BYU logo

BYU

2026-2027 Undergraduate Catalog

2026-2027 Undergraduate Catalog	1
Business College Page	12
Business	12
BYU Marriott Undergraduate Advisement Center	13
Undergraduate Programs	13
Computational, Mathematical & Physical Sciences College Page	14
Computational, Mathematical & Physical Sciences	14
College Advisement Center	15
Degrees Offered	15
Education College Page	15
Education	15
Departments and Programs	16
Advisement Center	16
Distinguishing Features of the McKay School	16
Engineering College Page	17
Engineering	17
Technology and Engineering Studies Programs	17
Student Service Center/Advisement	18
Family, Home, and Social Sciences College Page	18
Family, Home, and Social Sciences	18
Liberal Arts Advisement and Careers	19
Programs	19
Degrees Offered	19
Scholarships and Awards	19
Family, Home, and Social Sciences Internships	19
FHSS Writing Lab	19
Museum of Peoples and Cultures	19
Fine Arts and Communications College Page	20
Fine Arts and Communications	20
College Advisement Center	21
Interdisciplinary Degrees	21
Enrollment in a Major Program	21
Scholarships and Awards	21
Graduate Studies College Page	22
Graduate Studies	22
Humanities College Page	22
Humanities	22
Liberal Arts Advisement and Careers	23
Center for Language Studies	23
The Humanities Center	24
Kennedy Center for International Studies	24
Admission to Degree Programs	25
International & Area Studies Program Coordinators	25
International Study Programs	25
Graduation Requirements	25
Law School College Page	26
Law School	26
Life Sciences College Page	27
Life Sciences	27
Student Services	27
M. L. Bean Life Science Museum	28
Religious Education College Page	29
Religious Education	29
Student Life	30
Administration	30
Undergraduate Education College Page	31
Undergraduate Education	31
Continuing Education College Page	32
BYU Continuing Education	32
Requirements for Enrollment in Continuing Education Classes	32
General Education	33
General Education	33
Academic Honesty	34
Academic Standards	34

Admissions 34
Dates & Deadlines 34
Dates & Deadlines 34
Disclaimer 39
Full Withdraw 39
Full Withdraw 39
Final Examination Policy 40
Financial Aid & Scholarships 40
Financial Aid & Scholarships 40
Eligibility Requirements 40
Scholarships 41
BYU Short-Term Loan 44
Federal Programs 45
Important Tax Information 46
Exception to University Financial Aid Policy 46
Additional Information Regarding Financial Aid 47
Estimated College Expenses 47
Grading & Records 47
Graduation 47
Graduation 47
Honor Code 48
Housing 48
Nondiscrimination 49
Petitions 49
Registration 49
Sexual Harassment 50
Title IX 50
Transfer 50
Tuition & Fees 51
Tuition & Fees 51
Tuition Rates 51
Title 38 United States Code Section 3679(e) School Compliance Statement 60
A Unique Environment 60
A Unique Environment 60
Fostering an Enriched Environment Policy 60
Religious Environment 60
Academic Environment 61
Cultural Environment 63
Recreational Environment 64
Accreditation 65
Administration 66
Administration 66
Advisement Resources 68
Aptitudes, Interests, and Objectives 68
Flexibility and Adaptability 68
Choosing a Major 68
Choosing a Minor 69
Academic Advisement 69
College Advisement Centers 70
Aims of a BYU Education 71
Spiritually Strengthening 72
Intellectually Enlarging 72
Character Building 73
Lifelong Learning and Service 74
Conclusion 74
Careers & Experiential Learning 75
Career Services 75
Career Services 75
Experiential Learning 75
Academic Internships 76
Catalog Archives 76
Catalog Archives 76
Educator Requirements 77
Harold B. Lee Library 78

Jerusalem Center 79
Jerusalem Center for Near Eastern Studies 79
Limited Enrollment Programs 80
Limited Enrollment Programs 80
Mission of BYU 83
University Core Explained 84
The Pursuit of All Truth 84
Administration of the University Core 84
Who Must Complete University Core Requirements? 84
Description of the University Core 84
Doctrinal Foundation and Religion Electives 84
General Education Categories 85
BYU Foundations for Student Success 85
Selection and Timing of GE Classes 86
First Year Students 87
The University Core and the Honors Program 87
Ways to Complete GE Requirements Other Than by Course Work 87
How Do You Get Help with Specific Questions Concerning General Education? 87
The University Core 87
Law School Department 87
Law School 87
Life Sciences Department 88
Life Sciences 88
Student Services 89
M. L. Bean Life Science Museum 89
Business Department 90
Education Department 91
Engineering Department 91
Fine Arts and Communications Department 91
Fine Arts and Communications 91
College Advisement Center 92
Interdisciplinary Degrees 92
Enrollment in a Major Program 92
Scholarships and Awards 92
Student Life Department 93
Student Life 93
Administration 93
Humanities Department 94
Nursing Department 94
Nursing Program 94
Information about the College of Nursing 94
Career Opportunities 94
Undergraduate Admittance Requirements 95
Educational Experiences 95
Computational, Mathematical, & Physical Sciences Department 96
Computational, Mathematical & Physical Sciences 96
College Advisement Center 96
Degrees Offered 96
Religious Education Department 97
Religious Education 97
Purposes 97
Degrees Offered 97
Doctrinal Foundation and Religious Electives 97
Religious Studies Center 97
Accountancy Department 98
Accountancy 98
Admission to Degree Program 98
The Discipline 98
Career Opportunities 98
Undergraduate Application Information 98
Graduation Requirements 99
Graduate Programs Available 99
Nutrition, Dietetics, and Food Science Department 100
Nutrition, Dietetics, and Food Science 100

Admission to Degree Program 100
Graduation Requirements 100
Graduate Programs Available 100
Microbiology and Molecular Biology Department 102
Microbiology and Molecular Biology 102
Admission to Degree Program 102
The Discipline 102
Career Opportunities 102
Graduation Requirements 103
Graduate Programs Available 103
Neuroscience Center Department 104
Neuroscience 104
Admission to Degree Program 104
The Discipline 104
Career Opportunities 104
Graduation Requirements 105
Graduate Programs Available 105
Marketing and Global Supply Chain Department 105
Marketing and Global Supply Chain 105
Marketing 106
Global Supply Chain Management (GSCM) 106
Graduation Requirements 106
Public Service and Ethics Department 108
Public Service and Ethics 108
Graduate Programs Available 108
Aerospace Studies Department 109
Aerospace Studies 109
Admission to Degree Program 109
The Discipline 109
Career Opportunities 109
General Information 109
Program Requirements 110
Military Science Department 111
Military Science 111
Admission to Degree Program 111
The Discipline 111
Career Opportunities 111
General Information 112
Program Requirements 112
Educational Leadership and Foundations Department 113
Graduate Programs Available 114
Counseling Psychology and Special Education Department 114
Counseling Psychology and Special Education 114
Admission to Degree Program 115
General Information 115
Graduation Requirements 115
Graduate Programs Available 115
Communication Disorders Department 117
Communication Disorders 117
Admission to Degree Program 117
The Discipline 117
Career Opportunities 117
Program Acceptance Requirements 118
Graduation Requirements 118
Graduate Programs Available 118
Instructional Psychology and Technology Department 119
Instructional Psychology and Technology 119
Graduation Requirements 119
Graduate Programs Available 119
Teacher Education Department 120
Teacher Education 120
Admission to Degree Program 120
Additional Educator License Endorsements 120
Graduation Requirements 121

Graduate Programs Available 121
Chemical and Biological Engineering Department 123
Chemical and Biological Engineering 123
The Discipline 123
Educational Objectives 123
Career Opportunities 124
General Information 124
Graduation Requirements 125
Graduate Programs Available 125
Civil and Construction Engineering Department 126
Civil and Construction Engineering 126
Admission to Degree Program 127
The Discipline 127
Program Educational Objectives 127
Career Opportunities 127
General Information 128
Professional Engineer Registration 128
Graduation Requirements 128
Graduate Programs Available 128
Electrical and Computer Engineering Department 130
Electrical and Computer Engineering 130
Admission to Degree Program 130
The Discipline 130
Career Opportunities 131
Accreditation 131
General Information 131
Graduation Requirements 131
Graduate Programs Available 131
Manufacturing Engineering Department 133
Manufacturing Engineering 133
Admission to Degree Program 133
The Discipline 133
Career Opportunities 133
General Information 134
Graduation Requirements 134
Graduate Programs Available 134
Mechanical Engineering Department 135
Mechanical Engineering 135
Admission to Degree Program 135
The Discipline 135
Educational Objectives 135
Program Outcomes 136
Career Opportunities 136
General Information 136
Professional Program Acceptance 136
Academic Standards and Continuance 136
Graduation Requirements 137
Graduate Programs Available 137
Art Department 138
Art 138
Admission to Degree Program 138
The Discipline 138
Career Opportunities 139
General Information 139
Licensure Option 140
Graduation Requirements 140
Graduate Programs Available 140
Communications Department 141
Communications 141
The Discipline 141
Educational Outcomes 141
Admission to Degree Program 142
General Information 142
School Requirements 142

Graduation Requirements 142
Graduate Programs Available 142
Design Department 144
Design 144
Department of Design 144
Degree Programs 144
Admissions 145
Design Education Licensure 145
Equipment Requirements 146
Department Probationary Status 146
Graduation Requirements 146
Music Department 148
Music 148
Admission to Degree Program 148
The Discipline 148
Career Opportunities 149
Faculty 149
Facilities 149
General Information 149
Graduation Requirements 150
Graduate Programs Available 150
Theatre and Media Arts Department 154
Theatre and Media Arts 154
Admission to Degree Program 154
Mission 154
The Discipline 154
Career Opportunities 155
General Information 155
Graduation Requirements 155
Asian and Near Eastern Languages Department 157
Asian and Near Eastern Languages 157
Admission to Degree Program 158
The Discipline 158
Career Opportunities 158
General Information 159
Language Credit by Examination 159
Language Certificate Program 159
Graduation Requirements 160
Graduate Programs Available 160
Language Studies Department 162
Language Studies 162
General Information 162
Advanced Language and Culture Courses 163
BYU Language Certificate Program 164
English Department 172
English 172
Admission to Degree Program 172
The Discipline 173
Career Opportunities 173
Graduation Requirements 173
Graduate Programs Available 173
French and Italian Department 175
French and Italian 175
Admission to Degree Program 175
The Discipline 175
Career Opportunities 175
General Information 176
Language Certificate Program 176
Graduation Requirements 176
Graduate Programs Available 176
German and Russian Department 178
German and Russian 178
Admission to Degree Program 178
The Discipline 178

Career Opportunities 178
General Information 178
Language Certificate Program 179
Graduation Requirements 179
Graduate Programs Available 179
Comparative Arts and Letters Department 180
Comparative Arts and Letters 180
Admission to Degree Program 180
General Information 180
Graduation Requirements 180
Graduate Programs Available 181
Linguistics Department 183
Linguistics 183
Admission to Degree Program 183
The Discipline 184
Career Opportunities 184
General Information 184
Graduation Requirements 184
Graduate Programs Available 184
Philosophy Department 186
Philosophy 186
Admission to Degree Program 186
The Discipline 186
Career Opportunities 186
General Information 187
Graduation Requirements 187
Spanish and Portuguese Department 189
Spanish and Portuguese 189
Admission to Degree Program 189
The Discipline 189
Career Opportunities 189
Language Certificate Program 190
General Information 190
Graduation Requirements 190
Graduate Programs Available 191
Public Health Department 192
Public Health 192
Admission to Degree Program 193
Graduation Requirements 193
Graduate Programs Available 193
Exercise Sciences Department 194
Exercise Sciences 194
Admission to Degree Program 194
Graduation Requirements 194
Graduate Programs Available 194
Dance Department 195
Dance 195
Mission 196
General Information 196
Career Opportunities 196
Admission to Degree Programs 196
Departmental Requirements 196
Graduation Requirements 197
Experience Design and Management Department 198
Experience Design and Management 199
Admission to Degree Program 199
The Discipline 199
Graduation Requirements 199
Graduate Programs Available 199
Chemistry and Biochemistry Department 200
Chemistry and Biochemistry 200
Admission to Degree Program 201
The Discipline 201
Career Opportunities 201

General Information 201
Scholarships 202
Graduation Requirements 202
Graduate Programs Available 202
Computer Science Department 203
Computer Science 203
Admission to Degree Program 203
The Discipline 203
Career Opportunities 204
Animation Degree Program 204
General Information 204
Graduation Requirements 204
Graduate Programs Available 204
Geological Sciences Department 206
Geological Sciences 206
Admission to Degree Program 206
The Discipline 206
Career Opportunities 206
Global Geology Program 207
Graduation Requirements 207
Graduate Programs Available 207
Mathematics Department 208
Mathematics 208
Admission to Degree Programs 208
The Discipline 209
Career Opportunities 209
General Information 209
Graduation Requirements 209
Graduate Programs Available 209
Mathematics Education Department 211
Mathematics Education 211
Admission to Degree Program 211
The Discipline 211
Career Opportunities 212
General Information 212
Graduation Requirements 212
Graduate Programs Available 212
Physics and Astronomy Department 213
Physics and Astronomy 213
Admission to Degree Program 213
The Discipline 213
Career Opportunities 214
General Information 214
Scholarships 214
Graduation Requirements 214
Graduate Programs Available 214
Statistics Department 216
Statistics 216
The Discipline 216
Career Opportunities 216
General Information 217
Graduation Requirements 217
Graduate Programs Available 217
Anthropology Department 218
Anthropology 218
Admission to Degree Program 218
The Discipline 219
Career Opportunities 219
Special Opportunities for Field Study 219
Graduation Requirements 219
Graduate Programs Available 219
Geography Department 221
Geography 221
Admission to Degree Program 221

The Discipline 221
Career Opportunities 221
General Information 221
Graduation Requirements 222
Family Life Department 223
Family Life 223
Admission to Degree Program 223
Graduation Requirements 224
Graduate Programs Available 224
History Department 225
History 225
Admission to Degree Program 225
The Discipline 225
Career Opportunities 226
Graduation Requirements 226
Political Science Department 228
Political Science 228
The Discipline 228
Career Opportunities 229
Internships 229
Graduation Requirements 229
Psychology Department 231
Psychology 231
The Discipline 231
Career Opportunities 232
Graduation Requirements 232
Graduate Programs Available 232
Sociology Department 233
Sociology 233
Admission to Degree Program 233
The Discipline 233
Career Opportunities 234
Graduation Requirements 234
Graduate Programs Available 234
Social Work Department 235
Social Work 235
Graduate Programs Available 235
Economics Department 236
Economics 236
Admission to Degree Program 236
The Discipline 236
Career Opportunities 236
Graduation Requirements 237
Ancient Scripture Department 238
Ancient Scripture 238
Message from the Chair 238
Church History and Doctrine Department 239
Church History and Doctrine 239
Message from the Chair 239
Management Department 240
Management 240
Entrepreneurial Management 240
Human Resources Management 241
Strategic Management 241
Graduation Requirements 241
Biology Department 243
Biology 243
Admission to Degree Programs 243
The Discipline 243
Career Opportunities 243
Graduation Requirements 244
Graduate Programs Available 244
Cell Biology and Physiology Department 245
Cell Biology and Physiology 245

Admission to Degree Program 245
The Discipline 245
Career Opportunities 246
Graduation Requirements 246
Graduate Programs Available 246
Plant and Wildlife Sciences Department 247
Plant and Wildlife Sciences 247
Admission to Degree Program 247
The Discipline 247
Career Opportunities 247
Graduation Requirements 248
Graduate Programs Available 248
Undergraduate Education Department 250
Undergraduate Education 250
International and Area Studies Department 251
Admission to Degree Programs 252
International & Area Studies Program Coordinators 252
International Study Programs 252
Graduation Requirements 252
Student Development Department 254
Student Development 254
Student Development 254
Information Systems Department 255
Information Systems 255
Admission to Degree Program 255
The Discipline 256
Career Opportunities 256
General Information 256
Graduation Requirements 256
Graduate Programs Available 256
Finance Department 258
Finance 258
Admission to Degree Program 258
The Discipline 258
Career Opportunities 258
Graduation Requirements 259
BYU Conference Center Department 260
BYU Online High School Department 260
Bachelor of General Studies Department 261
Admission to Degree Program 262
The Discipline 262
Conferences and Workshops Department 262
Especially for Youth Programs Department 263
Evening Classes Department 263
Administration 263
First-Year Experience Department 264
FlexGE Department 265
Independent Study Department 266
Office of Visiting Students Department 267
Salt Lake Center Department 268
Student Wellness Department 269
Student Wellness 269
Graduation Requirements 269
All Programs 271
All Courses 757

Business College Page



Business

Marriott School of Business

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

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

Administration

Dean: Brigitte Condie Madrian
Associate Dean: Blair Morgan
Associate Dean: Jeff Wilks
Associate Dean: Michael Drake

Contact Information:

730 TNRB

801-422-4121

marriottschool@byu.edu

WEBSITE

Advisement Center:

460 TNRB

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WEBSITE

Departments

- Accountancy
- Aerospace Studies
- Business Minors
- Experience Design and Management
- Finance
- Information Systems
- Management
- Marketing and Global Supply Chain

- Military Science
- Public Service and Ethics

BYU Marriott Undergraduate Advisement Center

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

Undergraduate Programs

The BYU Marriott School of Business offers ten undergraduate majors:

Accounting

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

Entrepreneurial Management

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

Experience Design and Management

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

Finance

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

Global Supply Chain Management

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

Human Resource Management

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

Information Systems

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

Marketing

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

Strategic Management

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

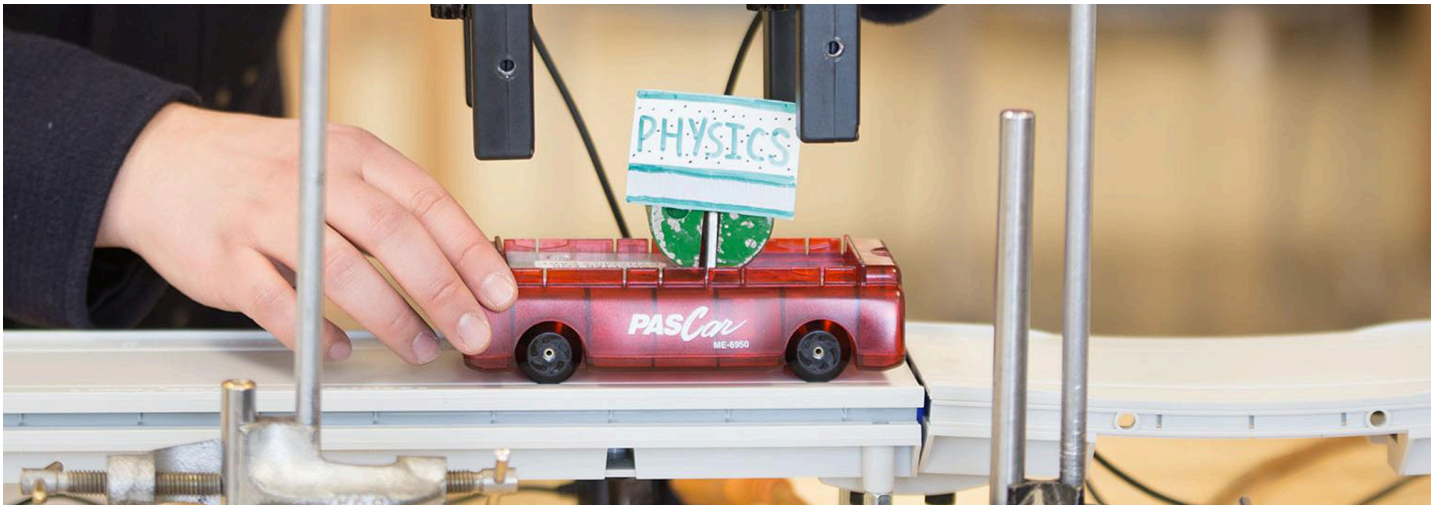
Graduate Programs

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

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

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

Computational, Mathematical & Physical Sciences College Page



Computational, Mathematical & Physical Sciences

College of Computational, Mathematical & Physical Sciences

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

Administration

Dean: Grant Jay Jensen
Dean: Gus L Hart
Associate Dean: Kevin Seppi
Associate Dean: Paul Jenkins
Assistant Dean: Steven M Johnson

Contact Information:

N-181 ESC

801-422-2674

cpms@byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

Departments

- Chemistry & Biochemistry
- Computer Science
- Geological Sciences
- Mathematics
- Mathematics Education
- Physics and Astronomy

- Statistics

Programs

- Physical Science

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

College Advisement Center

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

Degrees Offered

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

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

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

Education College Page



Education

David O. McKay School of Education

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

Administration

Dean: Sarah A. Clark
Associate Dean: Charles R. Graham
Associate Dean: Ellie Young
Assistant Dean: Jeanna M. Nichols

Contact Information:

301 MCKB

801-422-3694

WEBSITE

Advisement Center:

350 MCKB

801-422-3426

WEBSITE

Departments

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

Departments and Programs

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

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

Advisement Center

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

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

Distinguishing Features of the McKay School

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

Engineering College Page



Engineering

Ira A. Fulton College of Engineering

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

Administration

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

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240 EB

801-422-4326

WEBSITE

Advisement Center:

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

Departments

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

Technology and Engineering Studies Programs

- Technology and Engineering Education
- Technology and Engineering Studies: Technical

Student Service Center/Advisement

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

Family, Home, and Social Sciences College Page



Family, Home, and Social Sciences

The College of Family, Home, and Social Sciences is composed of nine departments that work to foster a deep and broad understanding of humankind as disciples of Christ. Teaching and scholarship rely on social science methodology to learn about human behavior and human societies — their histories, organization, governments, and economies. As the college name implies, we are particularly concerned with studying the family as the basic unit of society.

Students in the college gain a broad education that helps develop an appreciation of the values of modern civilization and prepares them to contribute effectively as citizens. We do this by modeling curiosity and love of learning; providing challenging and faith-building experiences both inside and outside the classroom; applying careful analysis and rigorous methods to hard questions; and encouraging students, faculty, and staff to be engaged and compassionate citizens. We acknowledge God will yet reveal many great and important things, and we faithfully seek after these truths.

The knowledge and skills gained in the varied disciplines prepare students well for graduate study and professional careers with ample opportunities for mentored research, experiential learning, and community engagement.

Administration

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

Assistant Dean: Carina Alleman
Assistant Dean/Finance Business Partner: Stephanie Probst

Contact Information:

990 KMBL

801-422-2085

socialsciences.byu.edu

Liberal Arts Advisement and Careers:

1049 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

Liberal Arts Advisement and Careers

Sherami Jara, Director
1049 JFSB
801-422-3541
https://liberalarts.byu.edu/

In this shared advisement center with the College of Humanities, our advisors help students chart an integrated academic and career path through their college experience. Our services include counseling for specific majors, counseling for a career, and monitoring students' progress toward graduation.

Departments

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

Programs

- Civic Engagement

Degrees Offered

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

Scholarships and Awards

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

Family, Home, and Social Sciences Internships

Alison Sondrup
1049 JFSB
801-422-2168
FHSSinternships.byu.edu

Staff members are available to assist students in finding, preparing for, funding, and successfully completing an internship to enhance their undergraduate education and career readiness. Academic credit for internships is offered through individual departments. The college also runs the **Washington Seminar** and the **Utah State Legislature** internship programs, which are open to all majors across the university.

FHSS Writing Lab

Joyce Adams, Director
1175 JFSB
801-422-4454
https://fhsswriting.byu.edu
fhss-writinglab@byu.edu

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

Museum of Peoples and Cultures

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

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

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

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

Fine Arts and Communications College Page



Fine Arts and Communications

College of Fine Arts and Communications

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

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

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

Administration

Dean: Diane Reich
Associate Dean: Shayla Bott
Associate Dean: Mark Callister
Associate Dean: Eric Gillett
Assistant Dean: Suzanne Campbell
Assistant Dean: Josh McDaniel

Contact Information:

ARTS 2101

801-422-2819

cfac@byu.edu

WEBSITE

Advisement Center:

ARTS 2105

801-422-3777

cfacadvise@byu.edu

WEBSITE

Departments

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

College Advisement Center

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

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

Interdisciplinary Degrees

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

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

Enrollment in a Major Program

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

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

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

Scholarships and Awards

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

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

Graduate Studies College Page



Graduate Studies

BYU Graduate Studies

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

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

Visit us at graduatestudies.byu.edu

Administration

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

Humanities College Page



Humanities

College of Humanities

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

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

Administration

Dean: Chip Oscarson
Associate Dean: Corry L Cropper
Associate Dean: Ray Clifford
Associate Dean: Leslee Thorne-Murphy
Associate Dean: Leslee Thorne-Murphy
Associate Dean: Grant H Lundberg
Assistant Dean: Josh Perkey
Assistant Dean: Jared Christensen
Assistant Dean: Sherami Jara

Contact Information:

4002 JFSB

801-422-2775

humanities@byu.edu

WEBSITE

Advisement Center:

1049 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

Departments

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

Programs

- Digital Humanities
- International Cinema

Liberal Arts Advisement and Careers

Sherami Jara, Assistant Dean
1049 JFSB
801-422-3541
https://liberalarts.byu.edu/

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

Center for Language Studies

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

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

- Teaching advanced language classes in less-commonly taught languages spoken by returned missionaries.
- Testing language proficiency.
- Conducting language acquisition research.

The Humanities Center

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

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

Kennedy Center for International Studies



David M. Kennedy Center for International Studies

Located in the heart of Brigham Young University’s campus, the Kennedy Center is a dynamic, global center offering a broad spectrum of study and service opportunities. Our richly diverse but intimately interconnected world challenges us to develop a breadth of knowledge and a depth of understanding to comprehend our complex international neighborhood. The Kennedy Center is committed to the university’s injunction to “enter to learn—go forth to serve” and its aspiration to make “the world our campus.”

Mission Statement:

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

Administration

Director: V. Stanley Benfell

Contact Information:

237 HRCB

801-422-3377

kennedy@byu.edu

WEBSITE

Advisement Center:

273 HRCB

801-422-3548

kennedy_advisement@byu.edu

WEBSITE

Programs

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

Admission to Degree Programs

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

International & Area Studies Program Coordinators

- Africana Studies, Spencer James
- American Studies, Jamin Rowan
- Ancient Near Eastern Studies, Matthew Grey
- Asian Studies, Marc Yamada
- European Studies, Rob McFarland
- International Development, Hayley Pierce
- International Relations, Scott Cooper
- Latin American Studies, Marlene Esplin
- Middle East Studies/Arabic, Joshua Gubler
- Global Environmental Studies, George Handley
- Global Women's Studies, Heather Belnap
- Scandinavian Studies, Nate Kramer

International Study Programs

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

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

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

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

Graduation Requirements

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

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

Law School College Page



Law School

J. Reuben Clark Law School

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

Administration

Dean: David H. Moore
Associate Dean: Clark Asay
Associate Dean: William Clayton
Assistant Dean: Tony Grover
Assistant Dean: Bryan Hamblin
Assistant Dean: Lynnett Rands
Assistant Dean: Michael Middleton
Assistant Dean: Shannon Grandy

Contact Information:

243 JRCB

801-422-7871

admissions@law.byu.edu

WEBSITE

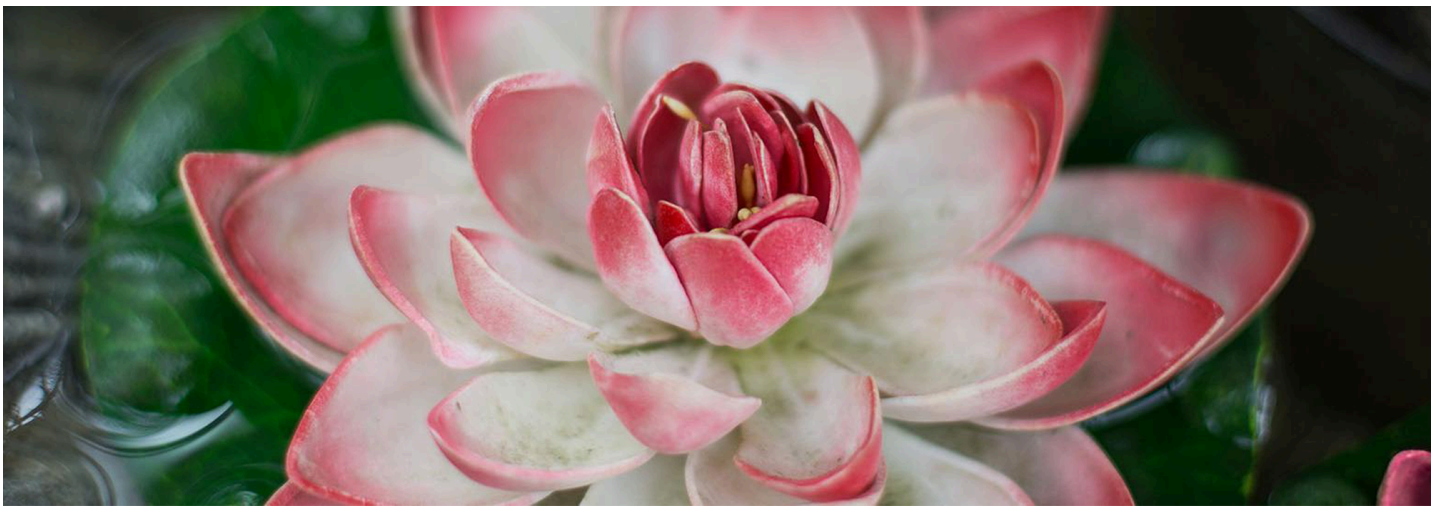
Manager of Admissions: Andrea Fitzgerald

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

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

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

Life Sciences College Page



Life Sciences

College of Life Sciences

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

Administration

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

Contact Information:

5000 LSB

801-422-1458

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

Departments

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

Student Services

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

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

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

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

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

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

M. L. Bean Life Science Museum

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

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

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

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

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

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

Religious Education College Page



Religious Education

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

Administration

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

Contact Information:

370 JSB

801-422-2735

WEBSITE

Departments

· **Ancient Scripture**

· **Church History and Doctrine**

Purposes

The purpose of religious education is to teach the restored gospel of Jesus Christ from the scriptures and modern prophets in a way that helps each student:

· Develop faith in and a testimony of

o Heavenly Father and His “great plan,”

o The Savior, Jesus Christ, and His infinite atoning sacrifice, and

o The restored gospel of Jesus Christ, including The Church of Jesus Christ of Latter-day Saints; the Prophet, Joseph Smith; and the other modern prophets, seers, and revelators.

· Become lifelong disciples of Jesus Christ, who make and keep covenants, who love God and others, and who are able, willing, and committed to gather Israel on both sides of the veil.

· Strengthen their ability to find answers, resolve doubts, respond with faith, and give reason for the hope within them in whatever challenges they may face.

These purposes are accomplished through excellent gospel teaching and high-quality research and publications focused on gospel, academic, or pedagogical scholarship. (See *Strengthening Religious Education in Institutions of Higher Education,* Board approved: 12 June 2019)

Degrees Offered

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

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

Doctrinal Foundation and Religious Electives

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

Religious Studies Center

Reid Neilson, Director

Jared W. Ludlow, Publications Director
167 HGB
801-422-6975
http://rsc.byu.edu/

The Religious Studies Center (RSC) continues to pursue its original charter to encourage and sponsor serious, faithful, gospel-related scholarship and the ensuing publication of that scholarship. It fulfills the charge to help meet the university's commitment to the study of religion and its aim to teach and preserve the doctrine of the gospel of Jesus Christ. It also serves the greater Church through the publication of the works of BYU faculty and other scholars who have written important, timely, scholarly work of a faith-promoting nature. To encourage and promote religiously oriented scholarship, the RSC awards grants and provides other financial assistance. It proactively reaches out to faculty to encourage research in specific areas and supports them in the publication of their findings.



Student Life

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

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

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

Departments

- Student Development
- Student Wellness
- University Advisement

COURSES

Administration

Campus Life

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

Student Development Services

Executive Director: Klint Hobbs
Director, Student Development: Jonathan Cox
Clinical Director, Counseling and Psychological Services: Natalie Kirtley

Undergraduate Education College Page



Undergraduate Education

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

Administration

Dean: Richard A Gill
Associate Dean: Jonathan Sandberg
Associate Dean: Chip Oscarson
Associate Dean: Eric Dursteler
Assistant Dean: Bryce Bunting

Contact Information:

350 MSRB

801-422-6818

WEBSITE

Advisement Center:

102 MSRB

801-422-3036

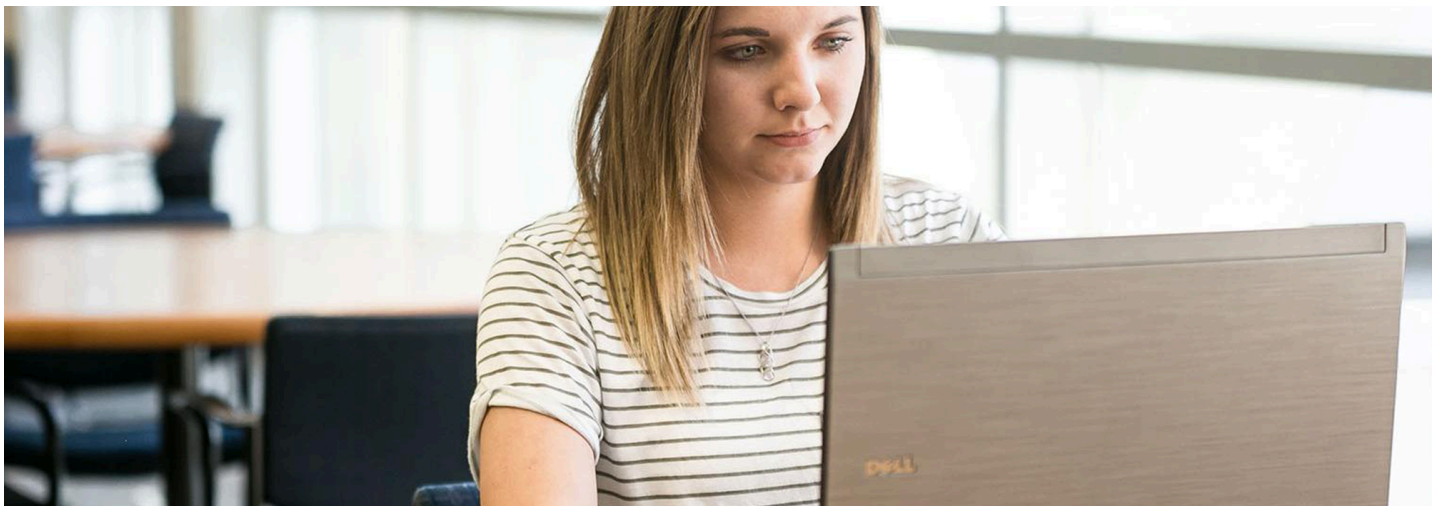
honors@byu.edu

WEBSITE

Departments and Programs

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

Continuing Education College Page



BYU Continuing Education

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

Administration

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

Contact Information:

419 HCEB

801-422-8925

WEBSITE

Departments

- Bachelor of General Studies
- BYU Conference Center
- BYU Online High School
- Conferences and Workshops
- BYU Youth Programs
- Evening Classes
- FlexGE
- Independent Study
- Office of Continuing Students
- Post-Bacc Prep
- Salt Lake Center

Requirements for Enrollment in Continuing Education Classes

Credit and noncredit classes and programs are open to anyone, including matriculated and non-matriculated students, individuals who wish to audit courses, and high school students who meet the university's concurrent enrollment requirements.

Students who have been suspended from Brigham Young University or any other institution of higher education for any reason may register **only** for Independent Study classes. Suspended students ***may not*** enroll in Evening or Salt Lake Center classes until the suspension has been formally resolved and the student has been reinstated.

Student Responsibility. Enrollment in a Continuing Education course does not constitute admission to BYU or any other university as a degree-seeking student. Students are responsible for gaining admission to the university of their choice as a degree-seeking student through the institution's standard admission procedures. At BYU, students may apply for admission through Enrollment Services.

General Education



General Education

The university's religion requirements and general education requirements are displayed in the links below.

FOR STUDENTS ADMITTED AS A FRESHMAN

ADMITTED PRIOR TO WINTER 2024:

- **VIEW GE REQUIREMENTS HERE.**
- **VIEW RELIGION REQUIREMENTS HERE**

ADMITTED WINTER 2024 OR LATER:

- **VIEW GE REQUIREMENTS HERE.**
- **RELIGION REQUIREMENTS:**
  - **VIEW REQUIREMENTS FOR WINTER 2024-SUMMER 2026 HERE**
  - **VIEW REQUIREMENTS FOR FALL 2026 OR LATER HERE**

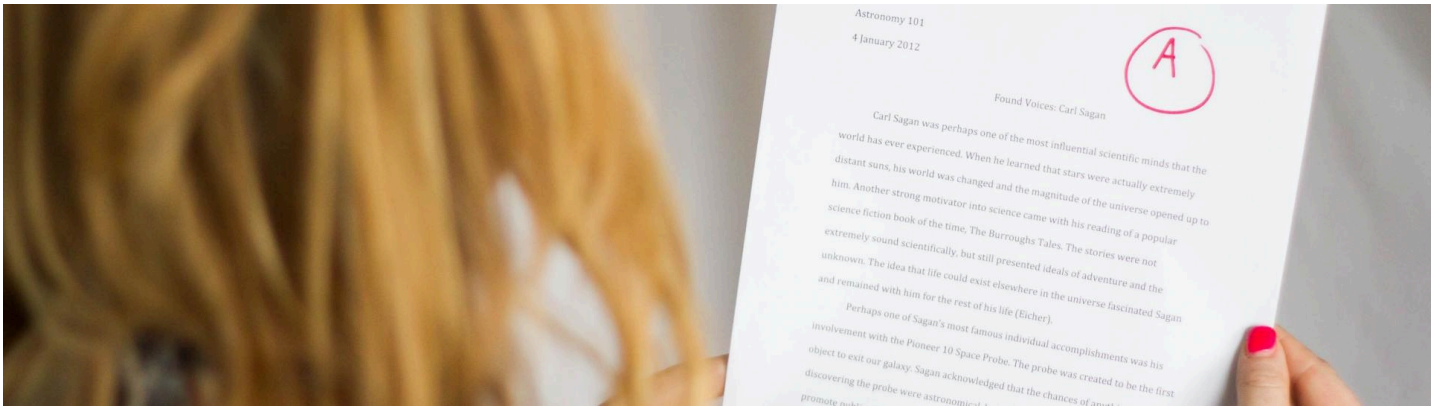
FOR STUDENTS ADMITTED AS A TRANSFER

- **VIEW GE REQUIREMENTS HERE.**
- **RELIGION REQUIREMENTS:**
  - **VIEW REQUIREMENTS FOR UP TO SUMMER 2026 HERE**
  - **VIEW REQUIREMENTS FOR FALL 2026 OR LATER HERE**

If you have questions about how these courses fit your plan, contact your College Advisement Center. If you've not declared a major, contact the University Advisement Center. Students who have completed an associate's degree at another institution may have fewer general education requirements.

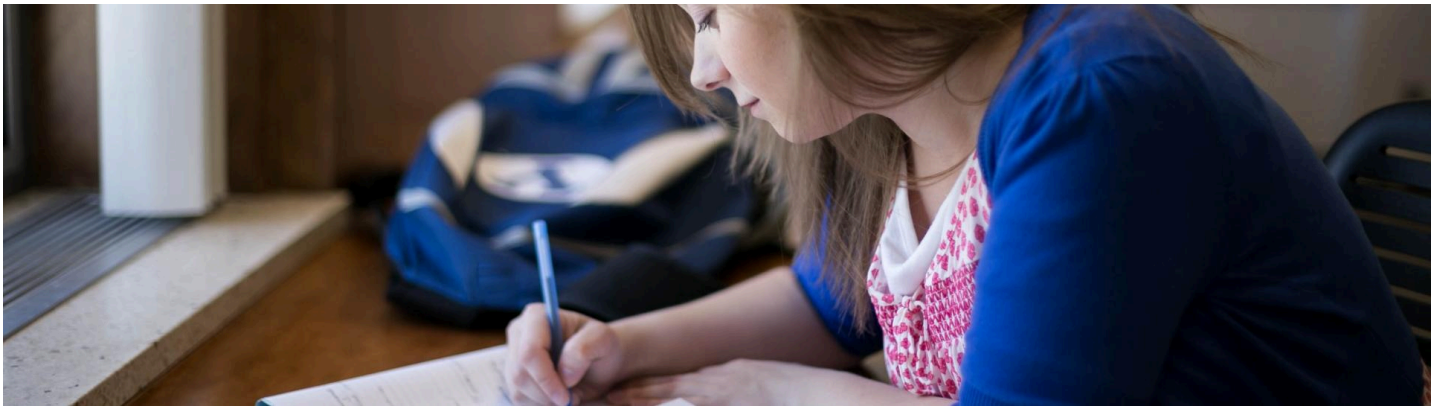
For questions about prospective or returning students, enrollment, registration, transfer credits, and missionary deferment, visit the Enrollment Services website.

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



Academic Honesty

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



Academic Standards

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



Admissions

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

Dates & Deadlines



Dates & Deadlines

The annual calendar at BYU includes fall, winter, and spring-summer (which includes spring term and summer term). The catalog is published on April 1. The effective dates of this catalog are the first day of the fall semester through the day before the first day of the fall semester of the following year.

Financial Aid & Scholarship Deadlines

	FALL	WINTER	SPRING-SUMMER	
	Fall 2026	Winter 2027	Spring 2027	Summer 2027
Scholarship Application Deadlines				
New Freshmen/International Last day **new freshmen and international** students may submit undergraduate applications for academic scholarships and talent awards	Dec 16, 2024	Aug 1, 2025	Dec 15, 2025	Dec 15, 2025
Continuing Students Last day **continuing** undergraduate students may submit scholarship applications	Feb 1, 2025	Aug 1, 2025	Feb 1, 2026	Feb 1, 2026
Transfer Students Last day **transfer** undergraduate students may submit scholarship applications	Dec 16, 2024	Aug 1, 2025	Dec 15, 2025	Dec 15, 2025
Former Students Last day **former** undergraduate students may submit scholarship applications	Dec 16, 2024	Aug 1, 2025	Dec 15, 2025	Dec 15, 2025
Financial Aid Deadlines				
BYU Short-term Loans Due Full payment due on BYU short-term loans	Nov 1	Mar 1	Jun 1	Aug 1
2024-2025 FAFSA Deadline Last day federal government will accept Free Application for Federal Student Aid (FAFSA) for this academic year.	Jun 30, 2026, **or** the student's last date of enrollment within the aid year - whichever is first.	Jun 30, 2026, **or** the student's last date of enrollment within the aid year - whichever is first.	Jun 30, 2026, **or** the student's last date of enrollment within the aid year - whichever is first.	Jun 30, 2026, **or** the student's last date of enrollment within the aid year - whichever is first.

Additional information: Scholarships

Additional information: Financial Aid

Graduate Student Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER	
Graduation	Fall 2026	Winter 2027	Spring 2027	Summer 2027
Apply for Graduation Last day graduate students may apply for graduation online in AIM. *This date applies to all students who plan to graduate in June or August and who want to walk in the April graduation ceremonies. Last day graduate students may apply for graduation online in AIM for June or August and receive a diploma but NOT walk in April graduation ceremonies.	Oct 14, 2026	Jan 22, 2027 May 4, 2027	Mar 3, 2027 March 11, 2027	Mar 11, 2026* Jun 17, 2027
Final Submission Deadline Last day for graduate students to have their thesis/dissertation ETD approved at all levels (including Graduate Studies) in gradprogress.sim.byu.edu; complete remaining degree requirements; pay fees; T and I grades changed to a letter grade.	Dec 18, 2026	Apr 21, 2027	Jun 17, 2027	Aug 11, 2027

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

Graduation Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER	
	December 2026	April 2027	June 2027	August 2027
Apply for Graduation Last day for undergraduates to apply and pay fee for graduation	Sep 15	Nov 15	Feb 15	Feb 15
Last day undergraduates may submit to the Registrar's Office all incompletes, T grades, special exams, GE challenges, military credit, official transcripts of work completed at other schools, and any other information pertaining to graduation	Nov 26	Apr 1	May 28	Jul 22
Last day Independent Study final exams may be submitted for graduation	Nov 26	Apr 1	May 28	Jul 22
Graduation – University Commencement	Dec 18 (no exercises)	Apr 23	Jun 18 (no exercises)	Aug 13 (no exercises)
Graduation – College Convocations		Apr 23-24		

Additional information

Health Plan Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER	
	Fall 2026	Winter 2027	Spring 2027	Summer 2027
Health Plan Deadline Last day for new and continuing students to submit Student Health Plan enrollment or certification of other coverage through the MyBYU Website	Sep 10, 2026	Jan 13, 2027	May 4, 2027	Jun 28, 2027

Additional information

Records/Registration Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER		
	Fall 2026	Winter 2027	Spring 2027	Summer 2027	Semester-length 2027
Class Schedule Available/Registration Cart Open	Apr 1	Aug 1	Dec 1	Dec 1	Dec 1
Priority registration begins	Jun 1 (Freshmen: June 5)	Oct 19	Mar 1	Mar 1	Mar 1
First Day of Classes	Sep 2	Jan 6	Apr 27	Jun 21	Apr 27
Add/Drop Deadline *-Last day to add classes* *-Last day to drop classes without incurring a pro-rata tuition charge* *-Last day to drop a class without a W (official withdrawal) appearing on the transcript*	Sep 10	Jan 13	May 4	Jun 28	May 4
Term 1 Withdraw Deadline *-Last day to withdraw from a first term class for academic reasons*	Oct 7	Feb 10	N/A	N/A	N/A
First Day of 2nd Term	Oct 21	Feb 25	N/A	N/A	N/A
Term 2 Add/Drop Deadline *-Last day to add second term classes* *-Last day to drop a term 2 class without a W (official withdrawal) appearing on the transcript*	Oct 28	Mar 4	N/A	N/A	N/A
Term 2 Withdraw Deadline *-Last day to withdraw from a term 2 class*	Nov 24	Apr 1	N/A	N/A	N/A
Withdraw/Full Withdrawal Deadline *-Last day to withdraw from individual or all classes.* *-Withdrawal from all classes (full withdrawal) puts a withdraw date on your transcript*	Nov 24	Apr 1	Jun 1	Jul 27	Jun 14
Last Day of Class/ **Grade rolls available**	Dec 10	Apr 14	Jun 14	Aug 9	Aug 9
Grades due	Dec 23	Apr 27	Jun 24	Aug 18	Aug 18
Grades available	Dec 29	Apr 29	Jun 28	Aug 20	Aug 20

Additional information

Tuition Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER		
	Fall 2026	Winter 2027	Spring 2027	Summer 2027	Semester-length 2027
Tuition Deadline Tuition due in full. Ability to add additional courses will be restricted due to non-payment	Aug 27	Dec 31	Apr 21	Jun 15	Apr 21
Final Tuition Payment Deadline Final tuition deadline. Current class enrollment will be dropped for non-payment. Late payments will not be accepted.	Sep 10	Jan 14	May 5	Jun 29	May 5

Additional information

University General Dates & Deadlines

	FALL	WINTER	SPRING-SUMMER		
	Fall 2026	Winter 2027	Spring 2027	Summer 2027	Semester-length 2027
Annual University Conference	Aug 24-28				
New Student Orientation	Aug 28, 31	Jan 4-5	Apr 26	Jun 19	
Classes begin	Sep 2	Jan 6	Apr 27	Jun 21	Apr 27
Last day of first term classes	Oct 20	Feb 24			
Second term classes begin	Oct 21	Feb 25			
Friday class instruction – no Tuesday classes					
No classes held	Nov 25	Mar 19			
Last day of class instruction	Dec 10	Apr 14	Jun 14	Aug 9	Aug 9
Exam preparation days	Dec 11	Apr 15	Jun 15	Aug 10	Aug 10
Final exams	Dec 12-17	Apr 16-17, 19-21	Jun 16, 17	Aug 11-12	Aug 11-12
Monday class instruction – no Tuesday classes		Feb 15			
Holidays					
Labor Day holiday	Sep 7				
Thanksgiving holiday	Nov 26, 7				
Christmas holiday	Dec 25, 26				
New Year's Day holiday	Dec 31, Jan 1				
Martin Luther King Day holiday		Jan 18			
Presidents' Day holiday		Feb 15			
Memorial Day holiday			May 31		May 31
Juneteenth			Jun 18		Jun 18
Independence Day holiday				Jul 5	Jul 5
Pioneer Day holiday				Jul 23	Jul 23

Additional information



Disclaimer

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

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

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

Full Withdraw



Full Withdraw

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

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

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

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

The withdrawal process includes the following:

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

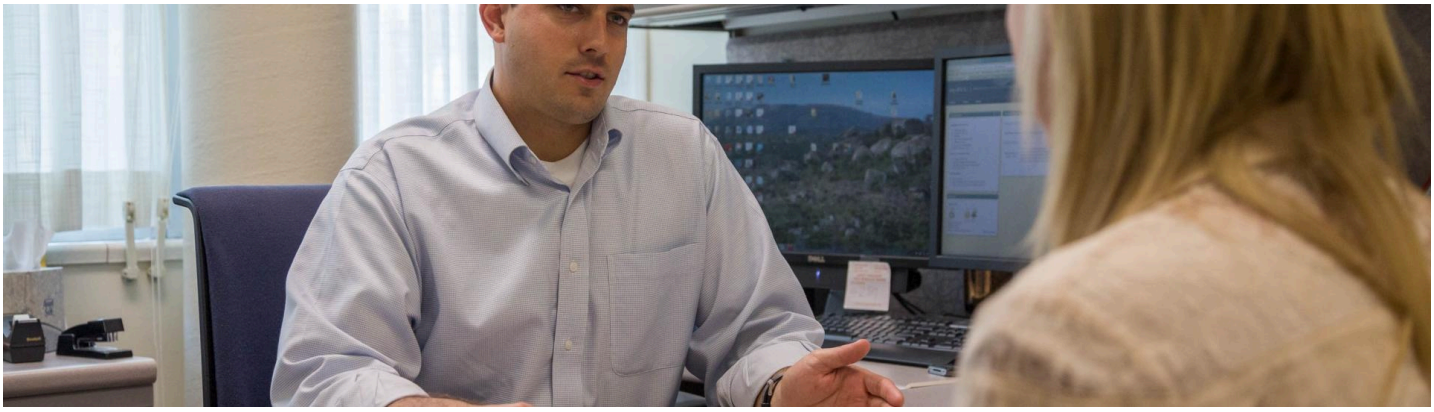
For more information, see the Leave of Absence section here or the Enrollment Services website.



Final Examination Policy

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

Financial Aid & Scholarships



Financial Aid & Scholarships

Enrollment Service
3326 WSC
(801) 422-4104

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

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

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

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

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

Eligibility Requirements

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

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

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

Scholarships

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

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

For additional information about our policies and procedures, please contact Enrollment Services:

Address:
3326 WSC
Provo, UT
84602-1009
Telephone: (801) 422-4104
Web: https://enrollment.byu.edu/scholarships

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

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

Alumni Association

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

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

Alumni Association Replenishment

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

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

Alumni Association Regional Replenishment

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

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

Athletic

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

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

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

College and Departmental

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

International

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

International Study Programs

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

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

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

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

Jerusalem Center

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

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

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

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

Address:
101 HCEB
Provo, UT
84602-1524
Telephone: (801) 422-6017
E-mail: jerusalem@byu.edu
Website: http://jerusalemcenter.ce.byu.edu

Need-Based

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

Other Private

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

Research

The following scholarships promote and reward research:

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

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

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

ROTC

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

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

Or the Aerospace Studies Department (Air Force ROTC):

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

Students with Disabilities

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

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

Talent Awards

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

Art: Department of Art

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

Communications: School of Communications

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

Dance: Department of Dance

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

Design: Department of Design

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

Music: School of Music

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

Theatre and Media Arts: Department of Theatre and Media Arts

Address:
D-581 HFAC
Provo, UT
84602-6405
Telephone: (801) 422-6645
E-mail: tmasec@byu.edu

General University Scholarship Policies

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

1. Abide by the Honor Code and adhere to the Dress and Grooming Standards of BYU, and
2. Register as a full-time student and complete a minimum of 12 credit hours per semester.
   Note: Scholarships may be applied to approved International Study Programs and the BYU Jerusalem Center. Scholarships may not be used for Independent Study or Continuing Education courses, BYU-Idaho or BYU-Hawaii courses, audited classes, or credit earned through special examination.

Additional provision:

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

Withdrawal

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

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

Petitions may be submitted to:

Address:
3326 WSC
Provo, UT
84602
E-mail: sch-petitions@byu.edu.

BYU Short-Term Loan

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

Federal Programs

Federal Pell Grant

Federal Pell Grant eligibility is determined by the U.S. Department of Education based on financial need when the student submits a FAFSA. A Pell Grant is not a loan and typically does not have to be repaid. Only undergraduate students who have not already earned a bachelor's degree are eligible for a Pell Grant. (Students who pay graduate tuition are not eligible.) Pell Grant payments are disbursed one semester at a time (spring and summer term hours are combined) and are based on the percentage of eligible credits for which a student is enrolled, compared to a full-time courseload. This is called Enrollment Intensity. Full-time enrollment (12 or more credits) equals a 100% Pell Grant award. For example:

· 12.0 or more semester hours =100% of maximum Pell Grant award

· 11.5 semester hours =96% of maximum Pell Grant award

· 11 semester hours=92% of maximum Pell Grant award

· 10.5 semester hours=88% of maximum Pell Grant award

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

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

William D. Ford Direct Loan Program

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

The Direct Loan Program offers the following types of loans:

- Subsidized—Based on financial need as determined by a student's Cost of Attendance (COA) and Student Aid Index (SAI). The government pays the interest on the loan while the student is enrolled in school at least half-time, during the grace period, and during deferment periods. Subsidized loans are not available to graduate students.
- Unsubsidized—Is not based on financial need and interest begins to accrue once the loan is disbursed. Students who receive subsidized loans may also receive unsubsidized loans. Students may choose to make interest payments while they are in school or during deferment/grace periods.
- Parent PLUS—Parent PLUS—Available for dependent undergraduate students continuing in their current programs after July 1, 2026. Parents may borrow up to the student's Cost of Attendance minus any financial aid received by the student. For new students or those whose parents have not previously borrowed a Parent PLUS Loan, up to $20,000 may be borrowed per school year, if the Cost of Attendance allows. Like the unsubsidized loan, interest begins to accrue once the loan is disbursed. PLUS Loans go into repayment 60 days after the loan is fully disbursed, unless a deferment is approved. Parents may borrow up to the student's Cost of Attendance minus any financial aid received by the student. A credit check is done, and the loan is generally approved unless there is an adverse credit history. For students whose parents are denied a PLUS Loan, due to the credit check, an additional unsubsidized loan may be approved.
- Graduate PLUS—Available for graduate and professional students continuing in their current programs after July 1, 2026, who borrowed federal student loans (unsubsidized or Graduate PLUS) while in the program. Those who begin their program after July 1, 2026, or have not previously borrowed federal student loans in their current program are not eligible for Graduate PLUS Loans. Like the Parent PLUS Loans, interest begins to accrue once the loan is disbursed. An in-school deferment is automatically applied to Graduate PLUS loans, which includes a six-month grace period after the student drops below half-time enrollment (we encourage students to confirm this with their loan servicers). Eligible students may borrow up to the Cost of Attendance minus any other aid they receive. A credit check is done, and if there is no adverse credit history, the loan is generally approved.

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

Satisfactory Academic Progress (SAP)

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

Undergraduate Students

Qualitative Standard

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

Quantitative Standards

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

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

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

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

- Exclude AP/IB credits which do not satisfy university core or major/minor course requirements.

Graduate Students

Qualitative standard:

Maintain a cumulative GPA of 3.0 or higher (or 2.7 for law students).

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

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

Maximum Timeframe defined by program of study:

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

Review of SAP

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

- Students who "pass" this review meet SAP and will be eligible for federal financial aid for the next term in which they enroll.
- Students who fail to meet the SAP review are allowed one term on "warning" in which they are allowed to receive federal financial aid and work to improve their academic record in hopes of meeting the SAP standards again.
- Students who successfully complete the "warning" term and improve their record to "pass" the SAP review will be eligible for federal financial aid for the next term in which they enroll.
- Students who "fail" the SAP review at the end of the warning term do not meet SAP and will not be eligible for federal financial aid for the subsequent term(s) in which they do not meet the SAP standards. Students will be notified of their failed SAP status by the Financial Aid Office via BYU email.
- If GPA, Pace later improve above the minimum requirements, SAP may be rehabilitated. Students once again become eligible for aid in future enrollments if they meet all other requirements.
- Once a student has exceeded the Maximum Timeframe limit, SAP cannot be rehabilitated. Aid eligibility is ended for the student’s current program.

Petition for Override of SAP

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

Important Tax Information

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

Exception to University Financial Aid Policy

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

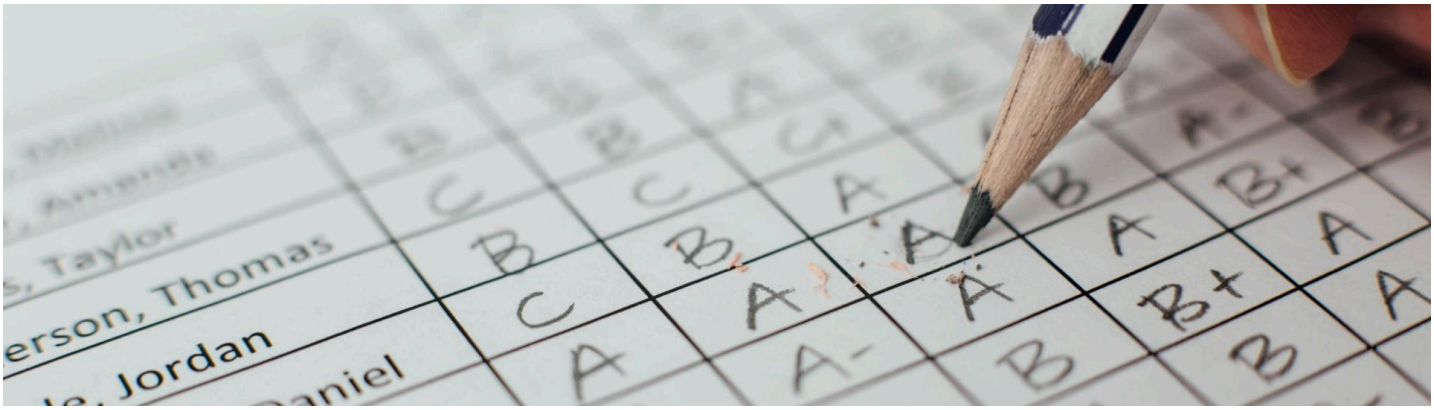
Additional Information Regarding Financial Aid

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

Estimated College Expenses

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

For estimated costs, please see the Financial Aid website: https://enrollment.byu.edu/financialaid.



Grading & Records

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

Graduation



Graduation

The current Undergraduate Education and Graduation Policy can be found at https://policy.byu.edu/view/undergraduate-education-and-graduation-policy

The current Commencement and Convocation Policy can be found at https://policy.byu.edu/view/commencement-and-convocation-policy

Application for Graduation

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

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

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

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

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

Deadlines for Transfer, Correspondence, and Incomplete Credit

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

MyMAP

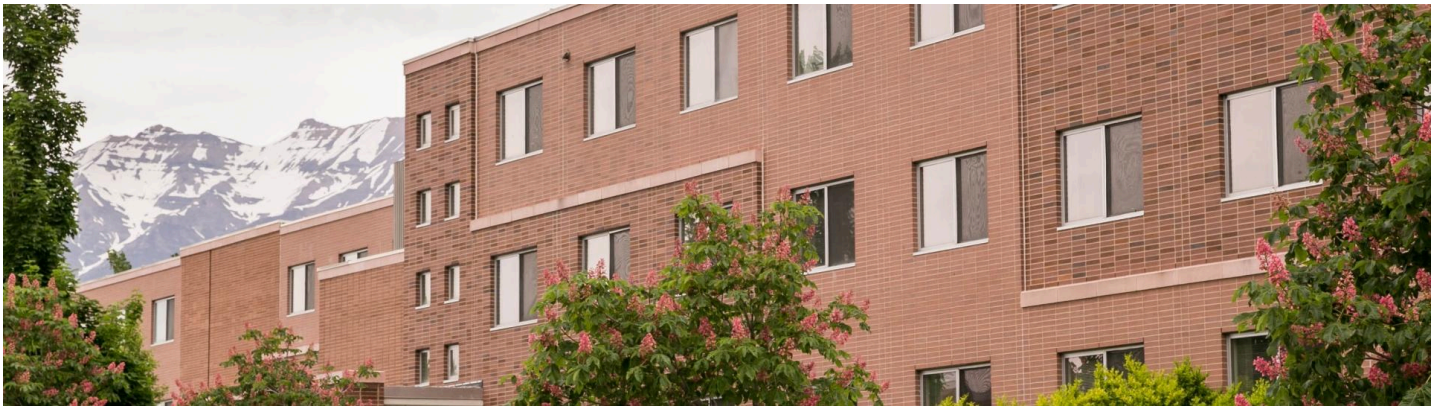
BYU offers students a helpful academic planning system (MyMAP) that enables them to plan their academic progress towards graduation. MyMAP is an online tool students may use to plan specific courses to fill University Core, major, minor, and elective requirements, and organize those courses into semesters/terms.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

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



Honor Code

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



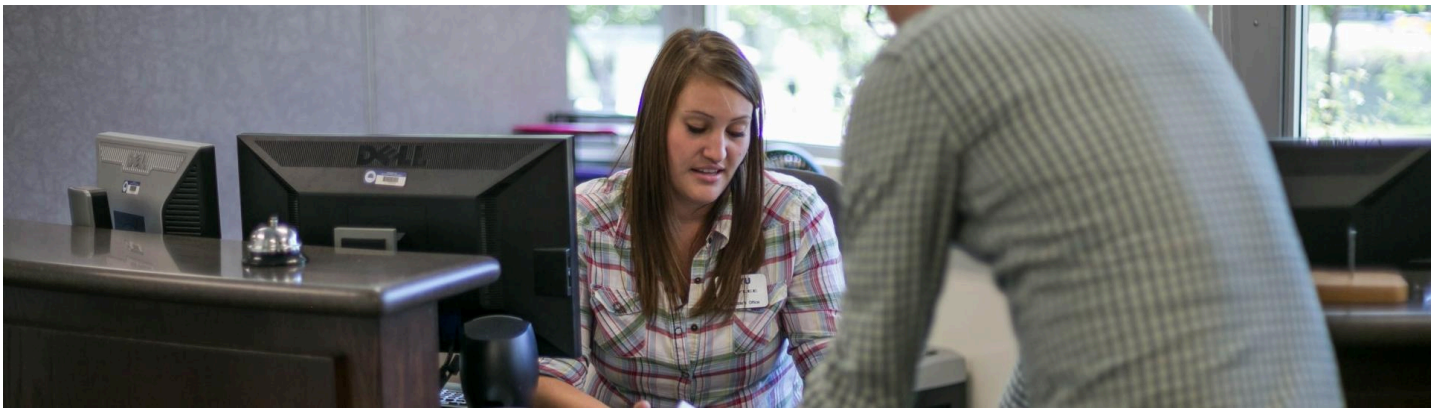
Housing

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



Nondiscrimination

The current Church Educational System Nondiscrimination policy can be found at https://policy.byu.edu/view/church-educational-system-nondiscrimination-policy



Petitions

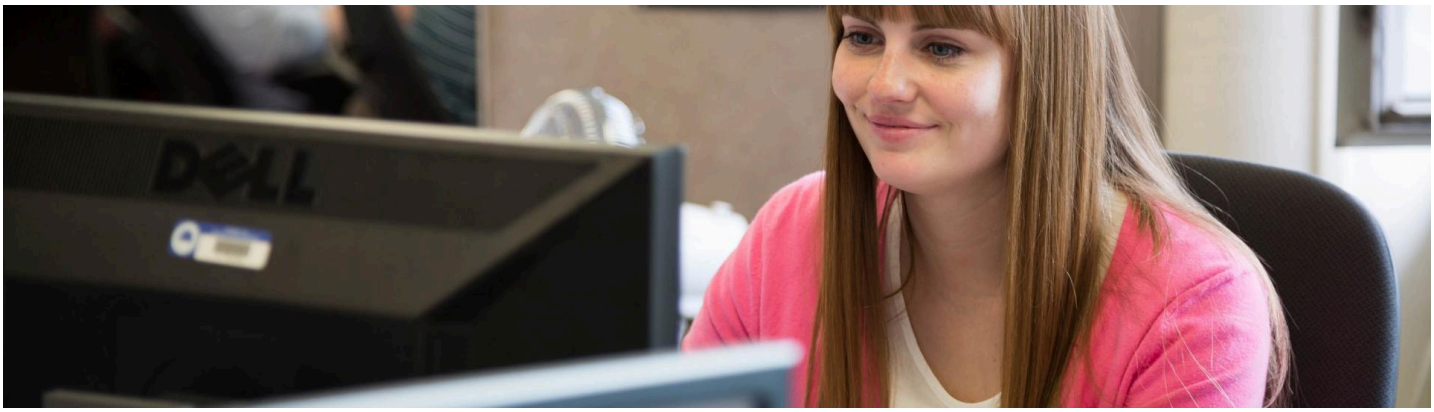
Students who encounter a non-academic emergency or circumstance affecting the academic record may submit a petition asking for an exception to university policy by providing justification and documentation to support the request. Possible requests may include adding or withdrawing from a class after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

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

- Reinstatement after being deleted for nonpayment of tuition (see Enrollment Services, 3326 WSC)
- Removal of transfer credit from a transcript
- Verification that a student is full time if they are not.

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

Petition forms and additional information concerning petitions may be obtained at the Registrar's Office or at https://petitions.byu.edu.



Registration

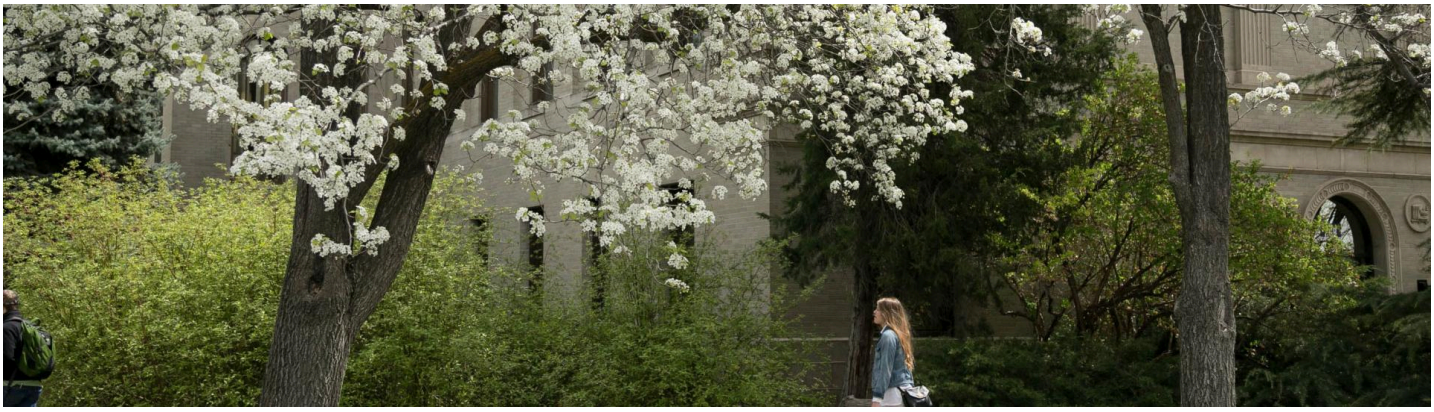
The current Registration policy can be found at policy.byu.edu.



Sexual Harassment

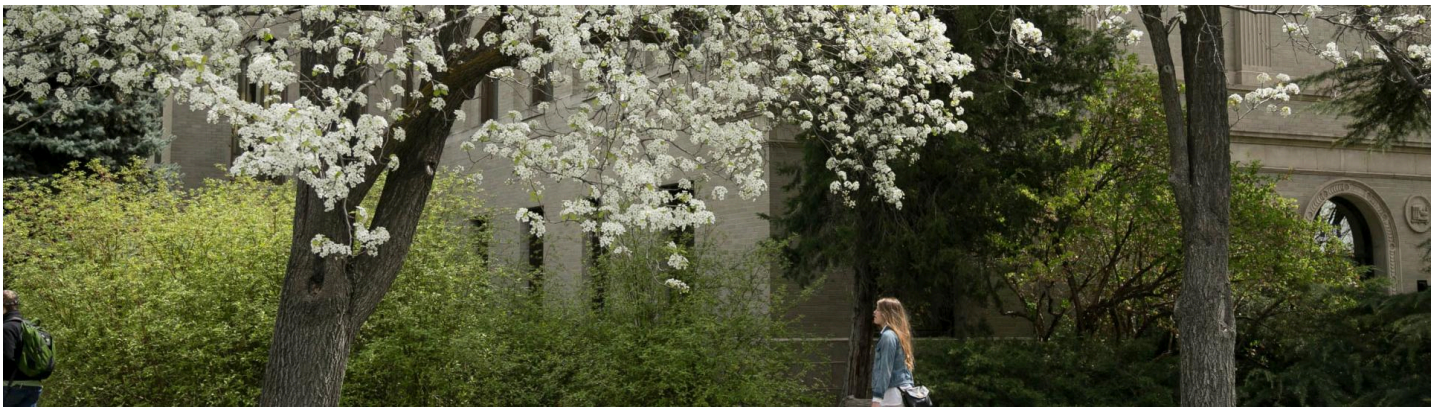
The current sexual harassment policy can be found at https://policy.byu.edu/view/sexual-harassment-policy.

Title IX



Title IX

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



Transfer

Evaluation of Transfer College Credit

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

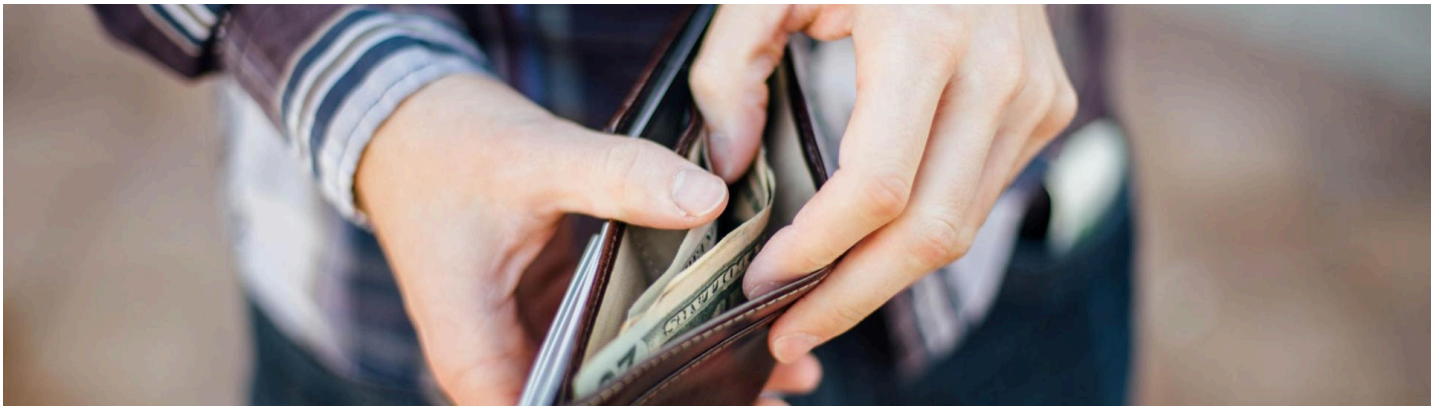
In determining transferability of credit the following criteria will be considered: comparable credit hours, course level, seat time, and course descriptions. Vocational credit

may not be accepted, even if earned at an accredited institution.

Additional factors that can affect the transfer of credit:

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

Tuition & Fees



Tuition & Fees

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

Tuition Rates

Below includes the tuition rates for this upcoming school year 2026-2027. This information can be found here: https://enrollment.byu.edu/tuition.

2026-2027 Tuition

Undergraduate Students						
Fall/Winter Charges				Spring/Summer Charges		
Credit Hours	Latter-day Saint	Non-Latter-day Saint		Credit Hours	Latter-day Saint	Non-Latter-day Saint
12.0 +	$3,548	$7,096		6.0 +	$1,774	$3,548
9.0 – 11.5	$3,372	$6,744		4.5 – 5.5	$1,686	$3,372
0.5 – 8.5	$376/credit	$752/credit		0.5 – 4.0	$376/credit	$752/credit
Graduate Students*						
Semester Charges				Term Charges		
Credit Hours	Latter-day Saint	Non-Latter-day Saint		Credit Hours	Latter-day Saint	Non-Latter-day Saint
8.5 +	$4,468	$8,936		4.5 +	$2,234	$4,468
0.5 – 8.0	$524/credit	$1,048/credit		0.5 – 4.0	$524/credit	$1,048/credit
Graduate School of Business and Law School Students						
Semester Charges				Term Charges		
Credit Hours	Latter-day Saint	Non-Latter-day Saint		Credit Hours	Latter-day Saint	Non-Latter-day Saint
8.5 +	$8,236	$16,472		4.5 +	$4,118	$8,125
0.5 – 8.0	$968/credit	$1,936/credit		0.5 – 4.0	$968/credit	$1,936/credit

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

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

Tuition for spring-summer length classes will be calculated as if 1/2 of the credit hours were allocated towards spring term and 1/2 towards summer term. However, the full amount calculated for spring-summer length classes will be billed along with spring term and will be subject to the normal spring term deadlines. Please refer to the Spring/Summer Tuition Calculator for help with determining the costs of term and semester-length classes: https://enrollment.byu.edu/spring-summer-calculatorcharged.

Short-Term Loans

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

Registration Period	**Due Date**
Fall	November 1
Winter	March 1
Spring	June 1
Summer	August 1

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

Pro-Rata Charges for Dropped Classes

- Below are the changes for the Pro-Rata charges for dropped classes.

Pro-Rata Charges for Dropped Classes

If class is dropped beginning:	The pro-rata charge will be:
Fall Semester	
September 11	15%
September 23	25%
October 21	50%
November 3	100%
Fall Semester Block 1	
September 11	15%
September 7	25%
October 1	50%
October 8	100%
Fall Semester Block 2	
October 29	15%
November 4	25%
November 18	50%
November 25	100%
Winter Semester	
January 14	15%
January 27	25%
February 25	50%
March 11	100%
Winter Semester Block 1	
January 14	15%
January 21	25%
February 4	50%
February 11	100%
Winter Semester Block 2	
March 5	15%
March 11	25%
March 26	50%
April 2	100%
Spring Term	
May 5	15%
May 11	25%

May 21	50%
May 29	100%
Summer Term	
June 29	15%
July 6	25%
July 16	50%
July 23	100%
Spring-Summer	
May 5	15%
May 17	25%
June 15	50%
July 1	100%

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

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

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

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

A petition for exception to the refund schedule will be considered for students forced to withdraw because of circumstances that are beyond their control, such as death in the immediate family, life-threatening situations, medical incapacitation, a university error, or military leave. Students should not submit petitions based on ignorance of university policies and procedures. These will be denied. Petition forms are available in 3326 WSC (Enrollment Services).

Collection of Unpaid Tuition and Fees

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

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

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

Payments for Tuition and Fees

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

Pay Tuition Online

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

eCheck (BYU's preferred payment method)

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

Credit and Debit Card Payments (Service Fee Applies)

BYU accepts Visa, Mastercard, Discover, and American Express for all student account charges. A nonrefundable processing fee will be assessed on all credit and debit card payments, except for on-campus housing charges.

Debit cards are processed as credit card transactions and are therefore subject to the same processing fee. Although both eCheck and debit card payments withdraw funds directly from a checking or savings account, you can avoid the processing fee by selecting the eCheck option.

Credit Card Refund Policy

Credit card regulations prohibit BYU from issuing refunds in cash or by check for payments made by credit card. If a payment is made by credit card and a subsequent adjustment reduces the amount owed, the refund must be issued to the original credit card used for the payment.

Pay Tuition by Mail

Check or money order payments may be mailed to Student Financial Services, 112 ECCB, Provo, UT 84602. Please make checks payable to Brigham Young University or BYU. Do not mail cash. Include with your check the student's BYU ID number and the amount to apply to each category.

Pay Tuition in Person

Payments may be made in person at 3326 WSC using check, money order, or exact cash. Check or money order payments may also be placed in the drop box at 3326 WSC.

Credit and debit cards are not accepted in person or by phone but may be used online through My Financial Center (mfc.byu.edu).

Pay Tuition by Wire Transfer

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

University Fees

Class	Class Fee
ANTHR 103, 455, 495R	variable
ART 122, 200	$75
ART 330	$15
CFM 120	$20
DES 394R	variable
DESAN 394R	$150
Desgd 145	$25
Desgd 245	variable
Desgd 248R	$150
Desgd 394R	variable
Desgd 441R	$50
Desil 101	$25
Desil 230	$35
Desil 352, 357	$23
Desil 394R	variable
Desph, 270, 377R	$150
Desph 394R, 475	variable
EXDM 489	$100
***Geol 490R, 590R	variable
IS 565 (Digital Forensics for Orgnztns)	$200
IS 567 (Cybersecurity & Pen Testing)	$200
Math 97	$75
Music 160R - Fall/Winter	$544
Music 160R - Spring/Summer	$272
Music 249, 349, 449, 697B - Fall/Winter	$158
Music 249, 349, 449, 697B - Spring/Summer	$80
Music 260R, 359R, 360R, 460R, 560R, 660R - Fall/Winter	$560
Music 260R, 359R, 360R, 460R, 560R, 660R - Spring/Summer	$280
PDBio 220 Lab	$5
PWS 112	$90
SFL 110	$50
SFL 185R, 287, 487	$30
SFL 215	$80

SFL 382	$20
SFL 393R	$15
SWELL 116, 117 (Bowling)	$85
SWELL 120 (Indoor Rock Climbing)	$120
SWELL 150, 151, 152, 153 (Ice Skating/Hockey)	variable
SWELL 175 (Beg. Scuba Diving)	$400
SWELL 176 (Int. Scuba Diving)	$265
TES 229	$30
TES 251	$15

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

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

Materials/Service Fees

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

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

CM 105, 155, 210.

EC En 212, 301.

IT 101, 443, 447.

TEE 200, 229, 490R, 593R.

TMA 285, 475R.

Student Teaching/Practicum Fees

Fingerprint Fee

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

Licensure Fee

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

Miscellaneous Fees and Fines

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

Health Insurance Requirement

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

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

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

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

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

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

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

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

Appeals

Students with unusual circumstances may appeal for special consideration of any item in this section to the Enrollment Services Office. Appeal forms may be obtained at the Enrollment Services office at 3326 WSC.

Title 38 United States Code Section 3679(e) School Compliance Statement

Brigham Young University permits any covered individual to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website – eBenefits, or a VAF 28-1905 form for chapter 31 authorization purposes) and ending on the earlier of the following dates:

1. The date on which payment from VA is made to the institution.
2. 90 days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Brigham Young University will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries, or other institutional facilities, or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under chapter 31 or 33.

A Unique Environment



A Unique Environment

Fostering an Enriched Environment Policy

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

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

Religious Environment

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

Religion Classes

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

University Devotionals

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

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

Young Single Adult and Married Student Stakes and Wards

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

Other Religious Denominations

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

Academic Environment

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

First-Year Experience & New Student Orientation (NSO)

Orientation to BYU actually begins long before students arrive on campus. Following notification of admission, all students will be contacted by an assigned peer mentor from the Office of First-Year Experience. This peer mentor is an experienced and highly trained student who can help incoming students find answers to questions about registering for classes, finding housing, scholarships and financial aid, and much more. Peer mentors will send periodic email, texts and even make phone calls to students throughout the summer months.

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

Be sure to register for a *UNIV 101 – BYU Foundations for Student Success* course during your first semester on campus. This course is a required General Education class for all new students. The class is taught in small sections of no more than 25 students by an experienced and hand-picked faculty member. Your peer mentor will also be embedded in your UNIV 101 class so that you can quickly get to know them, easily schedule meetings with your peer mentor outside of class, and have a quick and easy way to ask questions about BYU.

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

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

Your orientation group will be made up of the same students and the same peer mentor who will be in your UNIV 101 class. So, NSO is a great way to meet your classmates and peer mentor before the semester even begins and to get familiar with all that BYU has to offer.

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

University Forums

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

Research and Creative Activities at BYU

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

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

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

Center for Service and Learning

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

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

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

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

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

Student Development Course Work

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

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

Academic Support Office

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

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

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

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

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

Graduate Studies

105 FPH
Phone: (801) 422-4091

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

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

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

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

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

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

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

Cultural Environment

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

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

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

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

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

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

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

Museum of Art

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

The Museum staff organizes ambitious exhibitions that both edify and challenge the mind by offering direct engagement with masterworks from the permanent collection. The MOA’s collection of American art features the work of prominent artists such as Maynard Dixon, Mahonri Young, Minerva Teichert, and J. Alden Weir. Their significant holdings of European and American religious works contain notable paintings, sculpture and works on paper by artistic noteworthies spanning six centuries. The museum is also committed to exhibiting and exploring the art of our time, regularly showcasing work by highly-acclaimed living artists such as Gabriel Dawe, Jann Haworth, Ai Weiwei, Kehinde Wiley, and Rachel Whiteread. The museum also participates in travelling exhibitions that feature artwork from fine collections across the globe. In recent years, a once-in-a-lifetime exhibition of the Danish painter Carl Bloch and a blockbuster run of American artist and illustrator Norman Rockwell brought hundreds of thousands of visitors to BYU, demonstrating the scope and quality of the museum’s programming.

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

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

M. L. Bean Life Science Museum

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

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

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

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

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

Museum of Peoples and Cultures

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

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

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

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

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

Recreational Environment

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

Intercollegiate Competition

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

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

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

Extramural Competition

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

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

Athletic Facilities

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

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

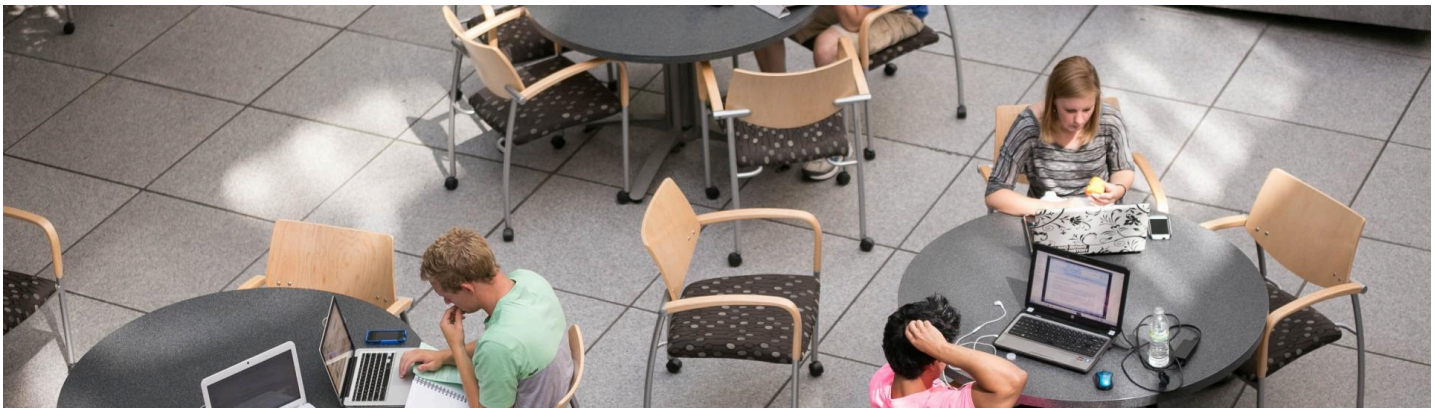
The 126,300 square-foot SAB is home to the student-athlete academic center, athletic administration offices, strength/conditioning complex, training facilities, football offices and locker room, Legends Grille, and Legacy Hall—a three-story museum/hall of fame celebrating more than 100 years of BYU Athletics.

Intramural Activities

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

A Great Outdoors

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



Accreditation

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

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

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

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

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

General Inquiries and Questions: info@nwccu.org

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

- Academy of Nutrition and Dietetics, Accreditation Council for Education in Nutrition and Dietetics
- Accreditation Board for Engineering and Technology, Inc., Applied Science Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Computing Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Engineering Accreditation Commission
- Accreditation Board for Engineering and Technology, Inc., Engineering Technology Accreditation Commission
- Accrediting Council for Education in Journalism and Mass Communications
- American Alliance of Museums
- American Association for Marriage and Family Therapy, Commission on Accreditation for Marriage and Family Therapy Education
- American Bar Association, Council on the Section of Legal Education and Admissions to the Bar
- American Psychological Association, Commission on Accreditation
- American Speech-Language-Hearing Association, Council on Academic Accreditation in Audiology and Speech-Language Pathology
- Association to Advance Collegiate Schools of Business
- Commission on Accreditation of Athletic Training Education
- Commission on Collegiate Nursing Education
- Council for the Accreditation of Educator Preparation, Accreditation Council
- Council on Accreditation of Parks, Recreation, Tourism and Related Professions
- Council on Education for Public Health
- Council on Social Work Education
- International Facility Management Association Foundation, Facility Management Accreditation Commission
- National Accrediting Agency for Clinical Laboratory Sciences
- National Association of Schools of Art and Design, Commission on Accreditation
- National Association of Schools of Dance, Commission on Accreditation
- National Association of Schools of Music, Commission on Accreditation
- National Association of Schools of Public Affairs and Administration
- National Association of Schools of Theatre, Commission on Accreditation
- Professional Landcare Network
- Teacher Education Accreditation Council, by the Inquiry Brief Commission of the Council for the Accreditation of Educator Preparation

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Administration

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Sarah Westerberg, Associate Student Life Vice President - Dean of Students

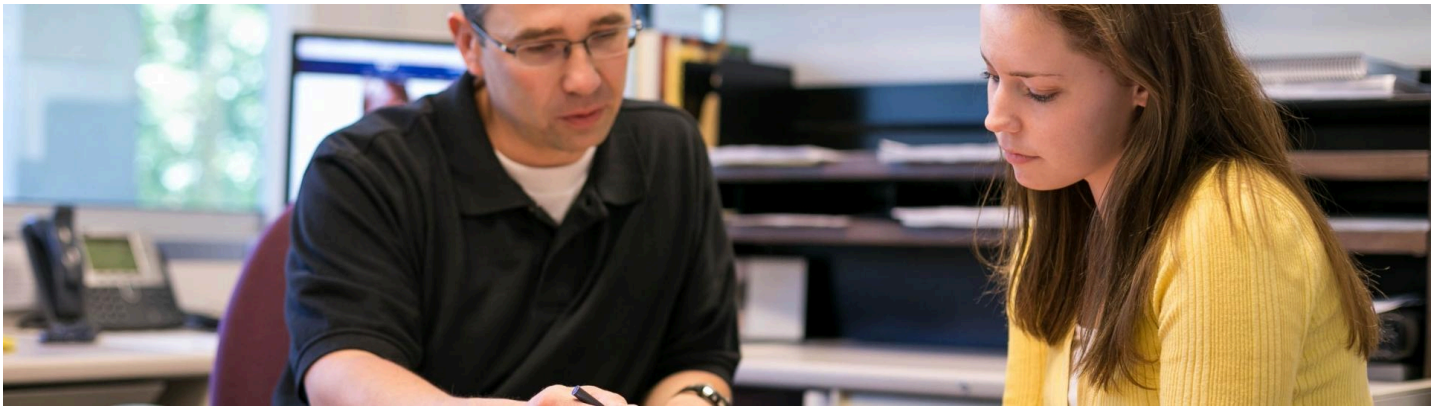
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Carl Hernandez, Belonging Vice President

Lita Little Giddins, Associate Vice President of Belonging

Julianne Grose, Associate Vice President of Belonging

Christian Fox, Deputy General Counsel



Advisement Resources

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

In addition to completing the university core, each student must choose a specialized area of study—a major. Requirements vary considerably from major to major, but all majors share in common a sequential development from introductory foundation courses to those that expect increasingly greater depth and sophistication. As the aims indicate, "By the time they graduate, students should grasp their discipline's essential knowledge and skills . . . , and many should have participated in scholarly or creative activities that let them demonstrate their mastery." Within this sequential development, prerequisites—whether within or outside the major department—help prepare students for subsequent, more focused work in the major. Some majors also require associated course work in related fields. Each major within a department or college has an Academic Advisor to help you understand and pursue the developmental goals of the major and achieve your full potential. An Academic Advisor can help you thoroughly explore your decision to pursue a major, process through a variety of career-related decisions, and ultimately help you make a plan for your growth and development during your time at the university.

Aptitudes, Interests, and Objectives

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

Flexibility and Adaptability

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

Choosing a Major

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

1. **Meet as often as needed with an open major advisor in the University Advisement Center (UAC).** Advisors are available to help students choose a major or career path. Advisors are available to help students explore major and career options, help choose meaningful classes, support students through the decision-making process, and connect you to resources on campus to design personalized goals and create a path for your BYU experience and beyond. Students will be equipped with approaches and tools to navigate the exploration process. Contact them at 2500 WSC, (801) 422-3826, or by e-mail at: university_advisement@byu.edu. You can also access their website at: https://universityadvisement.byu.edu/.
2. **Work with an Exploration Specialist in the UAC.** Exploration Specialists are peers trained to co-explore with students using specific activities. These activities help students deepen personal awareness through discovering more about their interests, skills, and values and by getting more information about majors and career paths. They guide students to take their next steps to explore their options.
3. **Watch BYU Major Snippets.** These short videos summarize basic information about BYU Majors. Each video answers a set of questions from college representatives, including: What is this major about? What careers can graduates enter? How is it different from other similar majors? Why should I select this major? You can watch the snippets here: https://universityadvisement.byu.edu/major-snippets.
4. **Review catalog information pertaining to undergraduate majors.** A list of majors can be found in this section of the catalog or check each department: https://catalog.byu.edu/programs

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

Choosing a Minor

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

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

Academic Advisement

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

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

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

Students will be successful as they:

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

- Review personal academic progress each semester

AIM

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

MyMAP

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

Progress Reports

Progress Reports provide students with accurate academic progress information. Students can access their progress report in MyMAP. In MyMAP, students can actually use their progress report (the middle tab at the top of the page) as a tool to plan their academic course of study

Major Academic Plan (MAP)

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

College Advisement Centers

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

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

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

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

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

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

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

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

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

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

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

University Advisement Center

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

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

Honors Advisement Center

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

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

Pre-Professional Advisement Center

1351 WSC
(801) 422-3044
E-mail: ppa@byu.edu
Web: https://ppa.byu.edu/

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

Academic Support Office

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

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

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

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

Additional Advisement Resources: Student Development Services

Courses for Credit

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

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



Aims of a BYU Education

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

— Brigham Young [1]

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

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

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

Spiritually Strengthening

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

—Brigham Young [2]

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

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

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

Intellectually Enlarging

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

—Brigham Young [5]

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

Undergraduate

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

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

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

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

- *Religion*—the doctrines, the covenants, the ordinances, the standard works, and the history of the restored gospel, as well as an awareness of other religious traditions.
- *Historical perspective*—the development of human civilization, appreciation for the unique contributions of America to modern civilization, and a general historical perspective, including perspective on one's own discipline.
- *Science*—The basic concepts of the physical, biological, and social sciences, and a recognition of the power and limitations of the scientific method—preferably through laboratory or field experience.
- *Arts and letters*—lively appreciation of the artistic, literary, and intellectual achievements of human cultures—including Western culture and, ideally, non-Western as well.
- *Global awareness*—informed awareness of the peoples, cultures, languages, and nations of the world.

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

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

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

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

Graduate

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

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

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

Character Building

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

—Brigham Young [6]

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

fruits of a well-disciplined life are augmented and fulfilled by the fruits of the spirit of Jesus Christ—such as charity, a Christlike love for others, which God "hath bestowed upon all who are true followers of his Son, Jesus Christ" (Moroni 7:48). Students thus perfect their quest for character development by coming unto Christ through faith, repentance, and righteous living. Then their character begins to resemble his, not just because they think it should but because that is the way they are.

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

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

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

Lifelong Learning and Service

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

—Brigham Young [10]

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

—Brigham Young [11]

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

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

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

Conclusion

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

—Brigham Young [12]

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

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

Notes

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

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



Careers & Experiential Learning

Career Services

1134 WSC
801-422-3000

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

Career Services

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

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

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

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

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

Experiential Learning

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

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

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

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

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

Academic Internships

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

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

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

Catalog Archives



Catalog Archives

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

Undergraduate Catalogs

- Current Undergraduate Catalog
- 2023-2024 Undergraduate Catalog
- 2022-2023 Undergraduate Catalog
- 2021-2022 Undergraduate Catalog
- 2020-2021 Undergraduate Catalog
- 2019-2020 Undergraduate Catalog
- 2018-2019 Undergraduate Catalog
- 2017-2018 Undergraduate Catalog
- 2016-2017 Undergraduate Catalog
- 2015-2016 Undergraduate Catalog
- 1901-2015: Library Archives (PDFs)

Graduate Catalogs

- Current Graduate Catalog
- Library Archives (PDFs)



Educator Requirements

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

Pre-teaching Majors

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

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

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

Teaching Majors: Minimum EPP Admission Standards

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

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

Teaching Majors: Minimum EPP Retention Standards

Students must meet the following standards:

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

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

Requirements for Graduation and Recommendation for Utah State Licensure

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

- Pass the content-specific Praxis Subjects Assessment test (formerly Praxis II test) for applicable teaching majors and minors. Students wishing to complete and internship must have passed the Praxis Subject Assessment prior to beginning internship.
- Meet the established EPP performance criteria for successful completion of student teaching in the major and minor teaching areas.
- Meet the established EPP performance criteria for successful completion of capstone assignments/assessments (e.g., Performance Assessment & Evaluation System).
- Meet the established performance criteria for successful completion of all program- and major-specific graduation requirements.
- Maintain USBE-cleared fingerprint background clearance in effect four weeks after graduation.
- Successful complete a Pedagogical Performance Assessment (e.g. PPAT).
- Complete and maintain all EPP admission, retention, and graduation requirements.
- Pay all fees for graduation and any other outstanding university charges.
- Meet all requirements for recommendation for Utah licensure.



Harold B. Lee Library

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

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

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

During fall and winter semesters, the library is generally open from 7:00 a.m. to 11:45 p.m. Monday through Friday and from 8:00 a.m. to 11:45 p.m. on Saturday.

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

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



Jerusalem Center

Jerusalem Center for Near Eastern Studies

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

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

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

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

Academic Program

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

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

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

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

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

Limited Enrollment Programs



Limited Enrollment Programs

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

BUSINESS					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Accounting (BS)	92%	98%		300	June 30
Business Management (BS)	93%	94%		40	June 30
Entrepreneurial Management (BS)	52%	42%		50	June 30
Experience Design and Management (BS)	68%	62%		135	June 30
Finance (BS)	91%	91%		210	June 30
Global Supply Chain Management (BS)	60%	63%		120	June 30
Human Resource Management (BS)	74%	95%		50	June 30
Information Systems (BS)	96%	85%		230	June 30
Marketing (BS)	54%	42%		125	June 30
Strategic Management (BS)	54%	37%		55	June 30
Strategy (Minor)	79%	94%		15	
EDUCATION					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Communication Disorders (BS)	%	83%		400	April 15 October 15
ENGINEERING					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Mechanical Engineering (BS) Mechanical Engineering: Aerospace (BS)	74%	87%	83.5%	260	February 10 July 10 October 10
FINE ARTS AND COMMUNICATIONS					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Acting (BFA)	33%	44%	43%	32	April December
Animation (BFA)	35%	35%	29%	60	June
Art (BFA)	88%	82%	88%	26	March 30 November 30
Art Education (Minor)	100%	100%	100%	10	Completion of ArtEd 276
Art Education K-12 (BA)	100%	100%	100%	51	Completion of ArtEd 276
Commercial Music (BM)	%	84%		see Music (BA)	December 1
Communications: Advertising (BA)	76%	74%		200	September January

Communications: Communications Studies (BA)	98%	96%		200	August February January
Communications: Journalism (BA)	100%	100%		200	August February January
Communications: Public Relations (BA)	90%	98%		220	August February January
Dance (BFA)	60%	76%		60	November
Dance Education K-12 (BA)	100%	95%	100%	60	October
Interdisciplinary Design (BA)	18%	18%	57%	20	June
Graphic Design (BFA)	49%	51%	41%	40	June
Illustration (BFA)	49%	54%	65%	40	June
Product and User Experience Design (BFA)	46%	86%	62%	94	June
Media Arts Studies (BA)	72%	77%	77%	180 (major and minor combined)	March November
Music (BA)	%	74%		650 in all BM programs	Dec 1
Music Composition (BM)	%	76%		see Music (BA)	December 1
Music Dance Theatre (BFA)	18%	16%	18%	60	December 1
Music Education: K-12 General Music (BM)	%	64%		see Music (BA)	December 1
Music Performance: Brass (BM)	%	%		see Music (BA)	December 1
Music Performance: Combined Piano & Organ (BM)	%	%		see Music (BA)	December 1
Music Performance: Organ (BM)	%	%		see Music (BA)	December 1
Music Performance: Percussion (BM)	%	%		see Music (BA)	December 1
Music Performance: Piano (BM)	%	%		see Music (BA)	December 1
Music Performance: String (BM)	%	%		see Music (BA)	December 1
Music Performance: Vocal (BM)	%	%		see Music (BA)	December 1
Music Performance: Woodwind (BM)	%	%		see Music (BA)	December 1
Photo- & Lens- Based Design (BFA)	52%	31%	55%	40	June
LIFE SCIENCES					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Dietetics (BS)	100%	100%		80	February 15
Medical Laboratory Science (BS)	85%	85%		48	March 1 October 1
NURSING					

	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Nursing (BS)	32%	37%	39%	64	May September
COMPUTATIONAL, MATHEMATICAL & PHYSICAL SCIENCES					
	2021-22 Acceptance Rate	2022-23 Acceptance Rate	2023-24 Acceptance Rate	Program Limit	Application Deadlines
Computer Science: Animation and Games (BS)	57%	%		50	April 15 December 15



Mission of BYU

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

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

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

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



University Core Explained

The Pursuit of All Truth

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

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

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

Administration of the University Core

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

Who Must Complete University Core Requirements?

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

Description of the University Core

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

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

Doctrinal Foundation and Religion Electives

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

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

Cornerstones

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

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

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

Religion Electives

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

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

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

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

Total Hours Transferred to BYU	**Total BYU Religion Hours to Take While Enrolled at BYU (Provo)**	**Cornerstone Courses Required for BYU Graduation***
0–14.9	14	Rel C 200: The Eternal Family Rel C 225: Foundations of the Restoration Rel A 250: Jesus Christ and the Everlasting Gospel Rel A 275: Teachings and Doctrine of the Book of Mormon or approved substitutions***
15–29.9	12	
30–44.9	10	
45–59.9	8	
60–74.9	6**	
75–89.9	4**	
90 or more	2**	

For students admitted and enrolled for Fall 2019 and thereafter, AP credit will not be included as part of total hours transferred to BYU as it applies to religion requirements.
* All students graduating from BYU, BYU-Idaho, BYU-Hawaii and LDS Institute must complete ALL cornerstone requirements. Credit for these courses may be transferred from BYU-Idaho, BYU-Hawaii, and LDS Institutes as per current policy.
**More religion credit may be needed if cornerstone requirements have not been completed.
***Approved substitutions: For Rel C 200, Rel C 333: Teachings of the Living Prophets; for Rel C 200, SFL 200: The Eternal Family; for Rel A 250, Rel A 211: New Testament; for Rel A 250, Rel A 311R: New Testament Studies; for Rel A 275, Rel A 121 or 122: Book of Mormon.

General Education Categories

BYU Foundations for Student Success

To help students grow and progress intellectually, emotionally, socially, and spiritually during their first semester, BYU has created a course for incoming students — UNIV 101: BYU Foundations for Student Success. This course is taught in small sections by full-time faculty who can serve as models of lifelong learners and devoted disciples of Christ as students continue their academic journey. A peer mentor (a current BYU upper-level student) will assist the faculty member in the course, lead class discussions, and meet with students regularly outside of class. The peer mentor will help students reflect on their experience and find the resources they need to be successful. This class is for students— to help them be successful!

UNIV 101 is designed to help students understand the unique mission and purpose of BYU, connect with other students and faculty in meaningful and lasting ways, and make the most of their BYU experience. The course will also:

- give students a rich academic experience, in a small class, with the opportunity to see at close range how a faculty disciple-scholar uses their learning to address real life problems, explore challenging questions, and provide service to others;
- help students apply the doctrine of belonging as they find ways to participate in the BYU community, make lasting friends, and learn to include others;

- facilitate discussions about how to be successful and find their place at BYU.

Enrollment in UNIV 101 is part of the General Education program and a wonderful opportunity (required) for all students during their first semester. Students transferring from another university are not required to take UNIV 101.

For assistance or questions, email byu_foundations@byu.edu.

Individual and Society

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

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

Skills

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

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

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

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

Arts, Letters, and Sciences

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

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

Selection and Timing of GE Classes

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

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

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

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

First Year Students

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

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

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

The University Core and the Honors Program

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

Ways to Complete GE Requirements Other Than by Course Work

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

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

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

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

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

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

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

The University Core

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

Law School Department

Law School

J. Reuben Clark Law School

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

Administration

Dean: Douglas Gordon Smith
Associate Dean: Justin M Collings
Associate Dean: Michalyn Steele
Assistant Dean: Tony Grover
Assistant Dean: Bryan Hamblin
Assistant Dean: Lynnett Rands
Assistant Dean: Michael Middleton
Assistant Dean: Shannon Grandy

Contact Information:

243 JRCB

801-422-7871

admissions@law.byu.edu

WEBSITE

Manager of Admissions: Andrea Fitzgerald

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

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

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

Courses

LAW 530 - Structures of the Constitution
LAW 540 - Introduction to Individual Rights
LAW 549 - Foundations of Faithful Lawyering
LAW 553 - 1L Academies
LAW 599R - Externship

Life Sciences Department

Life Sciences

College of Life Sciences

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

Administration

Dean: Laura C. Bridgewater
Associate Dean: Eric N Jellen
Associate Dean: Michael D Barnes
Associate Dean: Susan Fullmer
Assistant Dean: Russell G. Nielson

Contact Information:

5000 LSB

801-422-1458

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lsadvisement@byu.edu

WEBSITE

Departments

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

Student Services

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

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

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

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

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

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

M. L. Bean Life Science Museum

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

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

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

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

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

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

Business Department

Business College

Programs

Business (Minor)

Courses

EMBA 584R - Introduction to Global Management
EMBA 595R - Intentional Principles for Leading and Thriving: Razor's Edge
EMBA 596R - Intentional Principles for Leading and Thriving: Razor's Edge
HL 288 - Introduction to Healthcare Leadership
HL 289R - Healthcare Leadership Lecture Series
HL 382 - Delivering Value in Healthcare
HL 383 - Healthcare Law and Ethics
HL 384R - Global Opportunities in Healthcare Leadership
HL 386 - Financing the Healthcare System
HL 588 - Introduction to Healthcare Leadership
HL 589R - Healthcare Leadership Lecture Series
HL 599R - Healthcare Internship
MBA 500 - Career Development
MBA 505 - Leadership
MBA515 - Experience Design
MBA 522 - Financial Modeling
MBA525 - Financial Statement Analysis
MBA536 - Discipleship in Global Management
MBA 560 - Business Analytics
MBA570 - Entrepreneurial Innovation
MBA572 - Entrepreneurial Analytics
MBA 599R - Academic Internship
MSB 180 - Overview of Marriott School Business Programs
MSB 199R - Academic Internship
MSB 201 - Applying Business Foundations
MSB 205R - Planning for Financial Security at Retirement
MSB 250 - Financial Management
MSB 310 - Becoming a Disciple Leader
MSB 315 - Negotiation
MSB 325 - Introductory Business Analytics
MSB 326 - Career Development and Student Mentoring
MSB 341 - Product Management
MSB 342 - Product Career Lecture Series
MSB 360 - Professional Ethics
MSB 380 - Executive Lectures
MSB 430 - Introduction to International Business
MSB 432 - International Business and Culture
MSB 490R - Topics in Business Management
MSB 494R - On-Campus Experiential Projects
MSB 495R - E-Business Projects.
MSB 496R - Academic Internship
MSB 596R - Business German
MSB 596R - Business Italian
MSB 596R - Business Language
MSB 596R - Business Japanese
MSB 596R - Business Chinese
MSB 596R - Business Portuguese
MSB 596R - Business Spanish
MSB 596R - Business Russian
MSB 596R - Business Arabic
MSB 596R - Business Korean
MSB 596R - Business English
MSB 596R - Business French

Education Department

Education

Engineering Department

Engineering

Programs

Technology & Engineering Education: Teaching Track (BS)

Courses

TES 276 - Exploration of Teaching

Fine Arts and Communications Department

Fine Arts and Communications

College of Fine Arts and Communications

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

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

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

Administration

Dean: Edward Eugene Adams
Associate Dean: Amy Petersen Jensen
Associate Dean: Jeremy N Grimshaw
Associate Dean: Rory Rahn Scanlon
Assistant Dean: Suzanne Campbell
Assistant Dean: Josh McDaniel

Contact Information:

ARTS 2101

801-422-2819

cfac@byu.edu

WEBSITE

Advisement Center:

ARTS 2105

801-422-3777

cfacadvise@byu.edu

WEBSITE

Departments

- Art
- Communications

- Dance
- Design
- Music
- Theatre and Media Arts

College Advisement Center

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

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

Interdisciplinary Degrees

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

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

Enrollment in a Major Program

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

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

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

Scholarships and Awards

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

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

Student Life Department



Student Life

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

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

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

Departments

- Student Development
- Student Wellness
- University Advisement

COURSES

Administration

Campus Life

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

Student Development Services

Executive Director: Klint Hobbs
Director, Student Development: Jonathan Cox
Clinical Director, Counseling and Psychological Services: Natalie Kirtley

Courses

STAC 100R - Intercollegiate Athletics: Men's Tennis
STAC 100R - Intercollegiate Athletics: Men's Basketball
STAC 100R - Intercollegiate Athletics
STAC 100R - Intercollegiate Athletics: Men's Track and Field
STAC100R - Intercollegiate Athletics: Track and Field.
STAC 100R - Intercollegiate Athletics: Men's Diving
STAC 100R - Intercollegiate Athletics: Women's Track and Field
STAC 100R - Intercollegiate Athletics: Men's Swimming
STAC 100R - Intercollegiate Athletics: Women's Diving
STAC 100R - Intercollegiate Athletics: Cougarettes
STAC 100R - Intercollegiate Athletics: Women's Volleyball
STAC 100R - Intercollegiate Athletics: Women's Tennis
STAC 100R - Intercollegiate Athletics: Swimming
STAC 100R - Intercollegiate Athletics: Women's Softball
STAC 100R - Intercollegiate Athletics: Women's Gymnastics
STAC 100R - Intercollegiate Athletics: Men's Football
STAC 100R - Intercollegiate Athletics: Men's Volleyball
STAC 100R - Intercollegiate Athletics: Cosmo Dunk Team
STAC 100R - Intercollegiate Athletics: Women's Swimming
STAC 100R - Intercollegiate Athletics: Diving

STAC 100R - Intercollegiate Athletics: Women's Soccer
STAC 100R - Intercollegiate Athletics: Cheer
STAC 100R - Intercollegiate Athletics: Men's Baseball
STAC 100R - Intercollegiate Athletics: Men's Golf
STAC 100R - Intercollegiate Athletics: Women's Basketball
STAC 100R - Intercollegiate Athletics: Women's Golf
STAC 199R - Athletic Administration Internship
STAC 201R - Extramural Rugby
STAC 201R - Extramural Soccer
STAC 201R - Extramural Sports
STAC 201R - Extramural Racquetball
STAC 201R - Extramural Lacrosse

Humanities Department

Courses

DIGHT 210 - Programming in the Humanities 1
DIGHT 251 - Web Publishing with HTML
DIGHT 252 - Web Design with CSS
DIGHT 310 - Programming in the Humanities 2
DIGHT 360 - (DigHT-Ling) Programming for Text Processing and Analysis
DIGHT 590R - Digital Humanities Graduate Seminar

Nursing Department

Nursing Program

Department Information:

500 KMBL

801-422-4144

WEBSITE

Advisement Center:

501 KMBL

801-422-4173

nursing_advisement@byu.edu

WEBSITE

FACULTY

Program:

- Nursing

Information about the College of Nursing

The college nursing program is accredited by the Commission on Collegiate Nursing Education. Brigham Young University's baccalaureate nursing program prepares general clinicians with the knowledge, competencies, leadership abilities, and values commensurate with professional nursing practice. Nursing education builds on the AACN Baccularеaute Essentials, sciences, humanities, and religious studies to develop a strong theoretical and practical base necessary to promote health and wellness of individuals, families and communities in various acute and population-based health care settings.

Learning comes alive as students move from the classroom through the clinical simulation laboratory to actual patient care. Students assess, interpret, and respond to actual and simulated patient scenarios in an effort to promote, restore, or maintain health. Baccalaureate graduates develop their ability to be sensitive to the welfare of others, communicate effectively, evaluate and apply research findings, think critically, solve problems, and utilize appropriate technology as they provide quality nursing care to people of all ages and from diverse backgrounds.

Career Opportunities

Graduates have career opportunities in various healthcare settings. Those include but are not limited to case management, critical care, discharge planning, emergency/trauma, environmental health, forensics, gerontology, health promotion, home health, hospice, maternal/newborn, medical/surgical, oncology, orthopedics, pediatrics, perioperative, population and community health, psychiatric, and rehabilitation. For more information about potential jobs, please contact the Nursing Advisement Center.

Undergraduate Admittance Requirements

Acceptance into the nursing major is competitive and enrollment is limited. Therefore, not all students who meet the minimum requirements are guaranteed acceptance into the program. The following criteria have been established for consideration for admittance into the baccalaureate nursing program.

1. Be fully matriculated at BYU.
2. Complete the following pre-requisite courses: Chem 285, NDFS 100, CELL 220 **or** CELL 210 (with a virtual lab), and SFL 210 **or** Psych 220.
    1. Grades must be posted on the BYU transcript for all pre-requisite courses by the application deadline. For transfer students, all equivalent pre-requisite classes being transferred to BYU must be posted on BYU transcripts prior to application deadline. All Independent Study classes (if taken) need to have grades posted on transcript by application deadline.
    2. No mid-term grades will be accepted.
    3. In order to be eligible to apply to the College of Nursing, a student must have at least 25 total credit hours (including pre-requisites), no more than 60 BYU credit hours (minus challenge exams).
3. Students desiring to complete a full-time LDS mission should apply to the nursing program after they have completed their missionary service.
4. Complete an online application as described on the BYU College of Nursing website. Applicants are evaluated on a variety of criteria.
    1. GPA; ACT/SAT, TOEFL (if needed);
    2. Written communication skills; resume; healthcare experience (for example: healthcare related jobs and/or volunteer experience); recommendations from employers and/or educators; interview; and the professional judgment of the admissions committee.
    3. The admissions committee will review each application and choose the most appropriate candidates for advancement in the admission process (see application for details).
5. Students with English as a second language additional requirements:
    1. Have a TOEFL over-all score of at least a 93 (internet-based) with at least 24 sub-scores in both reading and listening.
    2. Take the OPI/IELTS *package exams from BYU English Language Center (*this cannot be started until you have the minimum score needed for the TOEFL). Please see Nursing Advisement Center for more details.
6. Maintain a "C" grade or above in all nursing courses, including prerequisite and supporting courses. A grade of "C–" does not allow advancement to the next course in the sequence and a minimum of a 3.0 Nursing and Overall GPA per semester must be maintained in order to graduate.
7. For re-admission during the program: Students who defer during the Nursing program for longer than one semester (for any reason) will be asked to pass a competency test which may result in repeating coursework until competency has been assured. Students should contact the Nursing Advisement Center to schedule the exam prior to the start of the semester.

Educational Experiences

Educational experiences are generally located in the Wasatch Front. Didactic (classroom) courses are taught in Provo or online in various instruction modes. Each student needs access to a computer with stable internet connection and a quiet, private study area. The College of Nursing makes extensive cooperative use of hospitals and healthcare facilities in many sites in Utah and selected rural sites, including some international experiences. Visits to agencies and client homes may also be required. To achieve the best possible clinical education, students will need to travel throughout their course work. Access to a car is highly recommended. Students are responsible for their own transportation. Multicultural and international clinical experiences are also available during a specific spring term in the program.

Courses

NURS 102 - Nursing and Medical Terminology
NURS 288 - Nursing Skills I
NURS 290 - Think Like a Nurse: Learning Clinical Judgment
NURS 292 - Clinical Practicum Fundamentals in Nursing
NURS 294 - Health Assessment and Promotion.
NURS 295 - Fundamentals in Nursing
NURS 296 - Introduction to Population Health Nursing
NURS 298 - Nursing Skills II
NURS 300 - Applied Pharmacology in Nursing.
NURS 301 - Applied Pathophysiology in Nursing
NURS 320 - Scientific Inquiry for Evidence-Based Practice & Informatics
NURS 333 - End-of-Life Care
NURS 341 - Nursing Care of Adults with Acute and Chronic Illnesses
NURS 342 - Clinical Practicum for Nursing Care of Adults with Acute and Chronic Illnesses
NURS 343 - Lab/Simulation for Nursing Care of Adults with Acute and Chronic Illnesses
NURS 348 - Nursing Skills III
NURS 351 - Nursing Care of the Family: Women Across the Lifespan
NURS 352 - Clinical Practicum Nursing Care of the Family: Women across the Lifespan
NURS 361 - Nursing Care of Families: Children
NURS 362 - Clinical Practicum Nursing Care of Families: Children
NURS 371 - Nursing Care of the Family: Older Adults
NURS 372 - Clinical Practicum Chronic Disease Management Across the Lifespan
NURS 378 - Nursing Skills IV
NURS 390R - Independent Study in the Practice of Nursing
NURS 399R - Academic Internship in Nursing Practice
NURS 403 - Global and Population Health Nursing.
NURS 404 - Clinical Practicum Global and Population Health Nursing
NURS 449 - Ethics in Nursing and Healthcare
NURS 461 - Psychiatric and Mental Health Nursing
NURS 462 - Clinical Practicum for Psychiatric and Mental Health Nursing
NURS 471 - Nursing Care of Adults in Crisis
NURS 472 - Clinical Practicum for Adults in Crisis
NURS 478 - Nursing Skills V
NURS 491 - Nursing Leadership & Health Policy
NURS 492 - Clinical Practicum for Capstone Nursing
NURS 505 - Interprofessional Education for the Health Professions
NURS 555 - Pharmacology in Advanced Practice
NURS 590R - Special Topics
NURS 599R - Graduate Nursing Internship

Computational, Mathematical, & Physical Sciences Department

Computational, Mathematical & Physical Sciences

College of Computational, Mathematical & Physical Sciences

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

Administration

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

Contact Information:

N-181 ESC

801-422-2674

cpms@byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

Departments

- Chemistry and Biochemistry
- Computer Science
- Geological Sciences
- Mathematics
- Mathematics Education
- Physical Science Program
- Physics and Astronomy
- Statistics

Programs

- Physical Science

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

College Advisement Center

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

Degrees Offered

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

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

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

Religious Education Department

Religious Education

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

Administration

Dean: Scott C Esplin
Associate Dean: Lincoln Blumell
Associate Dean: Tyler J Griffin

Contact Information:

370 JSB

801-422-2735

WEBSITE

Departments

- Ancient Scripture
- Church History and Doctrine

Purposes

The purpose of religious education is to teach the restored gospel of Jesus Christ from the scriptures and modern prophets in a way that helps each student

- Develop faith in and a testimony of
    - Heavenly Father and His “great plan,”
    - The Savior, Jesus Christ, and His infinite atoning sacrifice, and
    - The restored gospel of Jesus Christ, including The Church of Jesus Christ of Latter-day Saints; the Prophet, Joseph Smith; and the other modern prophets, seers, and revelators.
- Become lifelong disciples of Jesus Christ, who make and keep covenants, who love God and others, and who are able, willing, and committed to gather Israel on both sides of the veil.
- Strengthen their ability to find answers, resolve doubts, respond with faith, and give reason for the hope within them in whatever challenges they may face.

Degrees Offered

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

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

Doctrinal Foundation and Religious Electives

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

Religious Studies Center

Reid Neilson, Director

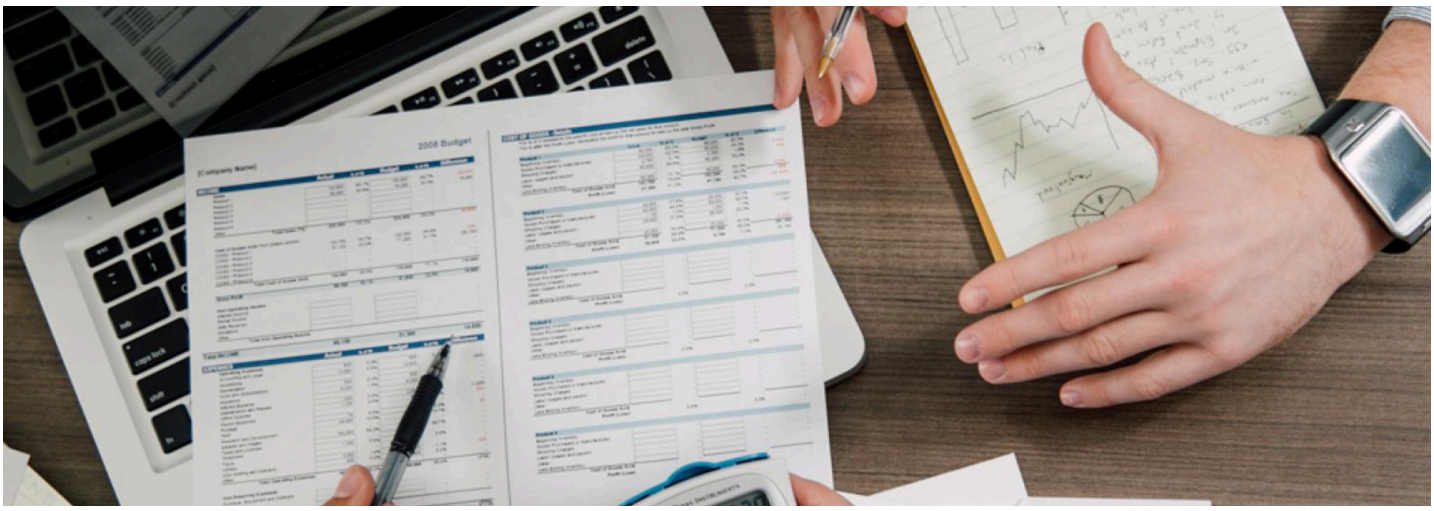
Jared Ludlow, Publications Director
167 HGB
801-422-6975
http://rsc.byu.edu/

The Religious Studies Center (RSC) continues to pursue its original charter to encourage and sponsor serious, faithful, gospel-related scholarship and the ensuing publication of that scholarship. It fulfills the charge to help meet the university's commitment to the study of religion and its aim to teach and preserve the doctrine of the gospel of Jesus Christ. It also serves the greater Church through the publication of the works of BYU faculty and other scholars who have written important, timely, scholarly work of a faith-promoting nature. To encourage and promote religiously oriented scholarship, the RSC awards grants and provides other financial assistance. It proactively reaches out to faculty to encourage research in specific areas and supports them in the publication of their findings.

Courses

REL E 500 - Educational Philosophy and Values in Religious Education **REL E 501 - Scripture Teaching**

Accountancy Department



Accountancy

School of Accountancy

Administration

Chair: Melissa Larson

Department Information:

540 TNRB

801-422-4195

soa@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

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

The Discipline

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

Career Opportunities

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

Undergraduate Application Information

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Accounting (BS) *
Accounting (BS): Tax Emphasis
Accounting (BS): Professional Accounting Emphasis

Courses

ACC 200 - Principles of Accounting
ACC 201 - Principles of Financial Accounting
ACC 202 - Principles of Managerial Accounting
ACC 241 - Business Law in the Environment
ACC 300 - Introduction to Accounting 2
ACC 310 - Principles of Accounting 2
ACC 401 - Business and Accounting Information Systems
ACC 402 - Cost and Managerial Accounting
ACC 403 - Intermediate Financial Accounting 1
ACC 405 - Fundamentals of Taxation.
ACC 406 - Financial Statement Auditing
ACC 407 - Accounting Technology
ACC 408 - Critical Thinking in Accounting
ACC 409 - Integrated Topics in Accounting
ACC 410 - Accounting Professional Development I
ACC 411 - Accounting Professional Development II
ACC 440 - Financial Statement Analysis
ACC 453 - Money, the Financial System, and the Economy
ACC 503 - Advanced Financial Accounting
ACC 504 - Financial Accounting 2
ACC 515 - Accounting Research Seminar
ACC 516 - Introduction to Academic Research
ACC 517 - Academic Archival Research Design
ACC 518 - Academic Experimental Research Design
ACC 522 - Advanced Taxation
ACC 523 - Tax Research Methodology
ACC 525 - Advanced Accounting Analytics - Professional
ACC 526 - Advanced Accounting Analytics for Tax
ACC 530 - Advanced Financial Statement Auditing
ACC 531 - Advanced Management Accounting
ACC 532 - Sustainability Reporting for Accountants
ACC 540 - Advanced Professional Financial Accounting
ACC 541 - Financial Statement Analysis
ACC 542 - Measurement in Accounting
ACC 545 - International Accounting and Multinational Enterprises
ACC 550 - Forensic Accounting and Fraud Examination
ACC 551 - Risk Assurance and Information Technology Audit
ACC 552 - Introduction to Cyber Risk Assessment in Accounting
ACC 553 - Applied Accounting Technology
ACC 554 - Enterprise Resource Planning in Accounting
ACC 555 - Applied Accounting Analytics
ACC 556 - Database Analysis and Design
ACC 557 - Management Consulting and Projects
ACC 558 - Accounting Technology Hub
ACC 559 - Corporate Governance
ACC 560 - Special Problems in Federal Taxation
ACC 561 - Corporate Taxation 1
ACC 562 - Corporate Taxation 2
ACC 563 - Taxation of Partnerships
ACC 565R - Current Tax Policy
ACC 566 - Tax Accounting Methods and Accounting for Income Taxes
ACC 568 - Taxation of Foreign Income
ACC 580 - Advanced Individual Tax
ACC 588 - Healthcare Industry Dynamics
ACC 590 - State and Local Taxation
ACC 591R - Readings and Conference
ACC 599R - Academic Internship: Accounting
MSB 523 - Corporate Governance

Nutrition, Dietetics, and Food Science Department



Nutrition, Dietetics, and Food Science

Department of Nutrition, Dietetics, and Food Science

Administration

Chair: James LeCheminant

Department Information:

S-221 ESC

801-422-3912

ndfs_sec@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Nutritional Science (Minor)
Food Science (BS)
Nutritional Science (BS)
Dietetics (BS) *

Courses

NDFS 100 - Essentials of Human Nutrition
NDFS 150 - Foods: Choices, Issues, and Trends
NDFS 175 - Introduction to Food Science
NDFS 191 - Careers in Food Science
NDFS 194 - Nutrition Research Fundamentals
NDFS 200 - Nutrient Metabolism
NDFS 201 - Society, Nutrition, and Chronic Disease
NDFS 237 - Introduction to Culinary Arts
NDFS 250 - Essentials of Food Science
NDFS 251 - Essentials of Food Science Laboratory
NDFS 290 - Introduction to Dietetics
NDFS 292R - Fieldwork in Dietetics
NDFS 300 - Medical Nutrition Therapy 1
NDFS 310 - Nutrition and Metabolism in Sports and Exercise
NDFS 333 - Nutrition and Genes
NDFS 350 - Food Analysis
NDFS 355 - Food Process Engineering
NDFS 356 - Medical Nutrition Therapy 2
NDFS 361 - Food Microbiology
NDFS 362 - Food Processing
NDFS 363 - Food Processing 2
NDFS 374 - Food Production Management
NDFS 375 - Food Production Management Laboratory
NDFS 380 - International Nutrition.
NDFS 390R - Special Topics in Nutrition, Dietetics, and Food Science
NDFS 399R - Academic Internship in Nutritional Science
NDFS 399R - Academic Internship
NDFS 399R - Academic Internship in Dietetics
NDFS 399R - Academic Internship in Food Science
NDFS 400 - Community Nutrition
NDFS 405 - Nutrition Assessment Lab
NDFS 410 - Human Obesity
NDFS 424 - Nutrition Through the Life Cycle
NDFS 434 - Nutritional Bio-organic Chemistry
NDFS 435 - Nutritional Biochemistry and Metabolism
NDFS 440 - Nutrition Education and Counseling
NDFS 445 - Foodservice Systems.
NDFS 450 - Food Chemistry
NDFS 455 - Financial Management in Dietetics
NDFS 458 - Management in Dietetics
NDFS 462 - Food Regulations and Quality Assurance
NDFS 464 - Food Sensory Evaluation
NDFS 465 - Food Product Development
NDFS 466 - Advanced Dietetics Practice
NDFS 475 - Research Methods in Dietetics
NDFS 490 - Professionalism in Nutrition and Dietetics
NDFS 491 - Internship Preparation
NDFS 494R - Undergraduate Research in Nutrition, Dietetics, or Food Science.
NDFS 501 - Advanced Human Nutrition 1
NDFS 502 - Advanced Human Nutrition 2
NDFS 544 - Food Fermentations
NDFS 546 - Essentials of Food Packaging
NDFS 558 - Nutritional and Food Toxicology

Microbiology and Molecular Biology Department



Microbiology and Molecular Biology

Department of Microbiology and Molecular Biology

Administration

Chair: Joel Griffitts

Department Information:

4007 LSB

801-422-2889

mmbiodept@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

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

The Discipline

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

Career Opportunities

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

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

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Microbiology (Minor)
Molecular Biology (Minor)
Microbiology (BS)
Molecular Biology (BS)
Medical Laboratory Science (BS) *

Courses

MMBIO 102 - Introduction to Clinical Laboratory Techniques
MMBIO 110R - Extremophiles: Life in Extreme Environments
MMBIO 121 - General Biology: Health and Disease
MMBIO 122 - General Biology: Health and Disease Laboratory
MMBIO 151 - Microbiology for Majors
MMBIO 162R - Careers in Biomedical Sciences
MMBIO 194 - Phage Hunters: Discovery
MMBIO 195 - Phage Hunters: Comparative Genomics
MMBIO 221 - General Microbiology
MMBIO 222 - General Microbiology Laboratory
MMBIO 240 - Molecular Biology
MMBIO 241 - Molecular and Cellular Biology Laboratory
MMBIO 250 - Careers in Genetic Counseling
MMBIO 261 - Infection and Immunity
MMBIO 294R - Mentored Research
MMBIO 360 - Bacterial Genetics
MMBIO 363 - Microbial Ecology
MMBIO 364 - Bacterial Pathogenesis.
MMBIO 365 - Bacterial Pathogenesis Laboratory
MMBIO 366 - Microbial Ecology Laboratory
MMBIO 368 - (MMBio-Bio-PWS) Genomics
MMBIO 385 - Phage Genetics
MMBIO 390R - Readings in Molecular Biology
MMBIO 399R - Academic Internship
MMBIO 405 - Basic Laboratory Operations in Medical Laboratory Science
MMBIO 406 - Clinical Chemistry
MMBIO 407 - Clinical Microbiology
MMBIO 409 - Hematology
MMBIO 410 - Hematology Laboratory
MMBIO 411 - Molecular Diagnostics
MMBIO 412 - Immunohematology
MMBIO 418 - Medical Parasitology
MMBIO 419 - Clinical Parasitology Laboratory
MMBIO 441 - Advanced Molecular Biology
MMBIO 442 - Advanced Molecular Biology Laboratory
MMBIO 461 - Advanced Bacterial Physiology
MMBIO 463 - Immunology
MMBIO 465 - Virology
MMBIO 466 - Virology Laboratory
MMBIO 467 - Immunology Lab
MMBIO 471 - Applied and Industrial Microbiology
MMBIO 490R - Molecular Biology Seminar
MMBIO 491 - Concept Applications in Laboratory Medicine
MMBIO 493R - Curriculum and Instruction Practicum
MMBIO 494R - Advanced Mentored Research
MMBIO 496R - Clinical Experience
MMBIO 498 - Reflections on Learning
MMBIO 510 - History and Philosophy of Microbiology and Molecular Biology
MMBIO 518 - Select Pathogens
MMBIO 522 - Flow Cytometry
MMBIO 528 - Scientific Literacy
MMBIO 551R - Current Topics in Microbiology and Molecular Biology

Neuroscience Center Department



Neuroscience

Neuroscience Center

Administration

Director: Jeff Glen Edwards

Department Information:

S192 ESC

801-422-1218

neuroscience@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

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

Admission to Degree Program

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

The Discipline

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

Career Opportunities

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Neuroscience (BS)

Courses

NEURO 205 - Neurobiology
NEURO 316 - Neuroscience Advanced Writing
NEURO 349R - Neuroscience Teaching Experience
NEURO 360 - Neuroanatomy
NEURO 390R - Special Topics in Neuroscience
NEURO 399R - Neuroscience Academic Internship
NEURO 420 - Neuropathology
NEURO 420R - Senior Practicum: Community Projects
NEURO 449R - Undergraduate Research Experience
NEURO 455R - Neuroscience Seminar
NEURO 460 - Behavioral Neuroscience
NEURO 480 - Cellular Neuroscience
NEURO 481 - Neuroscience Laboratory
NEURO 550R - Advanced Topics in Neuroscience

Marketing and Global Supply Chain Department



Marketing and Global Supply Chain

Department of Marketing and Global Supply Chain

Administration

Chair: Ryan Elder

Department Information:

660 TNRB

801-422-4367

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Marketing

The Discipline

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

What are Marketers' Roles?

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

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

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

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

Global Supply Chain Management (GSCM)

The Discipline

Supply chains are networks of organizations that collaborate to create and deliver all products and services to customers worldwide. In short, supply chain management is the business of business.

Supply chain professionals figure out how to do things better, striving to create and deliver products and services in the most effective and efficient ways possible.

They manage the processes of planning, sourcing, producing, improving, and delivering products and services globally.

They collaborate with people, technology, and data to analyze and solve real problems to provide products and services to people when and where they need them.

Supply chain professionals optimize the supply chain to keep costs low, maintain quality, and retain customer satisfaction. In today's global economy, companies compete with their supply chain processes and relationships.

What can Global Supply Chain Management graduates do?

Because of the strong reputation of the BYU Marriott GSCM program, national and international firms aggressively recruit supply chain students for internships and full-time positions.

Supply Chain positions include supply chain analytics, consulting, distribution, logistics operations, purchasing/procurement, manufacturing operations, inventory management and forecasting, quality improvement, sales, technology operations, and general supply chain management.

Graduation Requirements

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

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

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

Programs

Marketing (BS) *
Global Supply Chain Management (BS) *

Courses

GSCM 201 - Introduction to Global Supply Chain Management
GSCM 211 - Introduction to Supply Chain Management in International Business
GSCM 301 - Global Supply Chain Management for Accountants
GSCM 311 - Supply Chain Management in International Business for Accountants
GSCM 326 - Career Development and Student Mentoring
GSCM 380 - Global Supply Chain Management Executive Lecture Series
GSCM 401 - Operations Management
GSCM 402 - Quality Management
GSCM 403 - Purchasing and Supply Management
GSCM 404 - Supply Chain Logistics
GSCM 410 - Artificial Intelligence in Business Operations
GSCM 411 - Global Business Negotiations
GSCM 412 - Operations Analytics
GSCM 414 - Sustainable Product and Project Life Cycle Management
GSCM 419 - Customer Relationship Management
GSCM 429 - Global Supply Chain Strategy
GSCM 431 - Global Supply Chain
GSCM 490R - Topics in Global Supply Chain Management
GSCM 512 - Advanced Operations Analytics
GSCM 530 - Operations Management
GSCM 585 - Scholarly Research in GSCM
MKTG 201 - Marketing Management
MKTG 326 - Career Development and Student Mentoring
MKTG 380 - Marketing Executive Lecture Series
MKTG 401 - Marketing Research
MKTG 402 - Consumer Behavior
MKTG 403 - Advertising and Promotion Management
MKTG 411 - Marketing Analytics
MKTG 412 - Professional Selling
MKTG 414 - Entrepreneurial Marketing
MKTG 415 - Digital Marketing
MKTG 416 - International Marketing
MKTG 417 - Creativity and Design in Marketing
MKTG 418 - Pricing Strategies
MKTG 419 - Product Marketing
MKTG 420 - Marketing Automation
MKTG 422 - Business to Business Selling
MKTG 425 - Advanced Digital Marketing
MKTG 429 - Marketing Strategy
MKTG 455 - Marketing & Brand Consulting
MKTG 490R - Topics in Marketing
MKTG 585R - Pre-PhD Marketing Seminar-Research Topics and Methods

Public Service and Ethics Department



Public Service and Ethics

Romney Institute of Public Service and Ethics

Administration

Director: David Matkin

Department Information:

760 TNRB

801-422-4221

mpa@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

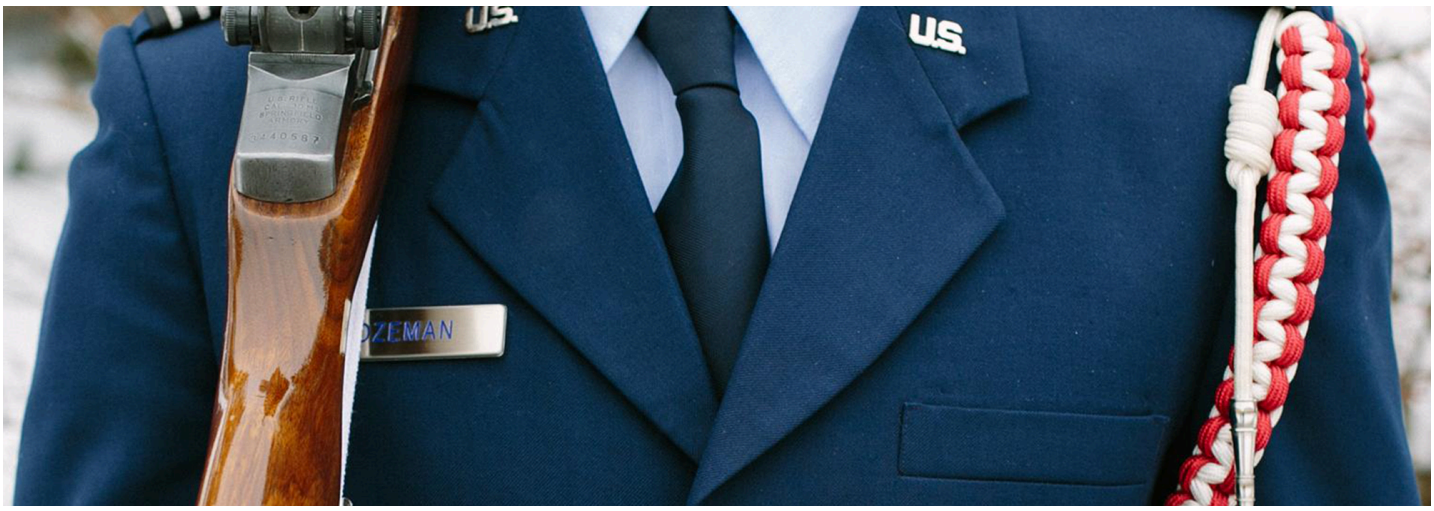
Graduate Programs Available

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

Courses

GCI 300 - Social Impact: Do Good Better
GCI 310 - Designing Social Impact
GCI 320 - Implementing Social Impact
GCI 330 - Evaluating Social Impact
GCI 381R - Social Impact Lecture Series
GCI 425R - Social Impact Projects
GCI 430R - Ballard Brief
GCI 435R - GoodMeasure
GCI 440R - Startups for Good
GCI 443 - Corporate Social Impact
GCI 447 - Impact Investing
GCI 448 - Advanced Impact Investing
GCI 450R - Creating Virtuous Organizations
GCI 460 - Advanced Social Impact
GCI 488 - Improving Helping Behavior
GCI 491R - Topics In Social Impact
M COM 320 - Management Communication
M COM 420 - Marriott Student Review
MPA 588 - Healthcare Industry Dynamics
PSE 390 - Ethics for Management
PSE 571 - Ethics for Accounting Professionals
PSE 572 - Ethics for Information Systems Managers

Aerospace Studies Department



Aerospace Studies

Aerospace Studies (Air Force ROTC)

Administration

Chair: Colonel Trigg Randall

Department Information:

380 ROTC

801-422-2671

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

Admission to Degree Program

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

The Discipline

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

Career Opportunities

Officer in the United States Air Force.

General Information

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

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

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

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

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

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

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

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

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

Program Requirements

Four-Year Program

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

Three-Year Program

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

Qualifications

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

Required Courses

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

Programs

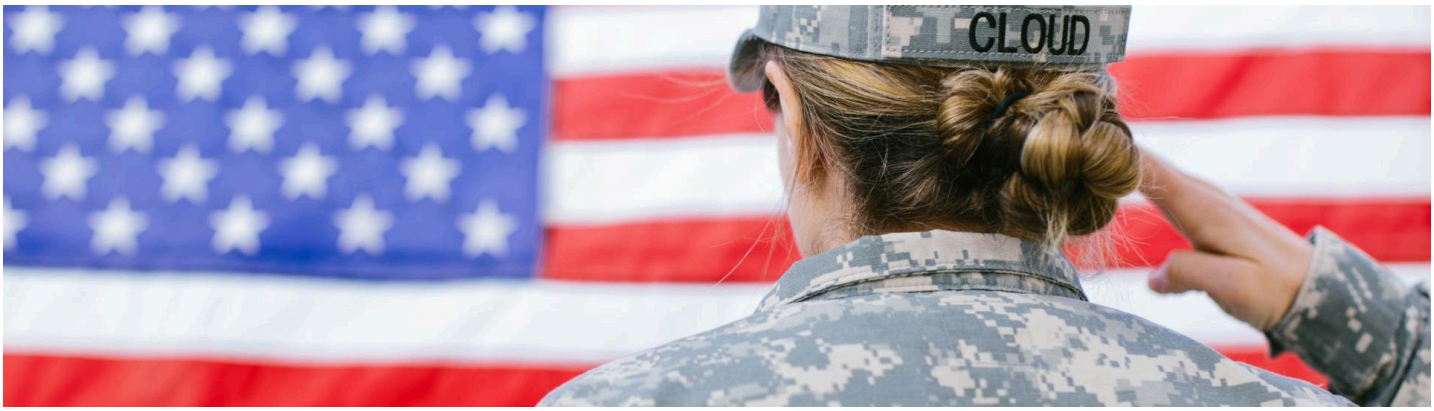
Aerospace Studies (Minor)

Courses

AEROS 100R - Leadership Laboratory
AEROS 101 - Leadership Laboratory--Freshmen.
AEROS 110 - Department of the Air Force (DAF) Professionalism
AEROS 111 - Department of the Air Force (DAF) Professionalism
AEROS 143R - Physical Training - Air Force ROTC
AEROS 190R - Air Force ROTC Auxiliary
AEROS 200 - Leadership Laboratory--Sophomores.
AEROS 201 - Leadership Laboratory--Sophomores.
AEROS 210 - Team and Leadership Fundamentals
AEROS 211 - Team and Leadership Fundamentals

AEROS 300 - Leadership Laboratory--Juniors.
AEROS 301 - Leadership Laboratory--Juniors.
AEROS 310 - Leading People and Effective Communication
AEROS 311 - Leading People and Effective Communication
AEROS 399R - Academic Internship: Leadership Intern Program
AEROS 400R - Leadership Laboratory--Seniors.
AEROS 401R - Leadership Laboratory--Seniors.
AEROS 410 - National Security, Leadership Responsibilities, and Commissioning Preparation
AEROS 411 - National Security, Leadership Responsibilities & Commissioning Preparation

Military Science Department



Military Science

Department of Military Science (Army ROTC)

Department Information:

320 ROTC

801-422-3601

armyrotc@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

Admission to Degree Program

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

The Discipline

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

Career Opportunities

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

Adjutant General's Corps (Human Resource Administration)
Air Defense Artillery
Armor

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

General Information

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

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

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

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

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

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

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

Program Requirements

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

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

1. The traditional Army ROTC Leadership Excellence Program extends over a four-year period compatible with normal progression through four years of college. It consists of two phases: a two-year basic course during the freshman and sophomore years and an advanced course designed for completion during the junior and senior years. Also included is a five-week Leadership Development and Assessment Course normally attended in the summer before the senior year. Students may receive academic credit for the first two years of ROTC by attending the month-long Cadet Initial Entry Training, (CIET) during the summer before the start of the advanced course. Basic course students are required to complete eligibility paperwork during the first two weeks of class.
2. Non-scholarship freshman and sophomore students incur no military obligation. Upon entering the advanced course, students agree to serve in the U.S. Army, they then begin to receive the monthly $450 to $500 subsistence allowance.
3. Non-U.S. citizens may participate in the basic course provided they obtain approval from their consulate and the BYU international student division and their travel documents are in order. International students apply for enrollment on a case-by-case basis but cannot participate in the advanced course unless they are pending citizenship. They may not be commissioned as officers until they are U.S. citizens.
4. To receive a commission as a second lieutenant in the U.S. Army, students must earn a baccalaureate degree and complete the advanced course. Those who are in a five-year academic program, such as engineering, may complete their Army ROTC courses at any point before graduation.

5. Upon commissioning, the new second lieutenant incurs an obligation to the U.S. Army, which may be filled by serving on Active Duty, in the U.S. Army Reserve, National Guard, Individual Ready Reserve (IRR), or various combinations of the above.
6. The basic courses comprise the following:
   Mil S 120, 121, 220, 221.
7. The advanced courses comprise the following:
   Mil S 320, 321, 420, 421.
8. Professional Military Education (PME): Before being commissioned, each cadet must complete one of the following military history courses during their course of study at BYU:
   Hist 220, 221, 293, 371, 372, 373, 374, 376, 391.
9. All contracted cadets are required to enroll in STAC 143R section 1 each semester or Mil S 425R for the physical training requirement.

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

Programs

Military Science (Minor)

Courses

MIL S 120 - Leadership and Personal Development
MIL S 121 - Introduction to Tactical Leadership
MIL S 143R - Physical Training - Army ROTC
MIL S 220 - Innovative Team Leadership
MIL S 221 - Foundations of Tactical Leadership
MIL S 320 - Adaptive Team Leadership
MIL S 321 - Leadership in Changing Environments
MIL S 325R - Staff Organization and Operations
MIL S 420 - Developing Adaptive Leaders
MIL S 421 - Leadership in a Complex World
MIL S 425R - Tactical Leadership (Ranger Challenge)

Educational Leadership and Foundations Department



Administration

Chair: Royce Kimmons

Department Information:

306 MCKB

801-422-4291

edlfsec@byu.edu

WEBSITE

Advisement Center:

350 MCKB

801-422-3426

WEBSITE

FACULTY

Graduate Programs Available

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

Courses

EDLF 201 - Foundations of Education
EDLF 362 - Introduction to International Development Education
EDLF 363 - Education, Poverty, and Community Development
EDLF 365 - Education Policy and Research in Developing Countries
EDLF 390R - Special Topics in Education
EDLF 399R - Academic Internship
EDLF 411 - Educational Legal and Ethical Issues for Educators
EDLF 494R - Independent Readings
EDLF 495R - Independent Research
EDLF 515R - Curriculum Innovation
EDLF 515R - Secondary Principl
EDLF 515R - Topics in Community Educating
EDLF 515R - Topics in Elementary Leadership
EDLF 515R - Higher Education Topics
EDLF 515R - Effective Teaching
EDLF 515R - Special Topics in Education
EDLF 515R - Topics in Educational Leadership
EDLF 515R - School Leadership
EDLF 515R - Home-School Relationships
EDLF 515R - Elementary Princip
EDLF 530 - School and Community Programs in Education

Counseling Psychology and Special Education Department



Counseling Psychology and Special Education

Department of Counseling Psychology and Special Education

Administration

Chair: Ellie L Young

Department Information:

340 MCKB

801-422-3857

cpsesec@byu.edu

WEBSITE

Advisement Center:

180 MCKB

801-422-3426

WEBSITE

FACULTY

Admission to Degree Program

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

General Information

Admission to BS Programs

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

- Earn a minimum 3.0 total high school or college GPA (whichever is most recent)
- Complete and pass a BCA/FBI fingerprint background check (Contact Education Advisement Center for instructions)
- Complete the Technology Skills Assessment (TSA)
- Meet the Educator Preparation Program (EPP) requirements
- Complete the following prerequisites with a C grade or above:
    - Mild/Moderate Disabilities Emphasis:
        - CPSE 203, CPSE 410, CPSE 480, MthEd 305, MthEd 306
    - Severe Disabilities Emphasis:
        - CPSE 203, CPSE 410, CPSE 480, MthEd 305, MthEd 306
- Successfully pass one of the following basic skills tests (minimum scores listed):
    - ACT
        - 17 Reading
        - 17 Math
        - 5 Writing
    - SAT
        - 435 EBRW
        - 426 Math
        - 4 Essay
    - PRAXIS Core for Educators
        - 134 Reading (subtest #5713)
        - 130 Math (subtest #5733)
        - 132 Writing (subtest #5723)

Additional Licensing Requirements

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

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

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Special Education (BS): Mild/Moderate Disabilities Emphasis

Special Education (BS): Severe Disabilities Emphasis

Courses

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

Communication Disorders Department



Communication Disorders

Department of Communication Disorders

Administration

Chair: Shawn Nissen

Department Information:

105 TLRB

801-422-5117

beth_nisar@byu.edu

WEBSITE

Advisement Center:

350 MCKB

801-422-3426

WEBSITE

FACULTY

Admission to Degree Program

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

The Discipline

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

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

Career Opportunities

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

Program Acceptance Requirements

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

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

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

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

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

Graduation Requirements

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

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

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

Graduate Programs Available

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

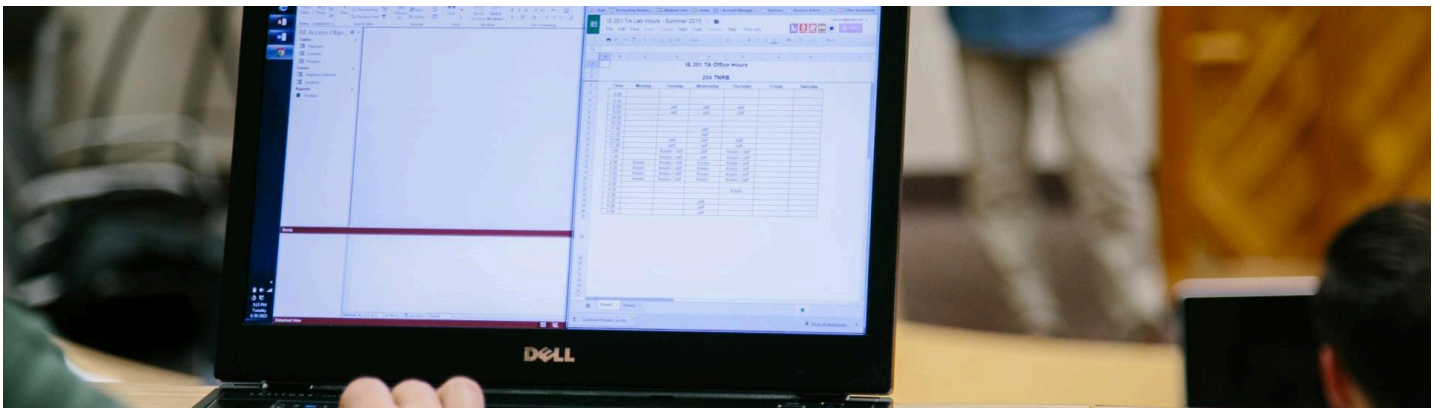
Programs

Communication Disorders (BS) *

Courses

COMD 133 - Introduction to Speech-Language Pathology and Audiology
COMD 211 - Language Science
COMD 213 - Hearing Science and Acoustics
COMD 215 - Speech Anatomy & Physiology
COMD 318 - Graduate School Preparation
COMD 321 - Language Development
COMD 323 - Hearing Tests and Measures
COMD 325 - Clinical Phonetics
COMD 335 - Introduction to Speech Sound Disorders
COMD 370 - Medical Speech Pathology
COMD 420 - Neurofoundations of Language, Speech, and Hearing
COMD 431 - Developmental Language Disorders
COMD 433 - Aural Rehabilitation
COMD 445 - Speech Science
COMD 450 - Professional Practices
COMD 460 - Capstone Clinical Methods and Observation
COMD 493R - Readings
COMD 494R - Undergraduate Research Experience
COMD 495R - Field Experience in Communication Disorders

Instructional Psychology and Technology Department



Instructional Psychology and Technology

Department of Instructional Psychology and Technology

Administration

Chair: Peter J Rich

Department Information:

150 MCKB

801-422-5097

ipt@byu.edu

WEBSITE

Advisement Center:

350 MCKB

801-422-3426

WEBSITE

FACULTY

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

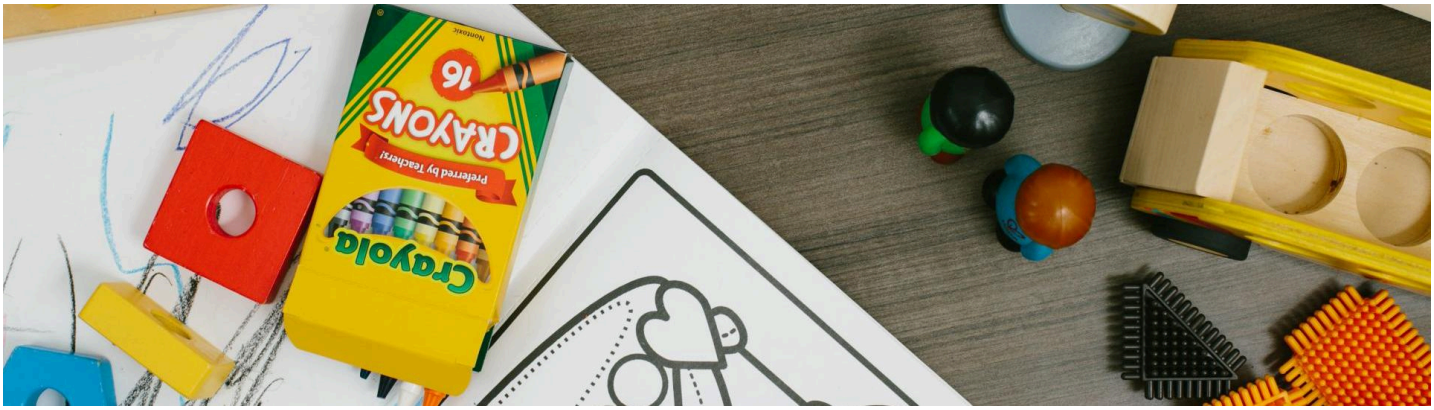
Design Thinking (Minor)

Courses

IP&T 286 - Instructional Technology in Teaching
IP&T 287 - Instructional Technology for Early Childhood Education
IP&T 334 - Integrating Technology in Early Childhood Education.
IP&T 370 - Technology Use in Early Childhood Classrooms
IP&T 371 - Introduction to K-12 Educational Technology
IP&T 372 - Integrating Educational Technology in Elementary Education
IP&T 373 - Teaching in K-12 Online and Blended Learning Contexts
IP&T 387 - Integrating Technology in Special Education 1

IP&T 420 - Design Psychology
IP&T 444 - Integrating Technology in Elementary Education
IP&T 461 - Design Evaluation
IP&T 464 - Instructional Design and eLearning for Business/Non-Profits
IP&T 470R - Undergraduate Research Training
IP&T 487 - Integrating Technology in Special Education 2
IP&T 498R - Interdisciplinary Product Design for Education
IP&T 510 - Scholarly Writing and Argumentation
IP&T 515R - Special Topics in Instructional Psychology and Technology
IP&T 520 - Foundations of Instructional Technology
IP&T 531 - Introduction to Open Education
IP&T 538 - Teaching in Online and Blended Learning Environments
IP&T 560 - Instructional Product Development
IP&T 564 - Instructional Design
IP&T 599R - Academic Internship

Teacher Education Department



Teacher Education

Department of Teacher Education

Administration

Chair: **Ryan Nixon**

Department Information:

201 MCKB

801-422-4077

tedsec@byu.edu

WEBSITE

Advisement Center:

175 MCKB

801-422-3426

WEBSITE

FACULTY

Admission to Degree Program

Admission to programs in the Teacher Education Department is by department approval. Please see Education Advisement Center, 175 MCKB, for specific details.

Additional Educator License Endorsements

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

See Education Advisement Center, 175 MCKB, for further information.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

TEAML (Minor)
Elementary Education (BS)
Early Childhood Education (BS)
Physical Education Tchg/Coaching (K-12) (BS)
PE Teaching/Coaching (Minor)

Courses

ECE 200 - Foundations of Early Childhood Education
ECE 202 - Foundations of Child Development
ECE 299R - Prek-K Practicum
ECE 301 - Physical Education, Health, and Play
ECE 322 - Parenting and Child Guidance in Early Childhood
ECE 323 - Integrated Curriculum in Programs for Young Children
ECE 324 - Planning and Management
ECE 327 - Assessment and Action Research in Early Childhood Programs
ECE 330 - Social-Emotional Development and Child Guidance
ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar
ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum
ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)
ECE 334 - Introduction to Early Childhood Education
ECE 335 - Early Childhood Education Integration Methods
ECE 336 - Planning and Assessment in Early Childhood Education (Pre K-3)
ECE 337 - Family, School, and Community Partnerships in ECE
ECE 340 - Literature for Young Children
ECE 353 - Emergent Literacy
ECE 355 - Language Development
ECE 399R - Primary Grade Practicum
ECE 422 - Preschool or Kindergarten Student Teaching
ECE 425R - Grades K-3 Student Teaching
ECE 427 - El Ed/ECE Emphasis Capstone Seminar.
ECE 430 - Families, Schools, and Communities
ECE 433 - Teaching Literacy in Early Childhood Classrooms (Pre K-3)
ECE 441 - Early Childhood Education Primary Grade Seminar
ECE 442 - Primary Grade Practicum
ECE 444 - Teaching Social Studies in Early Childhood Classrooms (prek-3)
ECE 445 - Teaching Social Studies in Early Childhood Classrooms (Pre K-3)
ECE 446 - Teaching Science in Early Childhood Classrooms (Pre K-3)
ECE 447 - Teaching Mathematics in Early Childhood Classrooms (Pre K-3)
ECE 493R - Independent Readings or Project
ECE 496R - Academic Internship
EL ED 200 - Introduction to Education
EL ED 203 - Foundations of Multicultural Education
EL ED 213 - Instructional Design and Assessment for all Learners
EL ED 299R - Classroom Management and Practicum 1
EL ED 310 - Planning and Assessment 1
EL ED 323 - Foundations of Literacy Development
EL ED 324 - Foundations of Classroom Management
EL ED 330 - K-2 Practicum Seminar
EL ED 332 - Practicum in Grades K-2
EL ED 333 - Teaching Literacy in the Primary Grades (K-2)
EL ED 340 - Children's Literature
EL ED 343 - Language Acquisition in Elementary Education
EL ED 344 - Content-Based Literacy
EL ED 345 - Family, School, and Community Partnership
EL ED 399R - Classroom Management and Practicum 2
EL ED 400R - Elementary Student Teaching
EL ED 410 - Planning and Assessment 2
EL ED 435 - Teaching Writing in the Elementary Grades (K-6)
EL ED 440 - Grades 3-6 Practicum Seminar
EL ED 442 - Practicum in the Elementary Education 3-6 Classroom
EL ED 443 - Teaching Literacy in the Intermediate Grades (3-6)
EL ED 445 - Teaching Social Studies in Grades K-6
EL ED 446 - Teaching Science in Grades K-6
EL ED 447 - Teaching Mathematics in Grades K-6
EL ED 493R - Independent Readings or Project
EL ED 496R - Academic Internship
EL ED 589R - Foundations of Literacy
EL ED 589R - Classroom Management
EL ED 589R - Literacy Assessment and Intervention
EL ED 589R - Effective Teaching
EL ED 589R - Content-Area Literacy
EL ED 589R - K-6 Math Topics (TBA)
EL ED 589R - Special Topics in Education
EL ED 589R - Comprehension Instruction
EL ED 589R - Technology Practicum
EL ED 589R - Arts Education
EL ED 589R - Writing Instruction
EL ED 589R - Utah Math Core Curriculum
EL ED 589R - K-6 Algebra and Geometry
EL ED 589R - Children's Literature
EL ED 589R - Supervision of Literacy Programs
EL ED 589R - K-6 Rational Number
EL ED 589R - Math Pedagogy for Elementary
EL ED 589R - Analysis of Teaching and Learning
EL ED 589R - Perspectives on Elementary Learner

EL ED 589R - Literature for Young People
EL ED 589R - Techniques for Elementary Math
EL ED 589R - Mathematics
EL ED 589R - Literacy Specialist Practicum
EL ED 589R - Literacy Development and Instruction
EL ED 589R - Organization and Administration of Reading Programs
PETE 169 - Elementary Skills and Activities
PETE 212 - Physical and Health Education for Elementary School Teachers
PETE 227 - Fitness for Life
PETE 228 - Team Sport Fundamentals and Fitness for Life
PETE 230 - K-12 Physical Activities Content and Skills 1
PETE 231 - K-12 Physical Activities Content and Skills 2
PETE 232 - Physical Education Pedagogy
PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education
PETE 276R - Exploration of Teaching
PETE 300 - Advocacy for Physical Education
PETE 301 - K-12 Healthy and Active Lifestyle Management
PETE 302 - Advocacy for Physical Education and Healthy and Active Lifestyles
PETE 330R - Coaching Selected Sports
PETE 335 - Coaching Competitive Swimming
PETE 341 - Coaching Basketball
PETE 342 - Coaching Track and Field
PETE 344 - Coaching Football
PETE 345 - Coaching Volleyball
PETE 346 - Coaching Baseball and Softball
PETE 347 - Coaching Soccer
PETE 364 - Scientific Bases of Sport: Motor Learning.
PETE 366 - Exercise Physiology for Physical Educators
PETE 367 - Scientific Foundations for Physical Education Teachers
PETE 377 - Secondary Practicum
PETE 399R - Academic Internship: Coaching
PETE 430 - Principles of Coaching
PETE 450 - Psychology of Sport
PETE 461 - Adapted and Multicultural Physical Education for Teaching Majors
PETE 476R - Student Teaching - Physical Education
PETE 477R - Secondary Minor Student Teaching
PETE 496R - Academic Internship - Physical Education
SC ED 250 - Literacy and Learning for the Disciplines
SC ED 276R - Exploration of Teaching
SC ED 276R - Exploration of Teaching: Health
SC ED 276R - Exploration of Teaching: Theatre and Media Arts
SC ED 276R - Exploration of Teaching: Foreign Language
SC ED 276R - Exploration of Teaching: Art
SC ED 276R - Exploration of Teaching: Exercise Sciences
SC ED 276R - Exploration of Teaching: Dance
SC ED 276R - Exploration of Teaching: Technology Teacher Education
SC ED 276R - Exploration of Teaching: Physical Science
SC ED 276R - Exploration of Teaching: English
SC ED 276R - Exploration of Teaching: Biological Sciences
SC ED 276R - Exploration of Teaching: Mathematics
SC ED 276R - Exploration of Teaching: Music
SC ED 350 - Adolescent Development in an Education Context
SC ED 353 - Foundations of Multicultural Education
SC ED 375 - Adolescent Development and Classroom Management
SC ED 377R - Teaching Methods and Instruction
SC ED 379 - Classroom Management
SC ED 380 - Content-Area Literacy
SC ED 476R - Secondary Student Teaching - Mathematics
SC ED 476R - Secondary Student Teaching - Foreign Language
SC ED 476R - Secondary Student Teaching - Physical Science
SC ED 476R - Secondary Student Teaching - Spanish
SC ED 476R - Secondary Student-Teaching
SC ED 477R - Secondary Minor Student Teaching
SC ED 490R - Senior Seminar
SC ED 493R - Readings
SC ED 496R - Academic Internship: Biological Sciences
SC ED 496R - Academic Internship: Mathematics
SC ED 496R - Academic Internship: Physical Sciences
SC ED 496R - Academic Internship: English
SC ED 496R - Academic Internship: Secondary Education
SC ED 589R - Foundations of Literacy
SC ED 589R - Comprehension Instruction
SC ED 589R - Special Topics in Education
SC ED 589R - Effective Teaching
SC ED 589R - Content-Area Literacy
SC ED 589R - Classroom Management
SC ED 589R - Writing Instruction
SC ED 589R - Literature for Young People
SC ED 589R - Organization and Administration of Reading Programs
SC ED 589R - Supervision of Literacy Programs
SC ED 589R - Literacy Assessment and Intervention
SC ED 589R - Literacy Specialist Practicum
SC ED 589R - Sciences
SC ED 589R - Literacy Development and Instruction
T ED 589R - Mathematics for Teaching K-8: Numbers and Operations
T ED 589R - Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning
T ED 589R - Mathematics for Teaching K-8: Assessment and Intervention
T ED 589R - Mathematics for Teaching K-8: Data Analysis and Problem Solving
T ED 589R - Mathematics for Teaching K-8: Geometry and Measurement
T ED 589R - Special Topics in Education
T ED 589R - Mathematics for Teaching K-8: Algebra Reasoning
TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings
TELL 440 - Content-Based Language Instruction
TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings
TELL 478R - Dual-Language Immersion K-12 Student Teaching
TELL 589R - Assessment of English Language Learners K-12
TELL 589R - Current Topics in English Language Learning
TELL 589R - Understanding Second Language Acquisition for K-12 Schools
TELL 589R - Family, School, and Community Collaboration for English Language Learners
TELL 589R - Culture, Issues, and Policy for Educating English Language Learners
TELL 589R - Literacy Development for English Language Learners
TELL 589R - Content-Based Instruction for English Language Learners
TML 400 - Foundations in Teaching Multilingual Learners
TML 410 - Disciplinary Literacy in an Additional Language
TML 420 - Assessment and Planning for Multilingual Learners
TML 430 - Adolescent Literacy in an Additional Language
TML 442R - TEAML Practicum
TML 450 - Family, Home, and Community Partnerships

Chemical and Biological Engineering Department



Chemical and Biological Engineering

Department of Chemical and Biological Engineering

Administration

Chair: Dean R. Wheeler

Department Information:

330 EB

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WEBSITE

Chemical and Biological Engineering Advisor:

Lavdie Huff

330A EB

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FACULTY

The Discipline

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

Educational Objectives

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

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

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

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

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

Career Opportunities

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

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

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

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

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

In research, they develop new ideas, new products, and new ways to produce existing products more economically and with less environmental impact.

In design, they create the processes that convert raw materials into finished products with emphasis on efficiency, safety, consumer needs, and environmental protection.

The development engineer improves existing processes and technology to better meet changing needs.

Production engineering involves supervision, quality control, and testing of production processes and operations.

Management and technical sales involve decision making with regard to consumer needs and technical capabilities.

Chemical engineers are creative problem solvers. Their careers are rewarding not only from an intellectual and financial view, but also from a personal perspective. Affecting the lives of millions, their solutions provide a better lifestyle for mankind.

General Information

The Chemical and Biological Engineering Department offers a professional program leading to the bachelor of science degree.

Any student who is admitted to the university may choose this program as a possible major. All students are urged to declare their intention to major in the department upon first entry to the university or as soon thereafter as possible by contacting the department advisor (330A) or by declaring online in MyMap. The Chemical and Biological Engineering Department requires the student to meet with their department advisor upon completion of Ch En 273 and Math 302 or equivalent.

Transfer Students. Provisions have been made so that a qualified student transferring from a junior college or from another university, college, or department, who has completed the equivalent of the first two years of the academic program, can complete the BS degree requirements in another two years. Contact the department at the earliest date possible so that any variations can be accommodated with minimum loss of time.

Integrated Master's Program. At the end of the sophomore year or during the junior year, qualified students desiring a master's degree in chemical engineering may elect to enter the integrated master's program. The purpose of this program is to afford greater flexibility in scheduling course work than is normally available through the traditional BS degree followed by MS degree program. In this program students may work toward both the bachelor's and master's degrees simultaneously, either receiving the BS degree before or at the same time as the MS degree. At the end of the sophomore year students must have a cumulative GPA of 3.5 or more. All credit to be counted toward the master's degree must carry a cumulative GPA of 3.0 or better.

Before completing the final 30 hours of undergraduate course work, students should submit a formal application for admission to the Office of Graduate Studies. Additional details may be obtained from the college advisement center.

Professional Registration. The Chemical and Biological Engineering Department encourages graduates to become registered professional engineers. General qualifications for becoming registered are explained in the Ira A. Fulton College of Engineering section of this catalog. Some states require this status for consulting and practice in the private sector. Successful completion of the basic chemical engineering program prepares graduates to pass the Fundamentals of Engineering (FE) examination. Students who wish to become registered as professional engineers are also advised to talk to their advisor about developing their own professional engineering option, which may include additional FE preparation courses.

Professional Program Admission Policy. Admission to the professional program is available to all students in good academic standing with the university who have (a) passed the prerequisite courses for the first-semester professional courses, namely Ch En 273 and Math 302, and (b) submitted to the department an Application for the Chemical Engineering Professional Program.

The Application for the Chemical and Biological Engineering Professional Program requires the student to meet with their department faculty advisor for direction and counseling with regard to performance in the preprofessional program courses and successful completion of the professional program.

Academic Standards Policy. To help students 1) identify if chemical engineering is a good academic fit, 2) successfully complete the chemical engineering program, and 3) become technically competent engineers capable of performing professional duties in the field, the department has set the **academic standards** enumerated below. For this policy, *major courses* are defined as those used to fulfill the Program Requirements listed for a BS in Chemical Engineering in the Undergraduate Catalog and are found under subheadings *preprofessional*, *professional*, *supporting*, and *technical electives*. Since all grades earned for a course (original and retakes) are retained in university records and GPA calculations, only the most recent grades for retaken courses are considered for purposes of this policy. Also, this policy only applies to those courses used to fulfill graduation requirements.

1. To ensure proper preparation for and successful completion of the chemical engineering program, students must meet the following criteria to register for any upper-division professional courses (i.e. Ch En courses 300 level and above),
    - Have no more than 4 total hours of less than C- credit in any *preprofessional* or *supporting* course(s) satisfying program requirements, only 3 of which can be from chemical engineering courses.
    - Pass Ch En 273 with a C- or above.
2. To help correct technical weaknesses as soon as they are identified, a student who accumulates grades below C- in excess of 6 hours in any course(s) satisfying major requirements (*preprofessional*, *professional*, *supporting*, and *technical electives*) may not take further chemical engineering courses until the unacceptable credits have been reduced to 6 hours or less.
3. To demonstrate that graduates from the Chemical and Biological Engineering department are technically competent to perform professional duties in the field, a student may not graduate with more than 4 total hours below C- in any course(s) satisfying major requirements (*preprofessional*, *professional*, *supporting*, and *technical electives*), only 3 of which can be from chemical engineering.
4. A professional program course may not be retaken more than once.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

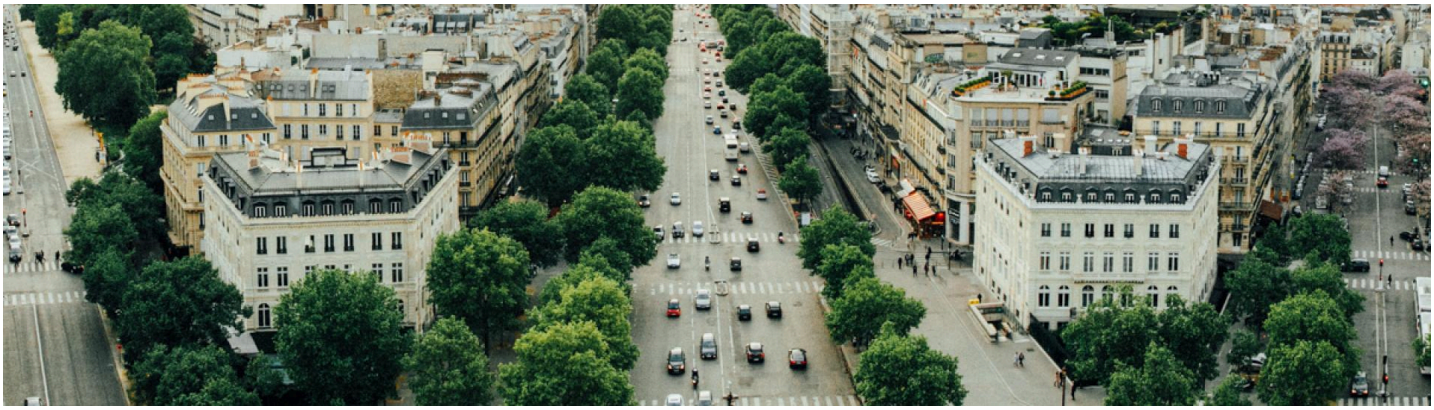
Chemical Engineering (BS)

Courses

CBE 170 - Introduction to Chemical and Biological Engineering
CBE 191 - Global Impact of Chemical and Biological Engineers
CBE 199R - Academic Internship
CBE 263 - Computational Tools for Chemical and Biological Engineers
CBE 273 - Chemical and Biological Process Principles
CBE 285 - Chemical and Biological Process and Fluids Lab
CBE 291 - Career Skills 1
CBE 311 - Chemical and Biological Engineering and Society-Health, Safety, and the Environment
CBE 345 - Materials and Reactions Lab
CBE 351 - Fundamentals of Biomedical Engineering
CBE 373 - Chemical and Biological Engineering Thermodynamics.
CBE 374 - Fluid Mechanics
CBE 376 - Heat and Mass Transfer
CBE 378 - Science of Engineering Materials
CBE 385 - Thermodynamics and Transport Lab
CBE 386 - Chemical Reaction Engineering
CBE 391 - Career Skills 2
CBE 400 - Creative Skills in Chemical and Biological Engineering
CBE 410 - Principles of Petroleum Engineering
CBE 412 - Introductory Nuclear Engineering
CBE 426 - Machine Learning for Engineers
CBE 433 - Energy Engineering
CBE 436 - Process Control and Dynamics
CBE 445 - Separations and Process Control Lab

CBE 451 - Chemical and Biological Engineering Capstone I: Process Design
CBE 461 - Chemical and Biological Engineering Capstone II: Projects
CBE 476 - Separations
CBE 479 - Unit Operations Laboratory
CBE 481 - Introduction to Semiconductor Processing
CBE 491 - Networking for Career Advancement
CBE 493R - Special Topics--Undergraduate
CBE 495R - Global Engineering Outreach Projects
CBE 496 - Academic Internship Thesis
CBE 498R - Undergraduate Research
CBE 499 - Mentored Research and Thesis
CBE 512 - Nuclear Reactor Transient Modeling
CBE 513 - Molecular Modeling
CBE 518 - Biomedical Engineering Principles
CBE 519 - Biochemical Engineering
CBE 522 - Combustion
CBE 528 - Industrial Catalytic Processes
CBE 531 - Thermodynamics of Multicomponent Systems
CBE 533 - Transport Phenomena
CBE 535 - Kinetics and Catalysis
CBE 536 - Machine Learning and Dynamic Optimization
CBE 541 - Numerical Methods for Engineers
CBE 561 - Electrochemical Methods and Applications
CBE 578 - Polymer Science and Engineering
CBE 593R - Special Topics - Intermediate
CBE 618 - Advanced Biomedical Engineering

Civil and Construction Engineering Department



Civil and Construction Engineering

Department of Civil and Construction Engineering

Administration

Chair: Grant Schultz

Department Information:

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WEBSITE

Advisement Center:

Emily Platt

430A EB

801-422-2814

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WEBSITE

FACULTY

Admission to Degree Program

The degree programs in the Department of Civil and Construction Engineering are open enrollment.

The Discipline

The BYU Department of Civil and Construction Engineering prepares students for highly rewarding careers in the fields of engineering and management within the built environment. Students are prepared to make an impact through professional involvement in a chosen emphasis of civil engineering or focus on management through the construction or facilities and property management programs.

Students preparing for involvement in a civil engineering discipline prepare to sit for the Fundamentals of Engineering exam upon graduation and begin their work to become a Professional Engineer in one of the follow disciplines:

Structural engineers analyze and design buildings, bridges, and other structures. The engineer applies principles of physics, mathematics, and engineering to develop efficient yet safe designs. Sophisticated computer models are used in these analyses. Materials used by structural engineers include steel, aluminum, concrete, masonry, wood, and composites.

Water resource and environmental engineers design pipeline systems, water treatment plants, dams, flood control structures, waste disposal sites, and environmental restoration projects. Computer modeling and analyses are used in design and to forecast storm runoff, flooding, and movement of contaminants in surface and subsurface waters. Environmental engineers evaluate and reduce pollutants from natural, human, agricultural, and industrial sources to preserve the beauty and quality of air, land, and water.

Geotechnical engineers design structures composed of or located within earth materials, including foundations for buildings and bridges, retaining walls, earth dams, highway embankments, tunnels, and liners for landfills. Field and laboratory tests on soil and rock, along with empirical and computer models, are used to assure safety and economy in design.

Traffic and transportation engineers apply scientific principles to the planning, design, construction, operation, and management of transportation systems, including highways, airports, and mass transit facilities. Transportation engineers are responsible for the safe, rapid, comfortable, convenient, economical, and environmentally compatible movement of people and goods. Computer models and simulations are frequently used by traffic engineers for geometric design and for planning, operating, and managing transportation networks, including intermodal systems.

The Construction Management and Facility and Property Management programs are non-engineering programs preparing students to take leadership and management roles.

Construction managers complete a program designed to give students training and experience in construction management by providing a broad background in construction technology, business, design, architecture, and engineering, with specific emphasis on management within the construction industry. Graduates fill middle-management positions such as superintendents, estimators, schedulers, field engineers, inspectors, general contractors, sales representatives, and construction insurance or bonding personnel. Many go on to graduate studies in architecture, law, or business administration.

Facility and property managers complete a program that is all about leadership. Students prepare to become qualified and competent facility managers that can work at senior levels to better manage the real estate portfolio and facilities that are a critical part of any business entity. The program will assist in the perfection, beautification, and operational knowledge of physical facilities in bringing forth Zion. The program works to be a world leader in facility management education, physical asset management, and facility research.

Program Educational Objectives

The undergraduate programs in civil and construction engineering have the following educational objectives:

1. Develop innovative engineers and leaders who competently apply recognized technical methods to meet human needs for water, shelter, and transportation.
2. Develop leaders with global awareness who hold paramount the safety, health, and welfare of the public while sustaining and protecting the environment.
3. Develop citizens with moral character and commitment to the gospel of Jesus Christ who provide life-long service to the public, church, and professional community.
4. Develop life-long learners that contribute with immediate and real impact to the building of the Kingdom of God and the establishment of Zion throughout the world.

Career Opportunities

Graduates from the Civil and Construction Engineering Programs are employed throughout the Architecture, Engineering, and Construction (AEC) industry. Many graduates enter private consulting practices, and many eventually establish their own firms. Graduates are also employed by national, state, and local governments. Departments of transportation, environmental protection agencies, the Army Corps of Engineers, The Bureau of Reclamation, and countless public and private organizations hire many students.

The programs offered through the Civil and Construction Engineering department may also be used as a preprofessional program for careers in architecture, law, and business.

General Information

Students are strongly encouraged to consult with the department regarding their course scheduling. Prospective transfer students should contact the department as soon as possible so that any variations can be accommodated with a minimum loss of time.

No more than 9 credit hours of grades below C- in major courses may be applied toward graduation. A student who fails to pass a department course after three attempts (including E grades and W's) will be terminated from the program. A student with unique circumstances may seek an appeal of that decision to the undergraduate committee.

Professional Engineer Registration

Because civil engineers design structures that affect public health and safety, licensure as a Professional Engineer is required for most positions in the industry. A necessary prerequisite for licensure is graduation from an accredited engineering program. The civil engineering program is fully accredited by the Accreditation Board for Engineering and Technology (ABET).

The Department of Civil and Construction Engineering encourages graduates to become registered Professional Engineers. This status is vital to engineering practice in the public sector and consulting work. The civil engineering program prepares graduates to successfully complete the Fundamentals of Engineering (FE) examination, an important step in becoming registered.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

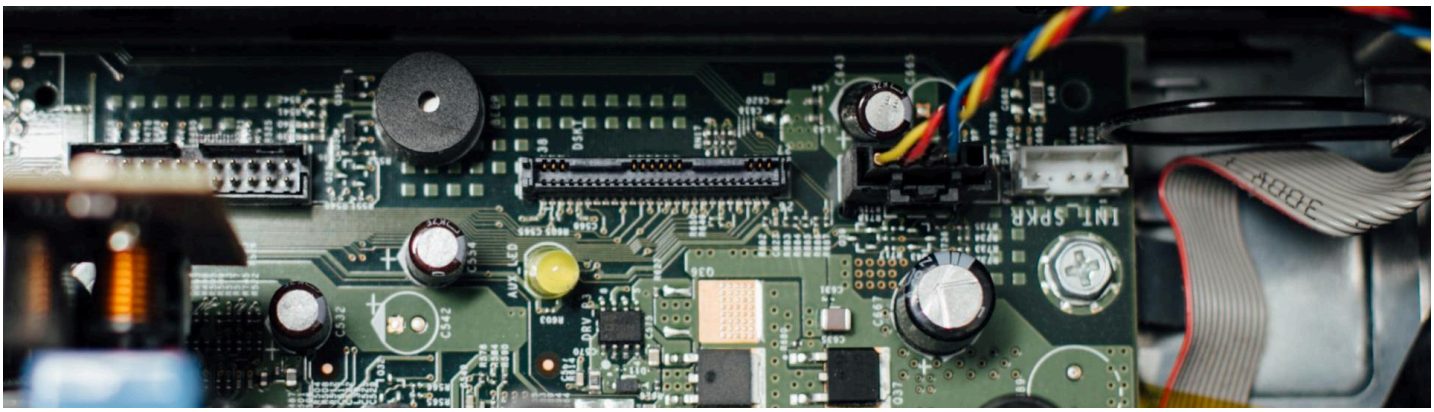
Civil Engineering (BS)
Construction and Facilities Management (BS): Construction Management Emphasis
Construction and Facilities Management (BS): Facility and Property Management Emphasis

Courses

CCE 101 - Introduction to Civil and Construction Engineering
CCE 102 - Sustainable Infrastructure
CCE 103 - Engineering Mechanics--Statics.
CCE 112 - Engineering Drafting
CCE 113 - Construction Modeling
CCE 114 - Geomatics
CCE 122 - Surveying
CCE 194R - Special Topics in Civil and Construction Engineering
CCE 203 - Engineering Mechanics--Mechanics of Materials
CCE 231 - Foundations of Global Leadership
CCE 270 - Computational Methods
CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt
CE 199R - Academic Internship
CE 204 - Engineering Mechanics--Dynamics
CE 232 - Fluid Mechanics
CE 271 - Civil Engineering Communication
CE 291R - Civil Engineering Seminar
CE 321 - Structural Analysis
CE 331 - Hydrology
CE 341 - Elementary Soil Mechanics
CE 351 - Introduction to Environmental Engineering
CE 361 - Transportation Engineering
CE 414 - Engineering Applications of GIS
CE 421 - Structural Steel Design
CE 424 - Reinforced Concrete Design
CE 427 - International Megastructures
CE 433 - Hydraulic Engineering
CE 439 - Water Resources Study Abroad
CE 442 - Foundation Engineering
CE 451 - Environmental Engineering Processes
CE 453 - Water and Wastewater Treatment Design
CE 461 - Geometric Design of Highways
CE 467 - International Megacities
CE 472 - Civil Engineering Design
CE 494R - Special Topics in Civil Engineering
CE 495R - Global Engineering Outreach Projects
CE 498R - Directed Studies in Civil Engineering
CE 499R - Senior Project
CE 500 - (CE - Me En) Design and Materials Applications
CE 501 - (CE - MeEn) Stress Analysis and Design of Mechanical Structures
CE 504 - Nonlinear Structural Analysis
CE 505 - Portland Cement Concrete Mixture Design and Analysis
CE 507 - (CE - Me En) Linear Finite Element Methods
CE 508 - (CE - Me En) Structural Vibrations
CE 514 - Geospatial Environmental Engineering

CE 520 - Structural Design Loads
CE 521 - Seismic Design of Steel Buildings
CE 524 - Prestressed Concrete Design
CE 525 - Bridge Structures
CE 526 - Bridge Preservation
CE 528 - Masonry Design
CE 529 - Structural Wood Design
CE 531 - Principles of Hydrologic Modeling
CE532 - Urban Water Infrastructure
CE 533 - Advanced Hydraulic Routing
CE 534 - Hydroinformatics
CE 535 - Hydraulic Design of Channels and Control Structures
CE 536 - Water Policy
CE 540 - Geo-Environmental Engineering
CE 542 - Deep Foundations and Retaining Systems
CE 543 - Chemical Stabilization of Soils
CE 544 - Seepage and Slope Stability Analysis
CE 545 - Geotechnical Analysis of Earthquake Phenomena
CE 547 - Groundwater Modeling
CE 553 - Mechanical Behavior of Materials
CE 555 - Environmental Chemistry
CE 560 - Climate and Air Quality Impacts of Transportation
CE 562 - Traffic Engineering: Characteristics and Operations
CE 563 - Pavement Design
CE 565 - Transportation Planning & Analysis
CE 566 - Pavement Management
CE 568 - Asphalt Mixture Design and Analysis
CE 570 - (CE - Me En) Computer-Aided Engineering Software Development
CE 572R - R Data Science for Engineers
CE 575 - (CE - Me En) Optimization Techniques in Engineering
CE 580 - Technical Writing for Publication
CE 594R - Selected Problems in Civil Engineering
CFM 105 - Fundamentals of Construction and Facilities Management
CFM 120 - Methods 1 - Structural Systems
CFM 199R - Technical Internship
CFM 210 - Fundamentals of Facility and Property Management
CFM 220 - Methods 2 - Building Systems
CFM 291R - Undergraduate Seminar
CFM 305 - Concrete, Masonry, and Asphalt Methods
CFM 311 - Estimating Processes
CFM 312 - Construction Scheduling and Cost Control
CFM 317R - ASC Competition
CFM 318R - NAHB Competition
CFM 319R - CFM Experiential Learning
CFM 320 - Advanced Building Systems
CFM 333 - Sustainable Design and Architecture
CFM 340 - Operations and Maintenance
CFM 342 - Earthwork and Construction Equipment
CFM 345 - Construction Safety Management
CFM 385 - Construction Contracts and Law
CFM 399R - Capstone Internship
CFM 400 - Managing High Performance Buildings
CFM 411 - Pre-Construction Services
CFM 415 - Construction Project Management and Control
CFM 420 - Commercial Real Estate Management
CFM 425 - Construction Accounting
CFM 426 - Real Estate Development
CFM 433 - Design Studio
CFM 442 - Civil Infrastructure Construction
CFM 445 - Construction Company Operations and Management
CFM 450 - Virtual Design & Construction
CFM 491 - Senior Seminar
CFM 494R - Special Problems in Construction and Facilities Management
CFM 495R - Global Engineering Outreach Projects
CFM 500 - Construction Innovation and Technology
CFM 530 - Construction Company Operations and Human Resources Management
CFM 540 - Managing Risk in Construction
CFM 550 - Construction Company Development and Strategic Planning
CFM 555 - Construction Company Financial Management
CFM 560 - Leadership in the Built Environment
CFM 570 - Infrastructure Asset Management
CFM 580 - Sustainable Community Development
CFM 594R - Special Topics in Construction Management

Electrical and Computer Engineering Department



Electrical and Computer Engineering

Department of Electrical and Computer Engineering

Administration

Chair: Randal Beard

Department Information:

460/450 EB

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WEBSITE

FACULTY

Admission to Degree Program

The degree programs in the Department of Electrical and Computer Engineering are open enrollment.

The Discipline

Electrical Engineering, Computer Engineering, and Cybersecurity are some of the most exciting, diverse, and forward-looking disciplines offered at the university. Contemporary society is in the midst of an information revolution, created in large part from the fruits of electrical and computer engineering and kept safe through cybersecurity. Electrical and computer engineers have been primary contributors to the astonishing developments in communication, computer, and network technology. They have designed devices and systems that have a significant impact on manufacturing, medicine, transportation, and environmental monitoring. Smart phones, tablets, digital cameras, highdefinition television, solar power, microprocessors, lasers, unmanned aerial vehicles, medical imaging systems, and autonomous robotic systems are all examples of devices and systems designed by electrical and computer engineers. Cybersecurity teaches how to make these devices and systems resilient and how to safeguard them. Innovations that flow out of electrical engineering, computer engineering, and cybersecurity sustain the national economy and improve the quality of life for people throughout the world. In the future, society will look to these graduates to address grand challenges ranging from sustainable and efficient energy to health care technologies and global communications networks.

The Department of Electrical and Computer Engineering at Brigham Young University offers accredited degrees in Electrical Engineering, Computer Engineering, and Cybersecurity. Electrical Engineering focuses on microelectronics, electromagnetic, electronic circuits, wireless communications, signal processing, biomedical applications, photonics, and controls. Computer Engineering focuses on the design of digital computing devices and systems and involves hardware and software, operating systems, digital logic, real-time systems, and computer vision. Cybersecurity is a computing-based discipline involving technology, people, information, and processes to protect computing systems from adversaries. It involves the creation, operation, analysis, and testing of secure computing systems. It is an interdisciplinary course of study, including aspects of law, policy, human factors, ethics, and risk management in the context of adversaries. All programs combine fundamental principles with hands-on learning, including an innovative Junior Core experience that integrates classroom knowledge with project based learning

Career Opportunities

Electrical engineers, computer engineers, and cybersecurity graduates are among the most actively recruited students graduating from a four-year program. Baccalaureate graduates typically start their careers as members of project teams with one or more of the following responsibilities: designing digital, analog, or opto-electronic circuits; creating or testing software; testing components or systems; or providing technical support for sales. Later on, many engineers find themselves pursuing managerial careers, starting their own companies, or even managing entrepreneurial funds. Top graduates are also well received by medical schools, law schools, and professional and management programs.

Accreditation

The Computer Engineering BS program is accredited by the Engineering Accreditation Commission of ABET, under the commission's General Criteria and Program Criteria for Computer Engineering.

The Electrical Engineering BS program is accredited by the Engineering Accreditation Commission of ABET, under the commission's General Criteria and Program Criteria for Electrical Engineering.

General Information

Students are strongly encouraged to seek advisement early in their studies to ensure effective course scheduling. Contact the department advisors in 450EB for Electrical and Computer Engineering and 265 CTB for Cybersecurity. Students should enroll in EC En 191 and EC En 192 in their first year of study at BYU.

In Electrical and Computer Engineering programs, students are required to pass prerequisite courses in the major with a grade of C– or better before taking follow-on courses.

Professional Registration. The Electrical and Computer Engineering Department provides the option for graduates to become registered professional engineers. General qualifications for becoming registered are explained in the Ira A. Fulton College of Engineering section of this catalog. This status is vital to engineering practice in the public sector and to much consulting work. The basic electrical and computer engineering program outlined in this department prepares graduates to successfully complete the Fundamentals of Engineering (FE) examination.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

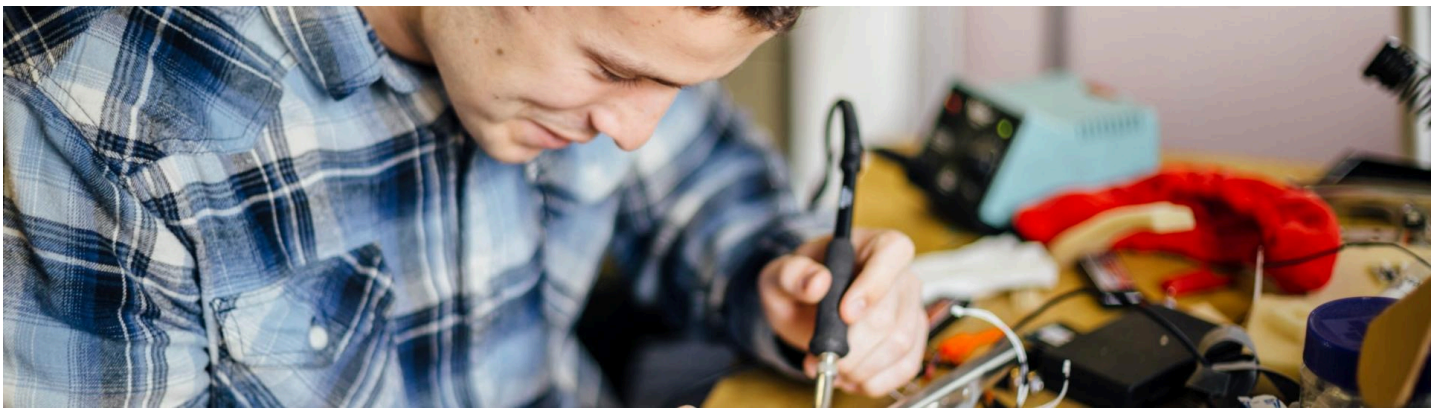
Computer Engineering (BS)
Electrical Engineering (BS)
Cybersecurity (Minor)
Cybersecurity (BS)

Courses

CYBER 110 - Introduction to Cybersecurity
CYBER 199R - Academic Internship: Cybersecurity
CYBER 210 - Secure Web Development
CYBER 231 - Ethics, Law, and Leadership
CYBER 247 - Networks and Security
CYBER 266 - Adversarial & Cybersecurity Mindset
CYBER 291 - Sophomore Seminar
CYBER 293 - Professional Seminar
CYBER 327 - Digital Communications
CYBER 344 - Operating Systems
CYBER 350 - Database Principles and Applications
CYBER 366 - Defensive Cybersecurity
CYBER 391 - Junior Seminar
CYBER 399R - Academic Internship: Cybersecurity
CYBER 444 - System Administration
CYBER 466 - Digital Forensics
CYBER 467 - Cybersecurity and Penetration Testing
CYBER 492R - Special Problems in Cybersecurity
CYBER 495R - Global Engineering Outreach Projects
CYBER 515R - Special Topics in Cybersecurity
CYBER 529 - Advanced Networking
CYBER 530 - Scientific Computing
CYBER 548 - Cyber-Physical Systems
CYBER 555 - Usable & Secure Design
CYBER 562 - Cloud Architecture & Security
CYBER 585 - Encryption Implementation
CYBER 592R - Government Cybersecurity Preparation
EC EN 191 - New Student Seminar

EC EN 192 - Freshman Project
EC EN 199R - Academic Internship
EC EN 224 - Introduction to Computer Systems
EC EN 225 - Computer Systems Laboratory
EC EN 240 - Circuit Analysis and Laboratory
EC EN 301 - Elements of Electrical Engineering.
EC EN 320 - Fundamentals of Digital Systems
EC EN 330 - Introduction to Embedded System Programming
EC EN 340 - Electronic Circuit Design 1
EC EN 360 - Electromagnetic Fields and Waves
EC EN 380 - Signals and Systems
EC EN 390 - Junior Team Design Project
EC EN 391 - Junior Seminar
EC EN 423 - Computer Organization
EC EN 426 - Computer Networks
EC EN 427 - Embedded Systems
EC EN 433 - Introduction to Robotics and Autonomy
EC EN 445 - Introduction to Mixed-Signal VLSI
EC EN 446 - Power Electronics
EC EN 450 - Introduction to Semiconductor Devices
EC EN 452 - Experiments in Integrated Circuit Development
EC EN 462 - Electromagnetic Radiation and Propagation.
EC EN 464 - Wireless Communication Circuits
EC EN 466 - Introduction to Optical Engineering
EC EN 471 - Machine Learning: Foundations and Applications
EC EN 475 - Capstone Design 1
EC EN 476 - Capstone Design 2
EC EN 483 - (EC En-Me En 431) Design of Control Systems.
EC EN 485 - Introduction to Digital Communication Theory
EC EN 487 - Introduction to Discrete-Time Signal Processing
EC EN 493R - Special Topics in Electrical and Computer Engineering
EC EN 512 - Biomedical Instrumentation
EC EN 520 - Advanced Digital Systems
EC EN 521 - Introduction to Algorithm Design
EC EN 522R - Special Topics in Computer Systems
EC EN 523 - Computer System Reliability
EC EN 526 - Wireless Networking
EC EN 528 - High Performance Parallel Computing
EC EN 536 - Autonomous Aircraft Guidance, Navigation, and Control
EC EN 541 - Active and Passive Filter Design
EC EN 542R - Special Topics in Electronics
EC EN 543 - CMOS Amplifier Design
EC EN 548 - Analog CMOS Circuit Design
EC EN 549 - VLSI Communication Circuit Design
EC EN 550 - (EC En-Me En) Microelectromechanical Systems (MEMS).
EC EN 551 - Introduction to Digital VLSI Circuits
EC EN 555 - Optoelectronic Devices
EC EN 560 - Electromagnetic Wave Theory
EC EN 562 - Integrated Quantum and Classical Photonics
EC EN 563 - Numerical Methods for Engineering
EC EN 564 - Radar and Communication Systems
EC EN 567 - Physical Optics
EC EN 568 - Microwave Remote Sensing
EC EN 576 - Medical Imaging and Image Reconstruction
EC EN 595 - Fundamentals of Patents and Other Intellectual Property
EC EN592R - Teaching Experience for ECEn
MFGEN 318 - Manufacturing Electronics and Microsystems

Manufacturing Engineering Department



Manufacturing Engineering

Department of Manufacturing Engineering

Administration

Chair: Michael Miles

Department Information:

265 CTB

801-422-6300

mfgen@byu.edu

WEBSITE

Advisement Center:

265 CTB

801-422-1818

ctb_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The degree program in the Department of Manufacturing Engineering is open enrollment.

The Discipline

A manufacturing engineer's primary focus is turning raw materials into new products as effectively, efficiently, and economically as possible. Manufacturing engineering includes a wide array of specialties related to product and manufacturing process development. Manufacturing engineering students become familiar with fabrication processes like casting, forming, molding, and welding, along with advanced tools like CNC machining, additive manufacturing (3D printing), automation, and "smart factory" cyber-physical production systems. They learn to implement continuous improvement methodologies like Lean Production and Six Sigma. Manufacturing engineers work to improve quality and efficiency, often using statistical analysis and computer simulation. BYU's Manufacturing Engineering Program combines fundamental principles with a strong element of hands-on experiential learning, leading to an interdisciplinary senior capstone project, where students work with an actual company to bring a new product all the way from initial idea to a functional prototype and design package ready for production.

Career Opportunities

Manufacturing engineers are needed any where physical products are being produced. Manufacturing engineers oversee the process of transforming a product design into a physical object that can be economically and reliably manufactured. Manufacturing engineering students often enter careers in the automotive, aerospace, heavy machinery, medical device, consumer product, or food production industries. They may receive titles such as design engineer, industrial engineer, quality engineer, project manager, process improvement engineer, systems engineer, or production engineer.

Manufacturing engineers sit right in the middle of the action, communicating with other engineers regarding product design, supply chain managers regarding raw materials and equipment, machine operators and line managers regarding process planning, efficiency, and quality, and marketers and accountants regarding demand forecasts and scheduling. They lend their expertise in making designs more manufacturable, determining what processes to use to produce products, and organizing people and equipment to produce the right number of products, at the right time, as efficiently and economically as possible. Many manufacturing engineers also pursue management roles or become entrepreneurs and business owners.

Graduates in manufacturing engineering are well prepared to pursue advanced degrees. Some continue with graduate studies in manufacturing engineering, while others may transition to other engineering fields, an MBA, or law school. The experience, skills, and problem-solving abilities gained in BYU's Manufacturing Engineering Program are transferrable to a wide range of careers.

General Information

Students are strongly encouraged to seek advisement early in their studies to ensure effective course scheduling. Contact the Crabtree Advisement Center (265 CTB). Students should enroll in MFGEN 130: Modern Manufacturing in their first year of study at BYU.

During their senior year, manufacturing engineering students have the opportunity to be certified by the Society of Manufacturing Engineers (SME). The Certified Manufacturing Technologist (CMfgT) Certification is recognized worldwide by the manufacturing industry. Following graduation, manufacturing engineers can fulfill additional work requirements and receive the Certified Manufacturing Engineer (CMfgE) Certification.

Graduation Requirements

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

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

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

Graduate Programs Available

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

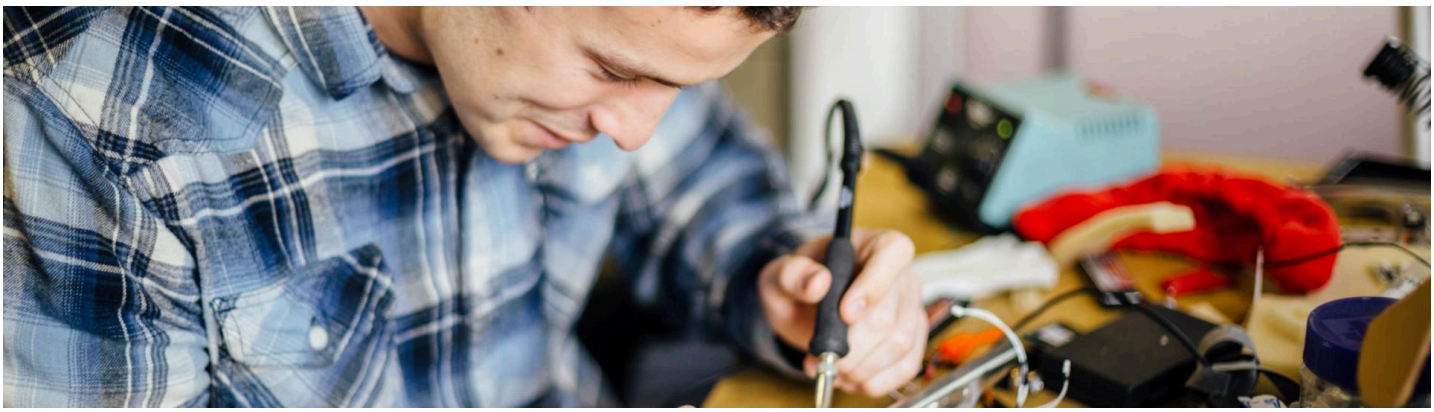
Programs

Manufacturing (Minor)
Manufacturing Engineering (BS)

Courses

MFGEN 130 - Introduction to Manufacturing Engineering
MFGEN 140 - Manufacturing Design
MFGEN 220 - Material Removal
MFGEN 230 - Computer-Aided Manufacturing
MFGEN 291 - Manufacturing Leadership
MFGEN 331 - Metals Processes
MFGEN 333 - Industrial Automation
MFGEN 340 - Quality Systems in Manufacturing
MFGEN 355 - Plastics Materials and Processing
MFGEN 372 - Design for X
MFGEN 381 - Lean Manufacturing & System Design
MFGEN 391 - Junior Seminar
MFGEN 399R - Academic Internship
MFGEN 401 - Data Analysis
MFGEN 431 - Tool Design
MFGEN 433 - Introduction to Smart Manufacturing
MFGEN 435 - Application of Sensors and Instrumentation for Manufacturing
MFGEN 440 - Six Sigma for Manufacturing
MFGEN 456 - Introduction to Composites
MFGEN 479 - Innovation and Entrepreneurship
MFGEN 481 - Manufacturing Systems and Simulation
MFGEN 490R - Special Problems in Manufacturing Engineering
MFGEN 491 - Senior Seminar
MFGEN 531 - Advanced Computer-Aided Manufacturing Programming
MFGEN 532 - Manufacturing Systems
MFGEN 533 - Manufacturing Information Systems
MFGEN 550 - Friction Stir Technologies
MFGEN 556 - Modeling and Simulation of Composites Manufacturing
MFGEN 558 - Metallurgy
MFGEN 572 - Design for Additive Manufacturing
MFGEN 574 - Advanced Tool Design
MFGEN 575 - Packaging Technologies
MFGEN 580 - Manufacturing Simulation
MFGEN 590R - Special Topics in Manufacturing Engineering

Mechanical Engineering Department



Mechanical Engineering

Department of Mechanical Engineering

Administration

Chair: Brian Jensen

Department Information:

360/350 EB

801-422-2625

joan_nelson@byu.edu

WEBSITE

Advisement Center:

246 EB

801-422-4325

engineering_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The degree program in the Department of Mechanical Engineering carries special enrollment limitations. Please see Professional Program Acceptance below.

The Discipline

Mechanical engineers work with concepts, ideas, and products that are primarily mechanical or energy related. Mechanical engineering is a broad discipline that prepares a person to contribute in a wide range of fields such as aerospace, computer graphics, power generation, machine tools, petroleum, agricultural and construction equipment, medicine, robotics, government, and all types of transportation. A mechanical engineer may work in research, design, analysis, manufacturing, testing, operations, sales, or management. Engineers use critical problem-solving methods and basic principles of mathematics and science to creatively solve problems.

Educational Objectives

The objectives of the undergraduate Bachelors of Science program in the Department of Mechanical Engineering at Brigham Young University are to:

1. Teach the fundamental concepts of math, science, and mechanical engineering in order to produce graduates who demonstrate technical excellence and provide service to their profession, community, family, and church.
2. Instill a desire and ability to learn continuously, both through study and faith, to enable graduates to meet the changing demands of their profession and personal life.
3. Provide practical and open-ended engineering experiences in order to develop graduates who think independently and demonstrate leadership and creativity.
4. Engage students in activities to produce graduates who communicate and work effectively and ethically with people of diverse backgrounds.

Program Outcomes

To assure that these objectives are reached, the department has articulated twelve outcomes of the BS program. Each student graduating from this program is expected to have:

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

All courses in the curriculum are designed to help achieve these outcomes.

The curriculum in mechanical engineering is accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology, Inc. (ABET).

Career Opportunities

A bachelor of science degree in mechanical engineering provides widely recognized professional training for careers in industry, government, and other areas. Most industrial companies hire mechanical engineers.

Companies that make mechanical or energy-related products may hire mostly mechanical engineers. As a result, many mechanical engineering positions are available worldwide. Mechanical engineers have job opportunities in companies involved in such areas as aircraft and spacecraft design; manufacturing processes; product safety and reliability; solar energy; electronic equipment packaging and cooling; power plant design; jet, train, truck, and automobile engines; environmental protection; artificial intelligence; robotics; medical and hospital equipment; new material development and applications; and technical writing. Increasing numbers of positions utilize foreign language experience.

A graduate in mechanical engineering is prepared for advanced studies in the field as well as in a variety of other disciplines, including law, medicine, and business administration. Perhaps most important to graduates are the problem-solving strategies and thinking processes acquired in the study of mechanical engineering that help one to succeed in any area of endeavor.

General Information

Any student may choose to major in mechanical engineering and to enroll in all classes in the preprofessional program.

Professional Program Acceptance

Students must be accepted into the professional program before they may take the professional Me En core courses. To apply, students must receive a grade in the courses outlined below. They must also be in good academic standing. Admissions decisions are made by equally weighting the GPA from these courses. (See policies below regarding AP courses and transfer courses.)

- The first physics course taken at BYU from the sequence: PHSCS 121, PHSCS 123, Ec En 101
- The first math course taken at BYU from the sequence: MATH 112, 113, 213, 302, 303, 314, 334
- The first mechanics course taken at BYU from the sequence: ME EN 101, CE EN 203, CE EN 204
- ME EN 191 at BYU (PASS Grade required)

AP Courses: Equivalent credit for AP exams can fulfill graduation requirements; however, since there is no grade assigned to AP courses, they cannot be used to calculate the *Application GPA*. For purposes of calculating the *Application GPA*, students must either (a) take the BYU equivalent course or (b) take the next course in the physics, math, or mechanics sequence.

Transfer Courses. Equivalent credit for non-ABET-accredited courses can fulfill graduation requirements, but cannot be used to calculate the *Applicatoin GPA*. For purposes of calculating the Application GPA, students must either (a) take the BYU equivalent course or (b) take the next course in the physics, math, or mechanics sequence.

Acceptance Criteria. 260 students are granted acceptance to the professional program each year based on the Application GPA. Students may apply for admission more than once, however, each course may be retaken only ONE time (includes withdraws). When a course is retaken, the higher grade will be used to calculate the *Application GPA*. Please see our website: http://me.byu.edu/apply for further information and recent admission data.

Academic Standards and Continuance

On gaining acceptance into the ME professional program, students must maintain a minimum university cumulative GPA of 2.0. No more than 6 credit hours or two courses of passing grades below C– in required program courses (including preprofessional and professional courses) may be applied toward graduation. A professional program course may not be retaken more than once. At least 30 of the 48.5 credit hours of Mechanical Engineering courses (ME EN) must be earned at BYU.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Mechanical Engineering (BS): Aerospace Emphasis
Mechanical Engineering (BS) *

Courses

ME EN 101 - Static Systems in Mechanical Engineering
ME EN 191 - New Student Seminar
ME EN 199R - Academic Internship: International Students
ME EN 204 - Dynamics
ME EN 231 - Leadership in a Global Context
ME EN 250 - Science of Engineering Materials
ME EN 251 - Discovering the Field of Materials Science
ME EN 272 - Engineering Graphics--Principles and Applications
ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
ME EN 275 - Computational Methods in Engineering
ME EN 291 - Job Finding Skills
ME EN 312 - Fluid Mechanics
ME EN 321 - Thermodynamics
ME EN 330 - Design of Mechatronic Systems
ME EN 335 - Dynamic System Modeling and Analysis
ME EN 340 - Heat Transfer
ME EN 351 - Fundamentals of Biomedical Engineering
ME EN 362 - Engineering Measurements
ME EN 372 - Mechanical System Design Fundamentals
ME EN 382 - Manufacturing Processes
ME EN 412 - Applications of Fluid Dynamics
ME EN 415 - Flight Vehicle Design
ME EN 422 - Applied Thermodynamics
ME EN 423 - Global Perspectives on Energy and the Environment
ME EN 425 - Internal Combustion Engines
ME EN 426 - Gas Turbine and Jet Engine Design
ME EN 431 - (Me En-EC En 483) Design of Control Systems
ME EN 437 - Kinematics
ME EN 450 - Engineering Materials: Selection for Design
ME EN 455 - Materials Science Seminar
ME EN 456 - Composite Material Design
ME EN 461 - (Me En-Phscs) Introduction to Acoustics
ME EN 472 - Mechanical Systems Design Applications
ME EN 473 - Interdisciplinary Electro-Mechanical Innovation
ME EN 475 - Integrated Product and Process Design 1
ME EN 476 - Product Development 2 - Capstone
ME EN 479 - Singapore International Product Design and Development
ME EN 482 - Manufacturing Systems Analysis and Design
ME EN 494R - Global Engineering Outreach Projects
ME EN 495R - Mentored Learning for Undergraduate Coursework in Mechanical Engineering
ME EN 497R - Mentored Learning for Undergraduate Projects in Mechanical Engineering
ME EN 500 - (MeEn-CEEn) Design and Materials Applications
ME EN 501 - (MeEn-CEEn) Stress Analysis and Design of Mechanical Structures
ME EN 504 - (Me En-CE En) Computer Structural Analysis and Optimization
ME EN 505 - Applied Engineering Math
ME EN 507 - (Me En-CE En) Linear Finite Element Methods
ME EN 508 - (Me En-CE En) Structural Vibrations
ME EN 510 - Compressible Fluid Flow
ME EN 512 - Intermediate Fluid Dynamics
ME EN 515 - Aerodynamics
ME EN 521 - Intermediate Thermodynamics
ME EN 522 - Combustion
ME EN 523 - (Me En-CE En) Aircraft Structures
ME EN 531 - Aerospace Structural Dynamic Testing
ME EN 534 - Dynamics of Mechanical Systems
ME EN 535 - Mechanical Vibrations
ME EN 536 - Autonomous Aircraft Guidance, Navigation, and Control
ME EN 537 - Robotics - Kinematics, Dynamics, and Control
ME EN 538 - Compliant Mechanisms
ME EN 540 - Intermediate Heat and Mass Transfer
ME EN 541 - Computational Fluid Dynamics and Heat Transfer
ME EN 550 - (Me En-EC En) Microelectromechanical Systems (MEMS).
ME EN 552 - Neuromechanics of Movement
ME EN 553 - Mechanical Behavior of Materials
ME EN 554 - Kinetics of Materials
ME EN 555 - Biomechanical Engineering
ME EN 556 - Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations
ME EN 557 - Materials in Extreme Environments
ME EN 558 - Metallurgy
ME EN 561 - (Me En-Phscs) Fundamentals of Acoustics.
ME EN 570 - (Me En-CE En) Computer-Aided Engineering Software Development
ME EN 572 - Design for Additive Manufacturing
ME EN 573 - Design of Medical Devices
ME EN 575 - (Me En-CE En) Optimization Techniques in Engineering.
ME EN 576 - Product Design
ME EN 577 - Uncertainty Quantification
ME EN 578 - Systems Engineering and CAD Applications
ME EN 579 - Global Product Development
ME EN 585 - Deep Learning for Engineers
ME EN 595R - Topics in Materials
ME EN 595R - Topics in Mechanical Design
ME EN 595R - Advanced Dynamics

ME EN 595R - Special Topics in Mechanical Engineering
ME EN 634 - Autonomous Aircraft Guidance, Navigation, and Control
ME EN 655 - Advanced Biomechanical Engineering

Art Department



Art

Department of Art

Administration

Chair: Collin Bradford

Department Information:

4221 ARTS

801-422-2064

artdepartment@byu.edu

WEBSITE

Advisement Center:

2105 ARTS

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The BA in Art is an open-enrollment program, as is the Art Minor. All other programs within the Department of art are Limited Enrollment programs. Admission to these programs is obtained by department application after completion of a set of prerequisite courses, which vary according to program. Deadlines for applications are in March and November of each year. Please see General Information below for more details, or contact the college advisement center (1-801-422-3777).

The Discipline

The Department of Art is a vibrant community of students, artists, and scholars working together to teach and mentor students in making art with integrity and thinking critically with a foundation in the Gospel. The department has an open structure allowing students to move freely between disciplines while developing as artists, scholars, and teachers. Students develop fluency in the traditions of art and teaching while being pushed to experiment and develop strong conceptually grounded artistic voices. Students can focus on one area of exploration or can pursue an interdisciplinary program of study. Students have access to specialized classrooms, labs, and studio spaces, and work closely with faculty in small classes and a highly personalized and mentored environment.

Career Opportunities

The BA and BFA in Art train students as artists and creative problem solvers. Graduates are prepared to function as independent artists and creative thinkers in a range of disciplines. Graduates successfully pursue graduate studies in art and other disciplines at major universities and art schools around the globe, work as independent artists, find employment as arts administrators and art professionals at galleries, museums, universities and other art related professions.

The art education degree certifies the student as an art specialist in public or private institutions, grades K–12. Other opportunities for the certified art specialist are in foreign school systems, recreation programs, art museum education programs, and galleries. Students qualify for positions in artist-in-the-schools programs and arts councils and as art consultants/coordinators. The degree also provides a foundation for graduate study leading to advanced degrees.

General Information

Talent Awards

All BA, BFA, and Art Education pre-major students in the Department of Art may apply for Talent Awards Scholarships by completing the application found online at https://art.byu.edu/scholarships-grants. The deadline for talent award applications is February 28th each year.

Application Procedures for Freshmen

High school students expecting to be admitted to BYU in Fall semester may apply for the talent award the November of the preceding year. First-year students receiving a Talent Award scholarship are expected to enroll in and complete the core courses in their first semester at BYU.

BA and BFA Programs

The BA in Art is a highly interdisciplinary program encouraging students to combine varied disciplines and approaches to their creative and academic work. Students can pursue traditional art pathways or move fluidly between studio art and related areas like education and community engagement, curation and gallery practices, and commercial and professional applications off artistic skills and ways of thinking. In addition, students successfully leverage the liberal arts education received through an Art BA to achieve professional goals in law, medicine, business and other fields.

BA in Art students select one of four emphases of study: Studio, Arts Administration, Printmaking and Book Arts, or Art & Technology. Additionally, BA in Art students can apply to the BFA in Art after completing sophomore level art courses.

The BFA program is a professional degree focused on developing artists who function at the highest of levels and preparing students for graduate work in art. The program is a vibrant community of students and faculty working together closely in a wide range of disciplines. Students develop fluency in the traditions of art while being pushed to experiment and develop strong conceptually grounded artistic voices. The department and BFA program have an open structure allowing students to move freely between disciplines while developing as artists. Students can focus on one area of exploration or can work out an interdisciplinary program of study. Disciplines include Ceramics, Figure, New Genre, Painting/Drawing, Photography, Printmaking, and Sculpture. Students have beautiful classrooms, labs, and studio spaces, enjoy access to our museum of art and work closely with faculty in small classes and a highly personalized and mentored environment.

The BA in K-12 Art Education guides students both as artists and teachers through engagement with hands-on teaching, curriculum development, and studio work. Students acquire an understanding of schools, teachers, and students through supervised observations and teaching experiences. They also develop a professional portfolio, study contemporary and historical art, and immerse themselves in critical questions about life and creativity. Core classes in drawing, photography, and two- and three-dimensional design familiarize students with the basic principles, concepts, and techniques of various studio areas. Students develop the ability to work and teach proficiently across several areas of artistic expertise, i.e. drawing, photography, sculpture, painting, graphic design, computer graphics, ceramics, printmaking, film, new media/genre, installations, and relational aesthetics/social and public engagements. Graduates from this program are prepared to work as art specialists and are equipped with the skills to teach in primary and secondary schools. The teaching licensure gained as a part of the Art Education major qualifies its graduates for teaching positions in all 50 states.

To learn more about our degree programs, visit: https://art.byu.edu/degrees_and_licensure

Transfer Students

Transfer students in art disciplines must meet with the BA coordinator and the CFAC advisement center to determine transfer credit eligibility.

Degree Program Coordinators/Advisors

Coordinators are appointed to counsel students in each of the three majors: BA Art Education, BA Art, BFA Art. Coordinators advise students about program objectives, course content and sequence, career goals, and other matters pertaining to their major field of study.

Department Probationary Status

Students can be placed on probationary status for the following:

1. Inadequate academic performance.
2. Unprofessional attitude and lack of commitment.
3. BYU Honor Code violations.

Licensure Option

Students pursuing a BA or BFA in art may concurrently enroll in the Art Education Licensure program to fulfill the requirements to receive a teaching license. This is not a second major. https://art.byu.edu/degrees_and_licensure Please review the art education requirements or contact the college advisement center.

Graduation Requirements

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

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

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

Graduate Programs Available

This department also offers graduate degree programs in Art and Art Education. For more information, see Graduate Studies and/or art.byu.edu.

Programs

Art (Minor)
Art Education (Minor) *
Art Education K-12 (BA) *
Art (BFA) *
Art (BA): Studio Emphasis
Art (BA): Arts Administration Emphasis
Art (BA): Printmaking & Book Arts Emphasis
Art (BA): Technology Emphasis

Courses

ART 101 - Introduction to Art and Drawing
ART 102 - Introduction to Art: 2D
ART 104 - Introduction to Sculpture for Non-Majors
ART 105 - Introduction to Ceramics for Non-Majors
ART 110 - Painting for Non-Majors
ART 120 - Watercolor for Non-Majors
ART 122 - Printmaking for Non-Majors
ART 130 - Bookbinding
ART 133 - Introduction to Art: 3D
ART 200 - Studio Techniques for Art History
ART 210 - New Genres and Interdisciplinary Projects
ART 215 - Painting Fundamentals
ART 216 - Ceramics Fundamentals
ART 217 - Sculpture Fundamentals
ART 220 - Introduction to Drawing and Figure Drawing
ART 225 - Printmaking Fundamentals
ART 226 - Approaches to Artmaking
ART 240 - Print and Web Design for Studio Artists
ART 260 - Photography Fundamentals
ART 310 - Installation
ART 320 - 20th Century Art and Theory
ART 321 - Drawing
ART 326 - Current Art Practice
ART 327 - Painting
ART 328R - Figure Drawing and Painting
ART 330 - Advanced Bookbinding
ART 333 - Painting : Aqueous Media
ART 334 - Painting: Materials & Methods
ART 340 - Business Practices for Artists
ART 341 - Exhibition & Gallery Practices for Artists
ART 349 - Advanced Printmaking : Book Arts, Letterpress, & Relief
ART 350 - Advanced Printmaking: Intaglio & Monotype
ART 351 - Advanced Printmaking: Lithography
ART 352 - Advanced Printmaking: Screenprinting & Riso
ART 353 - Time-Based Art
ART 355 - Interdisciplinary Projects
ART 356R - Figure Sculpture
ART 357 - Digital 3D: Sculpture with Digital Tools
ART 358 - Sculpture
ART 359R - Ceramics
ART 360 - Advanced Photography
ART 394R - Special Problems in Art
ART 395R - Studio Seminar
ART 480R - Advanced Studio
ART 490 - BA Exit Portfolio
ART 496R - Academic Internship: Professional Internship
ART 497 - BFA Final Project and Exit Portfolio
ARTED 276 - Introduction to K-12 Art and Design Education
ARTED 326 - Art for Elementary Teachers
ARTED 339 - Computer Application in Art Education
ARTED 378 - K-12 Classroom Management, 3D Methods, and Community Arts Practicum
ARTED 380 - Museum Art Education
ARTED 397 - Issues in Contemporary Art, Aesthetics, and Criticism
ARTED 450 - Advanced Secondary Studio Teaching Methods for Art Educators
ARTED 476R - Art Secondary and Elementary Student Teaching
ARTED 477R - Secondary Minor Student Teaching
ARTED 478 - Art Curriculum Assessment and Methods for K-12 Educators
ARTED 496R - Academic Internship: Secondary Education

ARTED 578R - Art Education Studio

Communications Department



Communications

School of Communications

Administration

Chair: Kris Boyle

Department Information:

360 BRMB

801-422-2997

comms_secretary@byu.edu

WEBSITE

Advisement Center:

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

The Discipline

The BYU School of Communications prepares students for careers in fields related to mass communication, such as advertising, journalism, sports media, public relations, and communications graduate studies. The school is nationally accredited by the Accrediting Council on Education in Journalism and Mass Communication. Grounded in a strong liberal arts foundation, this program provides a balance between scholarship and professional skills. This goal is accomplished by requiring core courses and electives that enhance critical thinking about the discipline, while providing courses in emphasis areas that afford additional skills for each profession. See emphasis descriptions for additional information about their discipline and career opportunities.

Educational Outcomes

The School of Communications exists to help students become professional and scholarly communicators whose messages contribute to a better society by benefiting the organizations for which they work and the audiences they reach.

1. Effective Communication: Students will communicate effectively with their audiences: Specifically, students will be literate in the language of the media industries, and be able to plan and prepare mass communication messages in the appropriate style, using the appropriate research method, and appropriate technologies, to serve audience needs.

2. Professional practice: Students will act professionally in their practice. Specifically, students will demonstrate they. value freedom of speech in the marketplace of ideas, and be able to practice communication within legal boundaries, while exhibiting standards of professional behavior and demonstrating sensitivity to ethical behavior. Students will also be literate in the language of media industries.

3. Mass Communication Process: Students will be scholars of the mass communication process. Specifically, students will be able to apply relevant theory to communication practice, understand factory that shape their profession and think critically about the relationship between mass media and society.

4. Applying Gospel-centered Values: Students will be able to apply Gospel-centered values as they contribute to society. Specifically, they will promote diversity, inclusiveness, and agency in a global society, be able to exercise moral reasoning when faced with ethical dilemmas, and show a commitment to making a difference in their sphere of influence.

*See the BYU School of Communications website (https://comms.byu.edu/about/accreditation) for more information on our learning outcomes.

Admission to Degree Program

The degree programs in the School of Communications have a school application process with specific enrollment limitations. Please see the college advisement center for details, telephone 1-801-422-3777, or online at **http://comms.byu.edu/**.

General Information

Working under faculty direction, students in the school create creative advertising campaigns in the AdLab, use data to design public relations and advertising strategies in the Intelligence Lab, conduct biometric research in the BioComms lab, and publish journalistic and sports media content for the Daily Universe.

The School of Communications seeks to broaden students' awareness of worldwide communications issues and practices, through classes, inspiring learning initiatives, mentored research, lab projects and study abroad.

School Requirements

1. Each student must be formally accepted into a degree program. Contact the college advisement center for admission requirements or online at http://comms.byu.edu.

2. All students must take a campus writing course before applying for admission to the major. **AP credit does not fulfill this requirement. The following writing course fulfills this requirement and satisfies the GE First-Year Writing requirement: WRTG 150.** Our WRTG 150 requirement must be fulfilled by WRTG 150, ELANG 150, M COM 320, an Advanced Written and Oral Communication GE course (WRTG 311, WRTG 312, WRTG 313, WRTG 315 or WRTG 316) or an equivalent transfer course (Transfer classes from other universities must be cleared by the advisement center prior to applying to the program). We do not accept AP English credits or English 115.

3. Every student is required to complete an inspiring learning faculty-mentored experience. If a student does the internship option, the school operates an internship office (280 BRMB) that serves as a clearinghouse for internship information. The responsibility for securing an internship or a faculty mentored experience rests with the student. Students who do an internship (Comms 496R) must process appropriate documents with the Internship Office, and be enrolled in Comms 496R. Students who choose the faculty- mentored options must find a faculty mentor and work with that faculty member to complete and sign a contract for the class.

4. Communications students are required to own or rent a computer.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Communications (Minor)
Communications (BA): Advertising Emphasis*
Communications (BA): Media & Society Emphasis*
Communications (BA): Public Relations and Advertising Emphasis*
Communications (BA): Journalism and Sports Media Emphasis*

Courses

COMMS 101 - Mass Communication and Society
COMMS 230 - Introduction to Creative Advertising
COMMS 235 - Introduction to Public Relations and Advertising
COMMS 238 - Introduction to Communications Studies
COMMS 239 - Introduction to Multimedia Storytelling
COMMS 300 - Media Law and Responsibility
COMMS 301 - Media History and Culture
COMMS 302 - Popular Culture and Media
COMMS 303 - PR and Advertising Leadership and Ethics
COMMS 304 - Media Ethics: Ethical Decision-Making in a Diverse Society
COMMS 305 - Foundations of Journalism and News Literacy
COMMS 306 - Sports Media Research and Strategy
COMMS 307 - Fundamentals of Communications Action
COMMS 308 - Research Methods for Journalism
COMMS 309 - Creative Advertising Insights and Strategy
COMMS 312 - Digital Media Production

COMMS 317 - Public Relations and Advertising Rapid Intelligence
COMMS 318 - Public Relations and Advertising Human Intelligence
COMMS 319 - Communication Research Paradigms
COMMS 320 - PR Writing and Media Relations
COMMS 321 - Multimedia Reporting
COMMS 324 - Feature Writing
COMMS 325 - Video Reporting
COMMS 327R - Special Topics in Broadcasting
COMMS 330 - Creating Advertising Concepts - Portfolio 1.
COMMS 331 - Creating Advertising Concepts - Portfolio 2.
COMMS 333 - Public Relations and Advertising Digital Intelligence
COMMS 335 - TV Commercial Production
COMMS 337 - Public Relations and Advertising Management
COMMS 350 - Public Relations and Advertising Visual Communication
COMMS 351 - Media Technology and Audiences
COMMS 360 - Communication Management Principles and Theory
COMMS 365 - Photojournalism
COMMS 370R - Special Topics in Communications
COMMS 371R - Special Topics in Advertising
COMMS 372 - Advertising Channel Planning
COMMS 373R - Public Relations and Advertising Special Topics
COMMS 381 - International Media Systems
COMMS 382 - Issues in Global Communication
COMMS 384 - Editing for News Media
COMMS 385 - Television News Producing
COMMS 386 - Sports Communication
COMMS 395R - International Media Studies Abroad
COMMS 396R - Communications Practicum
COMMS 399R - Academic Internship
COMMS 406 - Media and the First Amendment
COMMS 409 - Advertising Strategy
COMMS 411 - Media Effects and Health
COMMS 416 - Civic Communication and Public Advocacy
COMMS 420 - Advanced Print Reporting
COMMS 422 - Newsroom Leadership
COMMS 426 - Persuasion in the Media Age
COMMS 433 - Advanced Advertising Concepting - Portfolio 3
COMMS 436 - Public Relations Strategy
COMMS 480 - Media Ethics and Moral Reasoning
COMMS 481 - Family, Gender, and Media
COMMS 482 - Religion, Media, and Society
COMMS 483 - Advanced Communications Studies
COMMS 484 - Publication Graphics and Production
COMMS 485 - Public Relations Campaigns
COMMS 486 - Advanced Broadcast Reporting
COMMS 488 - Advanced Broadcast Producing
COMMS 489 - Creative Advertising Culmination Experience
COMMS 490 - Media Innovations Capstone
COMMS 491R - Student Media Labs
COMMS 495R - Research and Readings in Communication Practice
COMMS 496R - Academic Internship
COMMS 497R - Mentored Research Practicum
COMMS 498R - Projects in Communications

Design Department



Design

Department of Design

Administration

Chair: David Morgan

Department Information:

3107 ARTS

801-422-7323

designdepartment@byu.edu

WEBSITE

Advisement Center:

2105 ARTS

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

Department of Design

The Department of Design prepares visual communicators for careers in a broad range of creative disciplines including animation, graphic design, illustration, photo- & lens- based design, product & user experience design, and other related fields. Students learn to solve complex visual problems and communicate narratives across a wide array of mediums and technologies.

The degree programs within the Department of Design are limited enrollment programs requiring department admissions approval. Students interested in applying for a major should declare their pre-major intent, successfully complete prerequisite courses, and submit an online portfolio for review.

Deadlines for pre-major applications are at the end of the Fall and Winter semesters and Spring term. Students wishing to apply for a BFA professional program should complete foundational courses and then apply through a portfolio review held in June. Students may apply for their program of choice twice. Contact the department for application deadlines. For more detailed information, see Admissions Procedures below or contact the department office at designdepartment@byu.edu or refer to designdept.byu.edu.

Degree Programs

Professional BFA Degrees
Graduates from Department of Design professional BFA programs are fully prepared for careers in the following disciplines—

Animation: Animation majors work in various disciplines that include feature film animation, television animation, visual and special effect studios, entertainment, gaming, and data visualization. Students are given opportunities to develop portfolios as they work on personal and group projects, and major films that will help prepare for a successful career as an artist in animation.

Graphic Design: Graphic Design majors work in a wide array of design-related disciplines including branding, product design, publishing, interaction design, web design, mobile app development, user experience design, service design, motion graphics, and data visualization. Designers often work in traditional design studios, interactive agencies, advertising agencies, and corporate design positions, and as entrepreneurs, freelancers, or design management positions.

Illustration: Illustration majors work as illustrators and artists in the evolving creative industry and find various opportunities in publishing, editorial media, advertising, entertainment, and fine art. Illustrators utilize a variety of media to create artwork for children's books, young adult fiction, genre fiction, graphic novels, motion illustrations, gallery art, product design, textiles, interactive design, and corporate or institutional publications. Illustrators often work in-house for production companies, in design studios, or as freelance artists and creative entrepreneurs.

Product & User Experience Design: Product and User Experience Design majors learn to envision physical and digital products to give users valuable and engaging experiences and to provide value to stakeholders. Taking into consideration a variety of user, business, and implementation needs and constraints, the designer uses a creative, human-centered method to imagine, explore, prototype, test, and iterate compelling product concepts that have impact on the user experience. In this process, a product designer may frequently collaborate with peers from design and other disciplines, including business, marketing, software development, manufacturing, and engineering.

Photo- & Lens-Based Design: Photo- & Lens-Based Design majors focus on creative and expressive forms of contemporary photography, cinematography, and motion design as a means of preparing for a broad spectrum of careers, including commercial/advertising (freelance, in-house), editorial, fashion, documentary, fine art, and multimedia production. Graduate school preparation is also prioritized for those students interested in continuing their education. Through their studies, students mature in technical, aesthetic, and conceptual aspects of image-making in a variety of technologies—ranging from analog to digital. Assignments, critiques, and experiences are designed to aid individuals in further developing their creative practice, personal vision, fluency in the language and craft of photo and lens-based media, and how their work functions in a wider cultural context.

Bachelor of Arts in Interdisciplinary Design Degree
Interdisciplinary Design majors work in various design-related disciplines, including user experience, art direction, visual development, and creative direction. This degree gives students leeway to think and work across fields, becoming design generalists with foundational training in design processes, theory, methods of working, and design applications. The degree is not devised for general exploration of any BFA majors in the department. Students wishing to explore possible design careers are encouraged to pursue BFA degree program courses.

The degree is limited to students with a clear and targeted plan of coursework involving multiple design disciplines in the department.

There are no courses in fashion design, interior design, or architecture.

Admissions

Prospective BYU Students: Prospective students wishing to be admitted into the Design Department should apply to BYU through the regular admissions process at byu.edu/admissions. Admission to BYU does not guarantee admission into the Department of Design degree programs. Prospective students are strongly encouraged to apply for department scholarships. Apply online at https://designdept.slideroom.com. Go to https://designdept.byu.edu/department-scholarships for application deadline information.

Department Admissions: All Design majors are limited enrollment programs that require students to apply for acceptance through a department admissions process. Admitted BYU students should declare their pre-major intent before registering for prerequisite classes. When pre-major coursework is complete, permission to enroll in foundational courses is granted through a portfolio review process. Pre-major portfolio reviews are held online at the end of the Fall and Winter semester and Spring term. Apply online at https://designdept.slideroom.com.

Major Admissions: Upon completion of all prerequisite and foundational courses, students apply for admission to the major of their choice through a portfolio review. Reviews are held in June each year. Contact the department office at designdepartment@byu.edu for more information.

Transfer Students: Transfer students applying for admittance to the Department of Design are asked to submit an application and a portfolio on https://designdept.slideroom.com. Transfer applications for the Department of Design are reviewed year-round by program areas. At the discretion of the area faculty, students are accepted into the department and are placed at the appropriate level of study. Transfer applications are contingent upon acceptance into BYU, a separate application process. Admission to the department does not guarantee admission to Brigham Young University. For BYU deadlines refer to https://enrollment.byu.edu/admissions/deadlines.

Note: Students may apply for admission to department programs twice.

Department Scholarships

Design majors are encouraged to apply for Department scholarships. Go to https://designdept.byu.edu/department-scholarships for funding information and application deadlines.

Design Education Licensure

Design majors can add an Art Education teaching license to their degree. This program prepares students with a design background to teach art and design in K-12 classrooms. The program includes 36 credits of coursework, including a semester of student teaching as the capstone project. To join the program, students must enroll in and successfully pass ARTED 276 (Introduction to K-12 Art and Design Education). For more information go to https://art.byu.edu/degrees_and_licensure

Contact the Art Education Coordinator to discuss interest in the licensure option: Mark Graham at mark_graham@byu.edu.

Equipment Requirements

Incoming BYU design students are asked to purchase a computer for their own convenience and to maximize their academic experience. Pre-major courses can be completed with the use of university labs, however, most students prefer having their own computer. In certain courses and programs, highly specialized technology is made available in department labs and classrooms. Since recommended configurations vary slightly by program area, contact the program area head for more information. The BYU Store carries a full line of discounted computers, accessories, and discounted software subscriptions.

Department Probationary Status

Students can be placed on probationary status for the following:

1. Inadequate academic performance.
2. Unprofessional attitude and lack of commitment.
3. BYU Honor Code violations.

Graduation Requirements

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

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

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

Programs

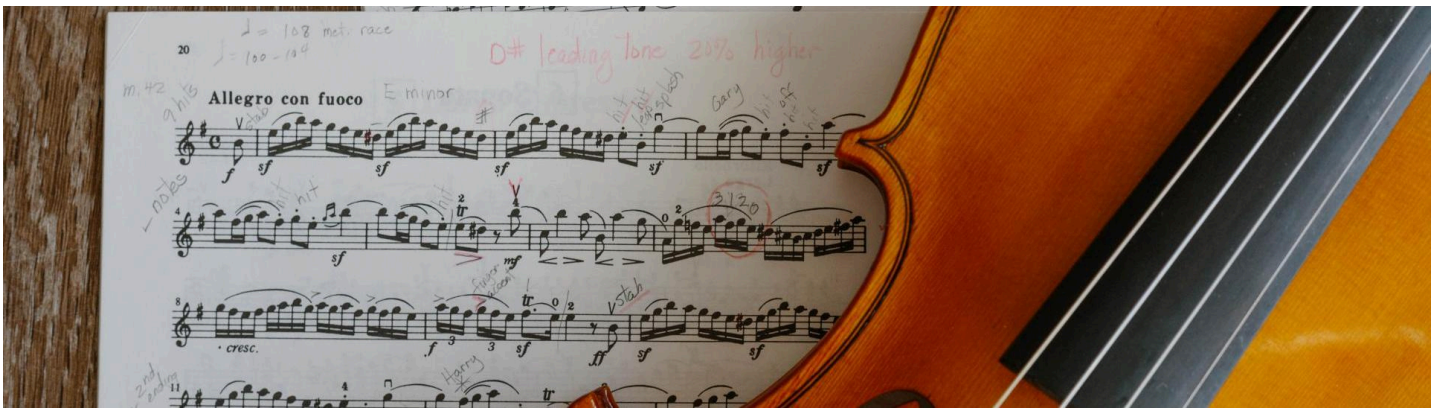
Product & User Experience Design (BFA) *
Graphic Design (BFA) *
Illustration (BFA) *
Photo- & Lens- Based Design (BFA) *
Animation (BFA) *
Interdisciplinary Design (BA) *

Courses

DES 150 - Introduction to Life Drawing
DES 198 - Introduction to Interdisciplinary Design
DES 217 - Design Thinking
DES 280 - Motion Concepts
DES 311R - Design Lecture Series
DES 340 - Graphics: Brand & Type
DES 383 - Analog Motion
DES 390 - Design Theory and Visual Culture
DES 394R - Special Topics
DES 411R - Field Study
DES 480 - 3D Motion
DES 496R - Academic Internship: Professional Internship
DES 498R - Directed Studies
DESAN 101 - Intro to Animation
DESAN 102 - Drawing Fundamentals
DESAN 250R - Gesture Drawing for Animators
DESAN 260 - Basic Storyboarding
DESAN 262 - Animation 1
DESAN 265 - Visual Development
DESAN 275 - Technical Drawing
DESAN 282 - Animation 2
DESAN 350 - Advanced Gesture Drawing
DESAN 352 - Animation 3
DESAN 359 - Video Game Pre-Production
DESAN 360R - Advanced Storyboarding
DESAN 361R - Character Design
DESAN 362R - Animation 4
DESAN 363R - Experimental Animation and Production
DESAN 364R - Digital Sculpting
DESAN 365R - Digital Painting
DESAN 394R - Special Topics
DESAN 397R - Pitching for Film & Games
DESAN 450 - Advanced Life Drawing
DESAN 460 - Business and Ethics in Animation
DESAN 462 - Capstone: Animation Analysis
DESAN 480 - Storyboard Portfolio
DESAN 486R - Developing Intellectual Properties in Animation
DESAN496R - Film Pre-Production
DESAN 497R - BFA Independent Film Production
DESAN 498R - Directed Studies in Animation
DESGD 145 - Design 1
DESGD 243 - Typography 1
DESGD 245 - Design 2
DESGD 248R - Letterpress Studio
DESGD 260 - Interface & Usability
DESGD 340 - Branding 1
DESGD 341 - 3-Dimensional Design
DESGD 343 - Typography 2
DESGD 346R - Practicum in Graphic Design
DESGD 349 - History of Graphic Design
DESGD 362 - Interactive Typographic Systems
DESGD 380 - Motion Design
DESGD 394R - Special Topics
DESGD 411R - Graphic Design Field Study
DESGD 440 - Branding 2
DESGD 441R - Design Lab
DESGD 442 - Portfolio
DESGD 460 - Advanced Interaction Design

DESGD 488 - Studio Practices for Designers
DESGD 490 - BFA Capstone Project: Research
DESGD 491R - Collaborative Design: Brand & Strategy
DESGD 492 - Collaborative UX Design: Research
DESGD 497 - BFA Capstone Project: Implementation
DESGD 498R - Directed Studies in Graphic Design
DESIL 101 - Drawing and Composition
DESIL 130 - Illustration Fundamentals
DESIL 140 - Introduction to Digital Illustration
DESIL 230 - Painting Fundamentals
DESIL 240 - Intermediate Digital Illustration
DESIL 243 - Typography 1
DESIL 250 - Intermediate Life Drawing
DESIL 263 - Narrative Illustration
DESIL 330 - Message + Meaning
DESIL 340 - Three-Dimensional Digital Illustration
DESIL 350 - Advanced Life Drawing
DESIL 352 - Environment Design
DESIL 354 - Survey of Illustration History
DESIL 357 - Sketchbook
DESIL 358 - Character Design for Illustrators
DESIL 394R - Special Topics
DESIL 450 - Painting the Human Head
DESIL 451 - Senior Illustration Studio
DESIL 457R - Concept Design
DESIL 488 - Professional Practices for Illustrators
DESIL 490 - BFA Illustration Capstone Project: Research
DESIL 494R - Special Problems in Illustration
DESIL 497 - BFA Illustration Capstone Project: Implementation
DESIL 498R - Directed Studies in Illustration
DESPH 116 - Introduction to Photography and Digital Workflow
DESPH 120 - Conceptual Practices and Creative Exploration
DESPH 240 - Lighting 1
DESPH 250 - Lighting 2
DESPH 260 - Filmmaking 01
DESPH 270 - Introduction to Black and White Photography and Darkroom Techniques
DESPH 273 - Digital Imaging and Compositing
DESPH 276 - Visual Storytelling
DESPH 360 - Filmmaking 02
DESPH 370 - Survey of Applied Photography
DESPH 377R - Alternative Photographic Processes
DESPH 378 - Junior Portfolio
DESPH 379 - History of Photography
DESPH 388 - Professional Practices
DESPH 394R - Special Topics
DESPH 410R - Computer Applications Studio for Photographers
DESPH 411R - Photographic Field Study
DESPH 475 - Location Production
DESPH 477R - Nature Photography
DESPH 490 - BFA Capstone Project: Research
DESPH 494R - Special Problems in Photography
DESPH 497 - BFA Photography Capstone Project: Implementation
DESPH 498R - Directed Studies in Photography
DESPX 115 - Product & User Experience Design 1
DESPX 200 - Prototyping Processes and Materials
DESPX 210 - 3D Modeling Principles
DESPX 214 - Manufacturing Materials & Processes
DESPX 220 - Intro to Physical Product Design
DESPX 230 - Product Studio 1
DESPX 231 - Visualization & Presentation Methods
DESPX 260 - Introduction to Digital Product Design
DESPX 261 - User Experience 2
DESPX 310 - Advanced 3D Modeling
DESPX 330 - Product Studio 2
DESPX 338R - Field Study
DESPX 339 - History of Products
DESPX 365 - User Experience Research Methods
DESPX 388 - Professional Practice
DESPX 394R - Special Topics
DESPX 430R - Product Design Studio 3
DESPX 431R - Collaborative Design Projects
DESPX 461 - User Experience Portfolio
DESPX 490 - Collaborative UX Design: Research
DESPX 497R - Product Design Capstone
DESPX 499R - Directed Studies
INDES 130 - Visual Literacy
INDES 132 - Form and Surface Development
INDES 233 - Presentation Methods for Industrial Design 2
INDES 300 - Advanced Prototyping Processes and Materials
INDES 331R - Presentation Methods for Industrial Design 3
INDES 341 - Technology Interface Studies for Industrial Design 1
INDES 399R - Professional Internship
INDES 440 - Graphics Studies for Industrial Design 2
INDES 494R - Special Problems in Design
INDES 495R - Global Engineering Outreach Projects
INDES 497R - BFA Final Project

Music Department



Music

School of Music

Administration

Director: Shawn Smith

Department Information:

3209 MB

801-422-8903

music@byu.edu

WEBSITE

Advisement Center:

2105 Arts Building

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

Enrollment in the School of Music's degree programs is limited. Prospective majors must pass an audition and be accepted into a studio. Please consult the General Information section below and visit the College Advisement Center for details.

The Discipline

The School of Music celebrates musical artistry and understanding as core elements of the human experience, crucial components of a liberal education, and central aspects of a spiritual life.

In the School of Music, students learn self-expression and self-discipline through rigorous practice and passionate performance. They develop an acute sensitivity for collaboration and artistic cooperation through intensive ensemble work. In the study of music theory and history, students learn to hear and appreciate various musical languages, distinguish nuances of style, and discern the connections between musical developments and their cultural contexts.

Students learn in a variety of situations: private lessons, small seminars, multimedia labs, ensembles, recitals, and lectures. They are encouraged to participate actively in the vibrant musical environment of the School of Music by attending concerts, lectures, and workshops and by contributing to a student culture of independently motivated artistic engagement. These experiences foster a holistic approach that embraces academic rigor, artistic intuition, creative ambition, physical grace, and expressive eloquence.

In pursuit of the university's spiritual aims, students learn the divinity inherent in creativity and the devotion expressed by the nurturing of one's craft.

Career Opportunities

The School of Music leads its students toward careers in performance, studio teaching, music education, media music production, recording and sound technology, arts management, music journalism, composition, and other music-related professions. Because the music curriculum is rigorous, it is also an excellent pre-professional course of study for those interested in fields as diverse as law, business, library science, or medicine. Whatever degrees one obtains, however, an education in music pertains not only to earning a living through the art but also using the art to enhance one's satisfaction and joy in living.

Faculty

The music faculty includes active performers, composers, music educators, conductors, theorists, historians, and media specialists who have chosen to mentor the next generation of musicians. They remain involved in their areas of specialization and are anxious to share the learning experience with students entrusted to their care. Many of the faculty have received prestigious recognition for their teaching scholarship, performance, composition, directing, or producing.

The School of Music maintains approximately 50 full-time and 65 part-time faculty who teach private instruction, ensembles, education, music theory, music history, commercial music, conducting, as well as other exciting areas of study.

Facilities

The School of Music is housed in the Music Building, which includes a 1,000-seat concert hall, a 250-seat recital hall, a 200-seat choral hall, two large ensemble rooms, practice spaces, classrooms, a piano lab, an organ lab, a state-of-the-art digital recording studio, MIDI production studios, and an electronic music studio.

General Information

1. The degree programs in the School of Music are Limited Enrollment Programs, meaning, first, they are HIGHLY competitive and selective, and second, they require an adherence to specific course paths in the first two years of study. Students who are successful in their application and audition and are admitted into one of the degree programs in the School of Music will be required to do the following in order to remain in the program:
    - Successfully complete the following courses in the first two years of study:
      Music 193, 195, 197 – To be taken all together in 1st semester
      Music 194, 196, 198 – To be taken all together in 2nd semester
      Music 293, 295, 297 – To be taken all together in 3rd semester
      Music 294, 296, 298 – To be taken all together in 4th semester
    - Begin the private lesson requirement, as specified by the degree program requirements, in the first semester and continue taking private lessons each semester until the requirement is fulfilled.
    - Begin the ensemble requirements, as specified by the degree program requirements and directed by the student's studio teacher, in the first semester and continue each semester until the requirement is fulfilled.
      Failure to follow the requirements listed above may result in dismissal from the degree program.
2. Admission applications to the School of Music must be received by December 1.
3. All entering students (including transfer students) must pass a performance audition on their major instrument (or voice). Live auditions are held on the last Saturday of January. Students who cannot attend the live audition and wish to be considered must submit a video recording, which must be received by the School of Music by the last Saturday in January. For further details, see the School of Music website (https://music.byu.edu).
4. All students who do not have a keyboard emphasis (piano or organ) must complete the piano proficiency requirement by the end of the sophomore year. Students may fulfill this requirement by (a) taking Music 221 and/or Music 222, or (b) taking the Piano Proficiency Exam. For more information, see https://music.byu.edu/resources/piano-proficiency-requirement.
5. Each student accepted as a music major must meet with the academic advisor in the College Advisement Center before the end of the first year.
6. Students who pass either part of the AP Music Test with at least a score of 4 should check with the College Advisement Center before registering for core courses.
7. All major performance instruction must be in the same instrument (or voice) with the following exceptions: Commercial Music and Composition students, with approval from their division coordinator, main studio teacher, and secondary studio teacher, may opt to fulfill a portion of their studio lesson requirement on a secondary instrument.
8. All students registered in Music 260R, 360R, or 460R must complete an examination before a faculty jury on their major instrument (or voice) near the end of each semester of performance study. (With the approval of the faculty, students may elect to substitute a juried public recital for a jury examination.) Students who wish to enter Music 360R or 460R (normally after the sophomore year) must first be granted approval to do so by a faculty jury.
9. All students must fulfill the ensemble requirements of their individual degree programs as described below: Ensemble requirements are filled through a mixture of assigned "Category 1: Approved Large Ensembles" and "Category 2: Other Ensembles Approved for the Major" as listed in each degree program. Only one approved Category 1 ensemble per semester may count toward this requirement, and students may not enroll in more than two conducted or directed ensembles per semester. This ensemble assignment is determined by the student's major instrumental teacher or by choral audition, not by the student. For all BA or BM music students, the total ensemble requirement should be completed in consecutive semesters of enrollment beginning the freshman year.

Please note:

- Commercial Music and Composition students, with approval from their division coordinator and main studio teacher, may fulfill part of their Category 1 Ensemble requirement by auditioning and performing on a secondary instrument.
- Students who play guitar or piano as their principal instrument may also count participation in Music 333R: Jazz Ensemble or Music 334R: Synthesis toward their Category 1 Ensemble requirement.

10. All transfer students must have their previous university work in music evaluated by the appropriate BYU School of Music faculty members to determine what credits will be accepted in the transfer. (See the College Advisement Center for referrals.) We subscribe to the policy of the National Association of Schools of Music and carry no obligation to accept upper-division music credits from other member schools.

11. If a School of Music student receives an E grade twice in any one course within his or her major, the student will not be allowed to proceed in the major. Also, a registration hold will be placed on the student's record pending a meeting with an academic advisor to determine an alternative plan of study. Only in rare and extreme cases will the School of Music consider petitions to take a course a third time and have major status reinstated.

12. Students temporarily leaving the School of Music for a mission are required to file a deferment form with the university's Admissions Office and are encouraged to remain in contact with their studio teacher regarding their re-entry date. Students intending to enter the School of Music during the school year immediately following mission service are highly encouraged to apply and audition for admission to the School of Music prior to departure.

13. All School of Music students are expected to attend at least eight concerts and two School of Music-sponsored lectures each semester.

14. All School of Music students will be held to the standards outlined in the Professionalism Policy for Students.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Music (Minor)
Music (BA) *
Music Composition (BM) *
Music Education (BM): K-12 Instrumental Emphasis
Music Education (BM)*
Music Performance (BM): Vocal Emphasis
Music Education (BM): K-12 Choral Emphasis
Music Performance (BM): Piano Emphasis
Music Performance (BM): Organ Emphasis
Music Performance (BM): Combined Piano & Organ Emphasis
Music Performance (BM): Brass Emphasis
Music Performance (BM): Percussion Emphasis
Music Performance (BM): String Emphasis
Music Performance (BM): Woodwind Emphasis
Commercial Music (BM) *

Courses

MUSIC 100 - Music Fundamentals
MUSIC 101 - Introduction to Music
MUSIC 111R - Basic Vocal Skills
MUSIC 113 - Beginning Piano Techniques 1
MUSIC 114R - Beginning Piano Techniques 2
MUSIC 115 - Basic Organ Skills
MUSIC 116R - Organ Techniques and Literature
MUSIC 117 - Basic Guitar Skills
MUSIC 118R - Guitar Techniques and Literature
MUSIC 123 - Harp Preparation for Large Ensemble
MUSIC 135 - Basic Conducting
MUSIC 160R - Guitar
MUSIC 160R - Piano
MUSIC 160R - Viola
MUSIC 160R - Harpsichord
MUSIC 160R - Organ
MUSIC 160R - Harp
MUSIC 160R - Clarinet
MUSIC 160R - Percussion
MUSIC 160R - Performance Instruction

MUSIC 160R - Saxophone
MUSIC 160R - Classical Voice
MUSIC 160R - Horn
MUSIC 160R - Violin
MUSIC 160R - Performance Instruction: Music Technology Studio
MUSIC 160R - Euphonium
MUSIC 160R - Carillon
MUSIC 160R - Trombone
MUSIC 160R - Tuba
MUSIC 160R - Trumpet
MUSIC 160R - Oboe
MUSIC 160R - String Bass
MUSIC 160R - Flute
MUSIC 160R - Bassoon
MUSIC 160R - Contemporary Voice
MUSIC 160R - Cello
MUSIC 165 - Survey of the Great Pianists
MUSIC 166 - Organ Registration
MUSIC 176 - Careers in Music Education
MUSIC 184 - Improvisation
MUSIC 186 - Songwriting 1
MUSIC 187R - Composition
MUSIC 193 - Aural Skills 1
MUSIC 194 - Aural Skills 2
MUSIC 195 - Music Theory 1
MUSIC 196 - Music Theory 2
MUSIC 197 - Sight Singing 1
MUSIC 198 - Sight Singing 2
MUSIC 201 - Civilization: Music 1
MUSIC 202 - Civilization: Music 2
MUSIC 203 - World Music Cultures
MUSIC 204 - Introduction to Jazz
MUSIC 220 - Introduction to Piano Technology
MUSIC 221 - Functional Piano Skills 1
MUSIC 222 - Functional Piano Skills 2
MUSIC 223 - Jazz Harp Techniques
MUSIC 235A - Instrumental Conducting Techniques.
MUSIC 235B - Choral Conducting Techniques
MUSIC 249 - Sophomore Recital
MUSIC 251 - Music Technology 1
MUSIC 252 - Music Technology 2
MUSIC 256 - Recording Studio 1
MUSIC 257 - Recording Studio 2
MUSIC 259 - Psychology of Performance
MUSIC 260R - Performance Instruction: Trombone
MUSIC 260R - Performance Instruction: Classical Voice
MUSIC 260R - Performance Instruction: Piano
MUSIC 260R - Performance Instruction: Bassoon
MUSIC 260R - Performance Instruction: Viola
MUSIC 260R - Performance Instruction: Euphonium
MUSIC 260R - Performance Instruction: Contemporary Voice
MUSIC 260R - Performance Instruction: Jazz Piano
MUSIC 260R - Performance Instruction: Horn
MUSIC 260R - Performance Instruction: String Bass
MUSIC 260R - Performance Instruction: Violin
MUSIC 260R - Performance Instruction: Saxophone
MUSIC 260R - Performance Instruction: Guitar
MUSIC 260R - Performance Instruction: Harpsichord
MUSIC 260R - Performance Instruction
MUSIC 260R - Performance Instruction: Tuba
MUSIC 260R - Performance Instruction: Cello
MUSIC 260R - Performance Instruction: Harp
MUSIC 260R - Performance Instruction: Clarinet
MUSIC 260R - Performance Instruction: Trumpet
MUSIC 260R - Performance Instruction: Percussion
MUSIC 260R - Performance Instruction: Flute
MUSIC 260R - Performance Instruction: Organ
MUSIC 260R - Performance Instruction: Oboe
MUSIC 260R - Performance Instruction: Music Technology Studio
MUSIC 261 - MDT Vocal Technique 2
MUSIC 262R - Diction Lab 1: English
MUSIC 262R - Diction Lab 1: French
MUSIC 262R - Diction Lab 1: Italian
MUSIC 262R - Diction Lab 1: German
MUSIC 262R - Diction Lab 1
MUSIC 264 - Keyboard Foundations 1
MUSIC 265 - Keyboard Foundations 2
MUSIC 271 - Musicality in the Elementary School
MUSIC 272 - Developing Children's Musicality, Grades K--2
MUSIC 273A - Percussion Techniques
MUSIC 273B - Percussion Techniques
MUSIC 276 - Introduction to Music Education
MUSIC 278 - Foundations of Music Teaching and Learning
MUSIC 280R - Topics in Music
MUSIC 281 - Foundations of Teaching Children Music
MUSIC 282 - Foundations of Teaching Vocalists in Ensembles
MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles
MUSIC 284 - Jazz Improvisation 1
MUSIC 286 - Introduction to the Music Business
MUSIC 287 - Electronic Music Composition
MUSIC 288 - Composition 2
MUSIC 293 - Aural Skills 3
MUSIC 294 - Aural Skills 4
MUSIC 295 - Music Theory 3
MUSIC 296 - Music Theory 4
MUSIC 297 - Sight Singing 3
MUSIC 298 - Sight Singing 4
MUSIC 300 - Music Theatre in Contemporary Culture
MUSIC 301 - History of Western Music: Overview
MUSIC 302 - History of Western Music: Baroque
MUSIC 303 - History of Western Music: Classic
MUSIC 304 - History of Western Music: Romantic
MUSIC 305 - History of Western Music: 20th and 21st Centuries
MUSIC 306 - Classical Music in Popular Culture
MUSIC 307 - World Music
MUSIC 308 - History of Jazz
MUSIC 309 - Vocal Techniques for Choir Men
MUSIC 310 - Community Engagement & Leadership in Music
MUSIC 311R - University Chorale
MUSIC 312R - Men's Chorus
MUSIC 313R - Women's Chorus
MUSIC 314R - Concert Choir
MUSIC 315R - University Singers
MUSIC 316R - Opera Workshop
MUSIC 317R - Opera Ensemble
MUSIC 319R - Baroque Ensemble
MUSIC 320R - BYU Studio Orchestra
MUSIC 321R - University String Orchestra.
MUSIC 321R - University Orchestra
MUSIC 322R - University Band
MUSIC 323R - Marching Band
MUSIC 324R - Cougar Band
MUSIC 325R - Symphonic Band
MUSIC 326R - Wind Symphony
MUSIC 327R - Percussion Chamber Music
MUSIC 328 - Script, Movement and Score Analysis
MUSIC 329R - Folk Ensemble
MUSIC 330R - Steel Band
MUSIC 331R - Jazz Combos
MUSIC 332R - Show Band
MUSIC 333R - Jazz Ensemble
MUSIC 333R - Vocal Jazz Ensemble
MUSIC 333R - Jazz Lab Band
MUSIC 334R - Synthesis

MUSIC 335R - Jazz Legacy Band
MUSIC 336R - Balinese Gamelan
MUSIC 337R - Symphony Orchestra
MUSIC 338R - Philharmonic Orchestra
MUSIC 339R - Chamber Orchestra
MUSIC 340R - Harp Ensemble
MUSIC 341R - Brass Chamber Music
MUSIC 341R - Brass Choir
MUSIC 341R - Trombone Choir
MUSIC 341R - Brass Ensemble
MUSIC 343R - Guitar Ensemble
MUSIC 344R - Musical Theater Accompaniment
MUSIC 344R - Keyboard in Ensemble
MUSIC 345R - Percussion Ensemble
MUSIC 346R - String Chamber Music
MUSIC 347R - A Cappella Ensemble
MUSIC 348R - Woodwind Ensemble
MUSIC 348R - Woodwind Chamber Music
MUSIC 348R - Saxophone Ensemble
MUSIC 348R - Flute Choir
MUSIC 349 - Junior Recital
MUSIC 351 - Audio Applications 1.
MUSIC 352 - Audio Applications 2.
MUSIC 355R - Recording Workshop
MUSIC 359R - Performance Study
MUSIC 360R - Performance Instruction: Violin
MUSIC 360R - Performance Instruction: Clarinet
MUSIC 360R - Performance Instruction: String Bass
MUSIC 360R - Performance Instruction: Trombone
MUSIC 360R - Performance Instruction: Classical Voice
MUSIC 360R - Performance Instruction: Viola
MUSIC 360R - Performance Instruction: Conducting
MUSIC 360R - Performance Instruction: Guitar
MUSIC 360R - Performance Instruction: Euphonium
MUSIC 360R - Performance Instruction: Saxophone
MUSIC 360R - Performance Instruction
MUSIC360R - Performance Instruction: Jazz Piano
MUSIC 360R - Performance Instruction: Trumpet
MUSIC 360R - Performance Instruction: Piano
MUSIC 360R - Performance Instruction: Percussion
MUSIC 360R - Performance Instruction: Horn
MUSIC 360R - Performance Instruction: Contemporary Voice
MUSIC 360R - Performance Instruction: Harpsichord
MUSIC 360R - Performance Instruction: Flute
MUSIC 360R - Performance Instruction: Organ
MUSIC 360R - Performance Instruction: Music Technology Studio
MUSIC 360R - Performance Instruction: Oboe
MUSIC 360R - Performance Instruction: Bassoon
MUSIC 360R - Performance Instruction: Tuba
MUSIC 360R - Performance Instruction: Harp
MUSIC 360R - Performance Instruction: Cello
MUSIC 362R - Diction Lab 2
MUSIC 362R - Diction Lab 2: English
MUSIC 362R - Diction Lab 2: French
MUSIC 362R - Diction Lab 2: Italian
MUSIC 362R - Diction Lab 2: German
MUSIC 363 - Vocal Pedagogy
MUSIC 364 - Keyboard Pedagogy
MUSIC 365 - Piano Pedagogy
MUSIC 366 - Organ Pedagogy
MUSIC 367 - Woodwind Pedagogy
MUSIC 368 - Brass Pedagogy
MUSIC 369A - String Pedagogy: Violin and Viola
MUSIC 369B - String Pedagogy: Bass
MUSIC 369C - String Pedagogy: Cello
MUSIC 369D - String Pedagogy: Harp
MUSIC 369E - String Pedagogy: Guitar
MUSIC 370 - Musical Theater Pedagogy and Vocal Technique
MUSIC 378 - Music for the Elementary Classroom Teacher
MUSIC 379 - Pre-Student Teaching
MUSIC 380A - Techniques for Instrumental Music Educators: Voice
MUSIC 380B - Techniques for Music Educators: Brass
MUSIC 380C - Techniques for Music Educators: Clarinet, Flute, Saxophone
MUSIC 380D - Techniques for Music Educators: Bassoon, Oboe
MUSIC 380E - Techniques for Choral Music Educators: Percussion
MUSIC 380F - Techniques for Instrumental Music Educators: Percussion
MUSIC 380G - Techniques for Music Educators: Guitar
MUSIC 380H - Techniques for Music Educators: Orchestral Strings
MUSIC 381 - Art of Teaching Children Music in the Classroom
MUSIC 382 - Art of Teaching Vocalists in Ensembles
MUSIC 383 - Art of Teaching Instrumentalists in Ensembles
MUSIC 384 - Jazz Improvisation 2
MUSIC 385 - Jazz Improvisation 3
MUSIC 386 - Songwriting 2
MUSIC 387R - Composition Seminar
MUSIC 388R - Advanced Composition
MUSIC 389 - Projects in Commercial Music
MUSIC 390R - Music Production Seminar
MUSIC 391 - Jazz Keyboard
MUSIC 394 - Jazz Styles and Analysis
MUSIC 395 - Music Analysis
MUSIC 399R - Academic Internship
MUSIC 402 - Vocal Literature
MUSIC 403A - Piano Literature
MUSIC 403B - Piano Literature
MUSIC 404A - Organ Literature
MUSIC 404B - Organ Literature
MUSIC 406 - String Literature
MUSIC 423 - Harp Arranging and Transcribing
MUSIC 426 - Music Dance Theatre: Senior Performance Project
MUSIC 441R - New Music Ensemble
MUSIC 449 - Senior Recital
MUSIC 460R - Performance Instruction: Conducting
MUSIC 460R - Performance Instruction: Harp
MUSIC 460R - Performance Instruction: Flute
MUSIC 460R - Performance Instruction: Tuba
MUSIC 460R - Performance Instruction: Euphonium
MUSIC 460R - Performance Instruction: Harpsichord
MUSIC 460R - Performance Instruction: Piano
MUSIC 460R - Performance Instruction: Organ
MUSIC 460R - Performance Instruction: Percussion
MUSIC 460R - Performance Instruction: Horn
MUSIC 460R - Performance Instruction: Strings
MUSIC 460R - Performance Instruction: Voice
MUSIC 460R - Performance Instruction: Brass and Percussion
MUSIC 460R - Performance Instruction: Oboe
MUSIC 460R - Performance Instruction: Guitar
MUSIC 460R - Performance Instruction: Violin
MUSIC 460R - Performance Instruction: Woodwinds
MUSIC 460R - Performance Instruction
MUSIC 460R - Performance Instruction: Cello
MUSIC 460R - Performance Instruction: Trumpet
MUSIC 460R - Performance Instruction: String Bass
MUSIC 460R - Performance Instruction: Bassoon
MUSIC 460R - Performance Instruction: Trombone
MUSIC 460R - Performance Instruction: Viola
MUSIC 460R - Performance Instruction: Saxophone
MUSIC 460R - Performance Instruction: Clarinet
MUSIC 462R - Orchestral Excerpts: Brass
MUSIC 462R - Orchestral Excerpts: Woodwinds
MUSIC 462R - Orchestral Excerpts: Violin
MUSIC 462R - Orchestral Excerpts: Cello
MUSIC 462R - Orchestral Excerpts: Viola
MUSIC 462R - Orchestral Excerpts: Harp

MUSIC 462R - Orchestral Excerpts: Bass
MUSIC 465A - Organ Practicum
MUSIC 465B - Organ Practicum
MUSIC 465C - Organ Practicum
MUSIC 467 - String Teaching Practicum: Harp.
MUSIC 467 - String Teaching Practicum: Viola.
MUSIC 467 - String Teaching Practicum: Cello.
MUSIC 467 - String Teaching Practicum: Violin
MUSIC 467 - String Teaching Practicum: Guitar.
MUSIC 467 - String Teaching Practicum: Bass.
MUSIC 467 - String Teaching Practicum
MUSIC 468 - Jazz Pedagogy
MUSIC 470R - Keyboard Teaching Practicum: Piano
MUSIC 470R - Keyboard Teaching Practicum
MUSIC 470R - Keyboard Teaching Practicum: Organ
MUSIC 472 - Supervised Teaching in Voice
MUSIC 476 - Secondary Student Teaching
MUSIC 480R - Advanced Topics in Music
MUSIC 481 - Orchestration 1
MUSIC 482 - Choral Arranging
MUSIC 483 - Counterpoint
MUSIC 484 - Media Orchestration
MUSIC 485 - Jazz Arranging and Composition
MUSIC 486 - Commercial Music Capstone Project
MUSIC 489 - Film Scoring
MUSIC 490 - BA Music Capstone
MUSIC 494R - Independent Readings
MUSIC 495R - Commercial Music Special Projects
MUSIC 500 - Musical Research Techniques
MUSIC 501 - Music Education Research Techniques
MUSIC 503 - Aesthetics
MUSIC 505A - Applied Literature: Organ Literature
MUSIC 505A - Applied Literature: Piano Literature
MUSIC 505A - Applied Literature: Percussion Literature
MUSIC 505A - Applied Literature
MUSIC 505A - Applied Literature: Brass Literature
MUSIC 505A - Applied Literature: String Literature
MUSIC 505A - Applied Literature: Woodwind Literature
MUSIC 505A - Applied Literature: Vocal Literature
MUSIC 505B - Advanced Applied Literature: Piano Literature
MUSIC 505B - Advanced Applied Literature: Percussion Literature
MUSIC 505B - Advanced Applied Literature: Brass Literature
MUSIC 505B - Advanced Applied Literature
MUSIC 505B - Advanced Applied Literature: Woodwind Literature
MUSIC 505B - Advanced Applied Literature: String Literature
MUSIC 505B - Advanced Applied Literature: Vocal Literature
MUSIC 505B - Advanced Applied Literature: Organ Literature
MUSIC 506 - Choral Literature 1
MUSIC 507 - Choral Literature 2
MUSIC 508 - Orchestra Literature 1
MUSIC 509 - Orchestra Literature 2
MUSIC 510 - Band Literature
MUSIC 511 - Oratorio Literature for Solo Voice
MUSIC 532R - Score Preparation and Conducting: Instrumental
MUSIC 533R - Choral Conducting and Development
MUSIC 534R - Score Preparation and Direction: Jazz
MUSIC 535R - Instrumental Conducting and Error Detection
MUSIC 560R - Performance Instruction: Brass
MUSIC 560R - Performance Instruction: Piano
MUSIC 560R - Performance Instruction
MUSIC 560R - Performance Instruction: Organ
MUSIC 560R - Performance Instruction: Voice
MUSIC 560R - Performance Instruction: Percussion
MUSIC 560R - Performance Instruction: Woodwind
MUSIC 560R - Performance Instruction: Conducting
MUSIC 560R - Performance Instruction: String
MUSIC 560R - Performance Instruction: Harpsichord
MUSIC 570 - Music for Elementary School Teachers
MUSIC 571 - Elementary Education Music Pedagogy
MUSIC 575R - Summer Music Workshops and Clinics
MUSIC 576 - Fundamentals and Techniques of the Marching Band
MUSIC 580R - Topics in Music
MUSIC 581 - Orchestration 2
MUSIC 582 - Composer-Performer Studies
MUSIC 583 - Sixteenth-Century Counterpoint
MUSIC 587R - Composition
MUSIC 591 - Advanced Topics in Keyboard Harmony
MUSIC 595 - Score Analysis
MUSIC 596 - Schenkerian Analysis
MUSIC 599R - Academic Internship

Theatre and Media Arts Department



Theatre and Media Arts

Department of Theatre and Media Arts

Administration

Chair: Megan Sanborn Jones

Department Information:

3201 Arts Building (AB)

801-422-6645

tma_secretary@byu.edu

WEBSITE

Advisement Center:

2105 Arts Building (AB)

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

Several degree programs—Acting, Media Arts (major and minor), Music Dance Theatre, and Theatre Education in the Department of Theatre and Media Arts are limited enrollment and have an application process. The Theatre Arts Studies programs (major and minor) are open enrollment. Please see the college advisement center for specific details at their website **https://advisement.cfac.byu.edu/** or by phone at 801-422-3777.

Mission

Our mission is to promote literacy, creativity, and spirituality in the arts of theatre and film. We strive to illuminate and confirm truth, tell the most important stories, and celebrate the infinite potential of the human soul. We hope to develop scholar artists who are inspired by the restored gospel of Jesus Christ and who build on the great works of the past to become the innovators of the future.

The Discipline

As a department we understand the spiritual power of the performing arts to uplift and inspire. President Kimball clearly understood the same—he mentions the fine arts more often than any other field of study in “The Second Century” address. As we train our students to be leaders in their fields of Theatre and Film, they are prepared to go into some of the most influential professions—creating the stories available on live stages, television, movies screens, and the internet. We accomplish this training through a careful balance of foundational critical studies and exciting mentored-learning activities that culminate in run an award-winning theatre season of seven faculty-directed and five student-directed productions in three different theatres, and the production of about eight fiction, non-fiction, and animated short films each year. As we use gospel methodology in this training, our students are in the powerful position of understanding how to use their testimonies of the gospel of Jesus Christ to be a light in the entertainment industries that shape much of our world.

Career Opportunities

The five majors in TMA—Acting, Film, Music Dance Theatre (MDT), Theatre Arts, and Theatre Education — provide both a strong liberal arts foundation and specialized technical training. These programs emphasize professional practices, creative problem-solving, and collaboration. Students from TMA programs are prepared for careers in the fields of theatre and film, including but not limited to acting on community, regional, and Broadway stages; acting in film and television; design and technology in costume, set, lights, sound, and props; directing for stage and screen; K-12 teaching in theatre and film; stage management; playwriting and screenwriting; video editing, video producing, and fiction and documentary filmmaking. Students are prepared for graduate studies, and have a wide range of transferrable skills that will set them on a path for success no matter what their future holds.

General Information

1. The BYU **Media Arts Studies** program provides a strong liberal arts foundation for film-related careers or future graduate studies. Graduates gain skills in film history, theory, critical analysis, and filmmaking. The Media Arts Major and Minor are both limited enrollment programs. Students interested in the Media Arts Studies major should declare the Media Arts Studies pre-major under the Change Major link in MyMAP. Declaring the Media Arts Studies pre-major does not guarantee entrance into the Media Arts Studies program. An application is required for entrance into the major and minor programs. Students applying to the Media Arts Studies program must have completed or be enrolled in TMA 102 and TMA 187 at the time they submit their application. Visit the programs section on the TMA Website (tma.byu.edu) for more information about the Media Arts application.

2. The **Theatre Arts Studies** major (or minor) is an open enrollment program. Students interested in general theatre studies, dramaturgy, playwriting, directing, stage management, critical studies, or design and technology (costume, lighting, makeup, scenic, or sound), should declare the theatre arts studies major (or minor), under the Change Major link in MyMAP.Students interested in the **Theatre Arts Education major** should declare the Theatre Arts Education pre-major under the Change Major link in MyMAP. *Declaring the pre-major does not guarantee entrance into the theatre arts education program.* Students must fulfill particular requirements for entrance. See program description for details.

3. The **Theatre Education (K-12)** degree program is designed to prepare students to become creative teachers who can meet the educational needs of elementary and secondary school theatre students. Students interested in the Theatre Arts Education major should declare the Theatre Arts Education pre-major under the Change Major link in MyMAP. Declaring the pre-major does not guarantee entrance into the theatre arts education program. Students must fulfill particular requirements for entrance. Visit the programs section on the TMA Website (tma.byu.edu) for more information.

4. The **Acting, BFA** program teaches students the necessary skills to be a professional actor who can tell the great stories of humanity. The Acting program is a limited enrollment program. Students interested in BFA acting should declare the Acting pre-major under the Change Major link in MyMAP. Declaring the pre-major does not guarantee entrance into the BFA program. Students must fulfill particular requirements for entrance. Visit the programs section on the TMA Website (tma.byu.edu) for more information.

5. The **Music Dance Theatre (MDT), BFA** program is an interdisciplinary degree program within the Theatre and Media Arts Department and fully supported by the School of Music and the Department of Dance. It is a limited enrollment program designed to train performers for a career in musical theatre and related performance disciplines. Students interested in Music Dance Theatre (MDT) should declare the MDT pre-major under the Change Major link in MyMAP. Declaring the MDT pre-major does not guarantee entrance into the MDT program. Students must fulfill particular requirements for entrance. Visit the programs section on the TMA Website (tma.byu.edu) for more information.

6. Students interested in the **Animation** limited enrollment program should contact the Design Department for application requirements.

Graduation Requirements

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

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

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

Programs

Media Arts Studies (Minor) *
Theatre Arts Studies (Minor)
Film (BA) *
Theatre Arts Studies (BA)
Theatre Education K-12 (BA)
Acting (BFA) *
Music Dance Theatre (BFA) *

Courses

MDT 161 - Voice Technique 1
MDT 221 - Musical Theatre Performance
MDT 229 - Musical Scene Study
MDT 290 - Music Theory for MDT Majors
MDT 300 - Musical Theatre History
MDT 329 - Performance Seminar

MDT 361 - Choreographic Styles
MDT 426 - BFA Senior Showcase
TMA 100 - Introduction to Visual Literacy
TMA 102 - Introduction to Film
TMA 105 - Using Basic Film Tools
TMA 110 - Media Arts Experience
TMA 111 - Performance Matters
TMA 114 - Reading and Constructing Narratives
TMA 115 - Introduction to Performance Studies
TMA 122 - Voice Production and Phonetics 1
TMA 123 - Acting Fundamentals
TMA 125 - Yoga and Alexander Technique
TMA 128 - Acting 1: BFA or Pre-BFA
TMA 140 - Script Analysis
TMA 170R - Practicum: Television
TMA 184R - Practicum: Cinematic Skills
TMA 185 - Basic Film Production
TMA 187 - Production Management: Beginning
TMA 199R - Academic Internship
TMA 201 - Dramatic Performance: Antiquity to Renaissance
TMA 202 - Dramatic Performance: Renaissance to the Present
TMA 215R - Special Projects 1
TMA 220R - Workshop 1: Acting
TMA 222 - Voice Production and Phonetics 2
TMA 225 - Neutral Mask
TMA 227 - Acting Explorations
TMA 228 - Acting 2
TMA 236 - Playmaking
TMA 238 - Acting Improvisation
TMA 241 - Screenwriting 1
TMA 251 - Playwriting 1
TMA 252 - Puppetry
TMA 255 - Theatre for Young Audiences (TYA) History and Practice
TMA 256 - Stage Management 1
TMA 257 - Storytelling
TMA 258 - Theatre Drafting
TMA 259 - Principles of Design for Stage
TMA 260R - Theatre Production
TMA 261 - Writing for Animation
TMA 262 - Costume Construction
TMA 264 - Theatre Lighting 1
TMA 265 - Sound Reinforcement
TMA 266 - Principles of Stage Craft
TMA 267 - Principles of Makeup
TMA 270R - Practicum: Television
TMA 273 - Beginning Documentary Production
TMA 276 - Exploration of Teaching Theatre
TMA 277 - New Media Conceptualization
TMA 284R - Practicum: Cinematic Skills
TMA 285 - Intermediate Film Production
TMA 287 - Production Management: Intermediate
TMA 291 - Film History 1
TMA 292 - Film History 2
TMA 293 - History of Documentary and Nonfiction Film
TMA 294 - History of Animation
TMA 299R - Academic Internship
TMA 302R - Studies in British Theatre Performance
TMA 303R - International Studies in Film & Culture
TMA 315R - Special Projects 2
TMA 316R - Theatre and Film Instruction
TMA 318 - Approaches to Screen Directing
TMA 321 - Voice Over
TMA 322 - Classical Voice
TMA 323R - Kennedy Center American College Theatre Festival
TMA 325 - Stage Combat
TMA 326R - Divine Comedy
TMA 328 - Acting Classics
TMA 329 - Theatre and Film Acting Conservatory
TMA 330R - Assistant Directing
TMA 331 - Directing Narrative Literature
TMA 336 - Stage Directing 1: Principles and Practices
TMA 338 - Acting for Film and TV
TMA 341R - Screenwriting 2
TMA 342 - Screenwriting 2: Writers Room
TMA 351 - Playwriting 2
TMA 352 - Drama in the Elementary Classroom
TMA 356R - Assistant Stage Managers
TMA 360R - Theatre Production
TMA 362 - Costume Design.
TMA 363 - Scenic Design
TMA 364 - Lighting Design
TMA 365 - Sound Design
TMA 366R - Production Topics
TMA 367 - Makeup Design
TMA 368 - Scenic Art
TMA 369R - Design Practicum
TMA 370R - Practicum: Television
TMA 372R - Film Crew
TMA 373 - Intermediate Documentary Production
TMA 375 - Creative Drama
TMA 377A - Methods Acting Pedagogy
TMA 377B - Theatre Methods and Instruction: Secondary Curriculum
TMA 377C - Theatre Methods and Instruction: Applied Theatre
TMA 377D - Theatre Methods and Instruction: Elementary Curriculum
TMA 378R - New Media Producing and Directing
TMA 379R - Design Studio
TMA 380 - Production Dramaturgy
TMA 384R - Practicum: Cinematic Skills
TMA 387 - Production Management: Advanced
TMA 389R - Theatre Production Assistants
TMA 391 - Introduction to Film Theory
TMA 392 - Children's Media
TMA 393R - Non-Fiction Mentored Projects
TMA 395 - Dramatic Literature 1
TMA 396 - TMA 396 - Dramatic Literature 2
TMA 399R - Academic Internship
TMA 410 - Acting Capstone
TMA 411 - Future Performance
TMA 416R - Teaching Assistant Credit
TMA 418 - Advanced Visual Storytelling
TMA 420R - Performance Workshop 2
TMA 422 - Dialects
TMA 423R - Advanced Kennedy Center American College Theatre Festival
TMA 424 - Advanced Acting
TMA 425 - Character Mask
TMA 428 - Acting Practicum
TMA 429 - Performance: Recital
TMA 436 - Stage Directing 2: Advanced Directing Practicum
TMA 438 - Auditions
TMA 441R - Screenwriting 3
TMA 443R - Writer/Dramaturg/Actor Workshop
TMA 451R - Playwriting 3
TMA 455R - Theatre Tour
TMA 456R - Production Stage Management
TMA 457 - Media, Creativity, and Education
TMA 460 - Portfolio
TMA 462 - History of Costume
TMA 463 - Production Design
TMA 467R - Makeup for Media
TMA 468R - Specialty Costumes
TMA 469 - Theatre Management
TMA 470R - Advanced Film Production: Independent
TMA 473R - Studio Advanced Film Project
TMA 475R - Advanced Film Production: Studio

TMA 476 - Secondary Student Teaching
TMA 477R - Issues in Film
TMA 479R - Advanced Design
TMA 480R - Special Topics in Theatre Research
TMA 483 - New Play Dramaturgy
TMA 484R - Advanced Special Projects
TMA 485R - Dramaturgy Practicum
TMA 489R - Production Leads
TMA 491 - Theatre & The Gospel
TMA 492R - Film Genres
TMA 494R - Transcendence: Religion and Film
TMA 496R - Academic Internship
TMA 497R - The Motion Picture: Mirror of Our Times
TMA 498R - Special Topics in Film
TMA 515R - Special Projects 3
TMA 536R - Special Projects in Stage Directing
TMA 551R - Playwriting 4
TMA 590R - Master Seminar
TMA 599R - Academic Internship

Asian and Near Eastern Languages Department



Asian and Near Eastern Languages

Department of Asian and Near Eastern Languages

Administration

Chair: Richard D McBride

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WEBSITE

Advisement Center:

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WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Asian and Near Eastern Languages are open enrollment. Some special limitations apply for teaching minors.

The Discipline

The many countries of Asia and the Near East are among the oldest civilizations in the world. The study of the languages and cultures of these nations gives students access to some of the richest and most varied traditions of thought, belief, and behavior to be found. A large percentage of the vast, essentially non-Christian segment of the world's population resides in these two zones: Asia—with its diverse heritage of belief in Hinduism, Buddhism, Taoism, Confucianism, and other systems of thought—continues to retain its "exotic" image for most Westerners, even though many nations in the region are at the forefront of contemporary politics and economics. The Near East, birthplace of Christianity, Judaism, and Islam, remains a little-understood, often stereotyped area of considerable economic, strategic, and religious importance today.

The languages of these regions are themselves generally difficult, with complex writing systems that require diligent study. But exposure to these languages and the cultures they express will enable students to look at the world from new perspectives and deepen their understanding of peoples whose history and practices are widely divergent from their own.

Courses in the department equip students with verbal and written facility in the languages of their chosen area, whereas linguistics courses offer an understanding of how the languages are structured and acquired. A study of the literature reveals old and sophisticated traditions no less important than that of English or any other major language.

Majors are available in Chinese, Japanese, and Korean, and a second major in Arabic. Students can obtain a minor in Arabic, Biblical Hebrew, and Modern Hebrew. Each discipline is briefly described below.

Arabic (second major program)

Arabic study at BYU stresses facility in speaking a colloquial dialect and fluency in reading the press. The program is designed to supplement the Middle East Studies/Arabic major which prepares students for government-, agency-, and NGO-related work. The second major program, which is conceived as a supplement to the Middle East Studies/Arabic major, aims to push students' reading and speaking ability in the direction of the superior level.

Chinese

The study of Chinese accesses the literature, thought, culture, and society of the world's largest population with the longest cultural continuum; moreover, since the civilizations of Japan, Korea, and Vietnam are founded on traditional Chinese Confucianism, a major in Chinese opens up much of the wider world of modern Asia. You will communicate in spoken and written Mandarin, gain skills in analyzing and appreciating both traditional and modern literature, acquire effective research strategies, and learn to write clearly and persuasively. All the personal enrichment and interpersonal understanding that results from a liberal arts education in the humanities is offered through the study of Chinese.

Hebrew

The BYU Hebrew program offers courses and minor degrees in both Biblical Hebrew and Modern Hebrew. Biblical Hebrew students develop appreciation for the Hebrew Bible and competence to read prose and poetry. The program is designed to provide students with habits of study so that they may enjoy a life-long exploration of the Hebrew Bible. Students of Modern Hebrew gain access to the spoken language of the State of Israel and, through it, to Jews throughout the world. The Modern Hebrew program emphasizes the ability to speak and understand Modern Hebrew, to analyze Israeli literature and media, and to appreciate the cultural dynamics of the language.

Japanese

The study of Japanese at the university level will provide students an opportunity to develop high level communication skills to acquire a greater understanding of Japan and its people. Additionally, students will be introduced to the rich cultural heritage of Japan in literature and the other arts. The study of Japanese language and literature will introduce students to many of the major aspects of that heritage, while providing the kind of training in language and cultural skills that will prepare students to undertake careers in a wide variety of fields.

Korean

Korean is a difficult language, and at BYU we emphasize reading and writing the language as well as speaking and listening. Basic course work emphasizes linguistic skill and the language's literary value and tradition.

Career Opportunities

Students who major or minor in the languages and cultures of Asia and the Near East will find that, as will any other humanities-centered course of study, they have been well provided with tools to communicate both in the target language and in English and have broadened and deepened their knowledge of the region of their choice. Career options are many and varied for such students, but those who do not plan to continue on in the academic study of the language are strongly urged to consider a second major or a strong minor in a practical field that can be combined with their language skills. In today's competitive world, language ability alone no longer provides the advantage it once offered on the job market. Students are urged to consult the College of Humanities Advisement Center, Career Placement Services, and their academic advisors for the best ways to make use of their language as they begin to seek employment.

Arabic

Graduates of our program find jobs in government agencies (the State Department, intelligence, the military), NGOs, and in international business. Many students use their Middle East Studies/Arabic major, or Arabic minor, as preparation for applying to MBA programs, law school, and medical or dental school.

Chinese

Chinese majors have all of the advantages of the liberal arts graduate (who claims effective communication and interpersonal skills) with the added edge of knowing the language and culture behind a leading world economy. Therefore, graduates enter the work force in a wide variety of occupations, such as journalism, insurance, business, travel, investment, and government service. They not only are marketable as trained linguists, translators, and cultural advisors, but are vigorously recruited as personnel managers and business representatives by companies with overseas interests. Graduates are also highly competitive in applying to professional schools for medicine, dentistry, law, and business.

Hebrew

Many students who minor in Biblical Hebrew major in Ancient Near Eastern Studies; some students continue on to earn Masters and Ph.D degrees. Eventually they are prepared to enter the academic field in a university setting, in seminary and institute programs of the Church Educational System, as independent researchers, or in related fields. Students who minor in Modern Hebrew will find the degree to be an asset if seeking jobs in government agencies (intelligence, State Department, military), international business, or the academic field.

Japanese

In recent years, graduates from the Japanese major at BYU have gone on to law, engineering, computer, or MBA programs, while others have continued on to medical, dental, and other professional schools. A few have pursued graduate work in a variety of academic fields at some of the most prestigious universities in the country. Others have gone directly to work in government service, in the military, and in American or Japanese business firms where their language ability and cultural background are in high demand. Some also pursue careers in translation or language teaching.

Korean

Most of the jobs available for students with a Korean major are in government (NSA, CIA, FBI, etc.), but Korean majors also have all the advantages of a liberal arts degree. Many of our graduates go on to professional schools, law, business, or medicine. Korean is an excellent complement, either as a major or minor, to studies in prelaw, political science, accounting, English, international relations, and many other majors available on campus. Korean is an important language in the world of diplomacy and defense, as well as the world of international business. (Korea is the eighth largest trading partner of the U.S.) Our graduates have been hired by the U.S. government and by U.S., international, and Korean businesses. They work in technical areas as well, involving everything from computers to broadcasting to medicine.

General Information

The Department of Asian and Near Eastern Languages strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Language Credit by Examination

?Credit by examination is available for many lower-division courses of the above-listed languages. Enrollment in an advanced class is prerequisite to taking the examination.

The following languages are not taught on a regular basis but may be offered if sufficient demand exists. Credit by examination is available for some of the Near Eastern languages listed below.

- Akkadian
- Aramaic
- Egyptian
- Persian (Farsi)
- Syriac
- Turkish
- Ugaritic

Language Certificate Program

The Language Certificate Program is available in Arabic, Chinese, Japanese, and Korean for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

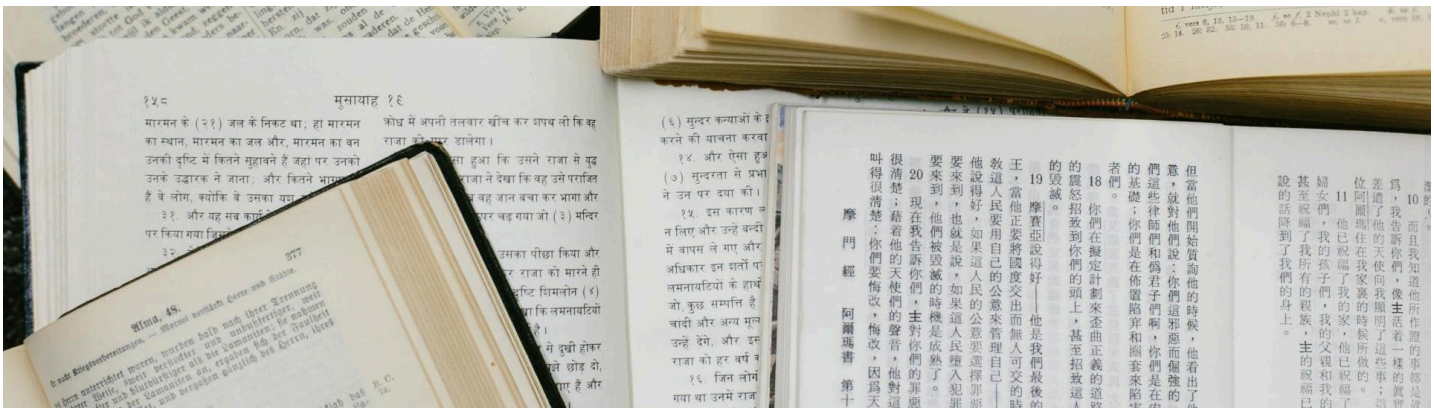
Chinese (Minor)
Chinese Teaching (Minor)
Japanese (Minor)
Japanese Teaching (Minor)
Korean (Minor)
Biblical Hebrew (Minor)
Modern Hebrew (Minor)
Chinese (BA)
Japanese (BA)
Korean (BA)
Arabic (Minor)
Arabic Language (BA)

Courses

ARAB 100R - Introduction to Arabic
ARAB 101 - First-Year Arabic
ARAB 102 - First-Year Arabic
ARAB 201 - Second-Year Arabic
ARAB 202 - Intermediate Arabic
ARAB 211R - Second-Year Conversation
ARAB 221R - Standard Arabic Tutorial
ARAB 222R - Spoken Arabic Tutorial
ARAB 223R - Arabic Grammar Review
ARAB 300 - Advanced Modern Standard Arabic
ARAB 302 - Newspaper Arabic
ARAB 311R - Third-Year Conversation
ARAB 331 - Spoken Arabic
ARAB 361 - Introduction to Modern Arabic Literature in Translation
ARAB 362 - Introduction to Medieval Arabic Literature in Translation
ARAB 377 - Arabic Language Teaching Methods
ARAB 411R - Advanced Formal Arabic Conversation and Rhetorical Skills
ARAB 421R - Fourth-Year Arabic Writing Tutorial
ARAB 422R - Advanced Spoken Arabic
ARAB 423R - Current Events in Arabic
ARAB 424R - Modern Arabic Literature
ARAB 425R - Classical Arabic Texts
ARAB 426R - Advanced Arabic Grammar
ARAB 427 - Arab Women Authors
ARAB 490R - Independent Readings
ARAB 495R - Directed Studies in Arabic
ARAB 531R - Advanced Topics in Arabic
CANT 101 - First-Year Cantonese
CANT 102 - First-Year Cantonese
CANT 201 - Second-Year Cantonese
CANT 202 - Second-Year Cantonese
CANT 211R - Second-Year Conversation
CHIN 101 - Beginning Mandarin
CHIN 102 - Beginning Mandarin
CHIN 112 - Beginning Chinese Reading
CHIN 200R - Chinese Calligraphy
CHIN 201 - Intermediate Mandarin
CHIN 202 - Intermediate Mandarin
CHIN 211R - Intermediate Conversation
CHIN 301 - Third-Year Mandarin
CHIN 302 - Third-Year Mandarin
CHIN 311R - Advanced Conversation
CHIN 321 - Selected Readings of Modern Chinese
CHIN 322 - Selected Readings of Modern Chinese.
CHIN 325 - Structure of Chinese
CHIN 326 - Introduction to Chinese Linguistics
CHIN 327 - Chinese Translation and Interpretation
CHIN 342 - Chinese Film in Translation
CHIN 343 - Chinese Literature in Translation--Poetry.
CHIN 344 - Chinese Literature in Translation--Prose
CHIN 345R - Chinese Culture
CHIN 346 - Introduction to Chinese Philosophy
CHIN 347 - Business Chinese
CHIN 377 - Chinese Language Teaching Procedures
CHIN 399R - Academic Internship
CHIN 411 - Speaking and Listening Mastery
CHIN 441 - Classical and Literary Chinese
CHIN 442 - Classical and Literary Chinese
CHIN 443 - Modern Chinese Literature
CHIN 444 - Contemporary Chinese Literature
CHIN 445R - Chinese Poetry
CHIN 477R - Secondary Minor Student Teaching
CHIN 490R - Individual Study in Chinese
CHIN 495 - Senior Seminar for Majors
CHIN 599R - Academic Internship
HEB 100R - Introduction to Hebrew
HEB 101 - First-Year Modern Hebrew 1
HEB 102 - First-Year Modern Hebrew 2

HEB 131 - First-Year Biblical Hebrew
HEB 132 - First-Year Biblical Hebrew
HEB 201 - Second-Year Modern Hebrew 1
HEB 202 - Second-Year Modern Hebrew 2
HEB 211R - Hebrew Conversation
HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative
HEB 232 - Second-Year Biblical Hebrew - Narrative 2
HEB 301 - Third-Year Modern Hebrew 1
HEB 302 - Third-Year Modern Hebrew 2
HEB 311R - Intermediate Conversation
HEB 312 - Hebrew Media
HEB 313 - Readings in the Old Testament
HEB 314R - Intermediate Hebrew Language in Jerusalem
HEB 321 - Intermediate Conversation and Media
HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1
HEB 332 - Third-Year Biblical Hebrew - Prophecy and Poetry 2
HEB 341R - Studies in Hebrew Culture
HEB 346R - Israeli and Jewish Civilization
HEB 411R - Advanced Conversation
HEB 421 - Readings in the Hebrew Translation of the New Testament
HEB 432R - Ancient Hebrew Texts
HEB 441 - Postbiblical Hebrew: Mishnah
HEB 490R - Individual Study in Hebrew
JAPAN 101 - First-Year Japanese
JAPAN 102 - First-Year Japanese
JAPAN 201 - Second-Year Japanese
JAPAN 202 - Second-Year Japanese
JAPAN 211R - Second-Year Conversation
JAPAN 301 - Japanese Reading and Culture
JAPAN 302 - Readings in Japanese History and Culture
JAPAN 311R - Advanced Oral Communication
JAPAN 318 - Essential Kanji 1
JAPAN 319 - Essential Kanji 2
JAPAN 321 - Advanced Japanese 1: Current Events
JAPAN 322 - Advanced Japanese 2: Modern Literature
JAPAN 325 - Structure of Japanese
JAPAN 326 - Japanese Language in Society
JAPAN 345 - Japanese Culture
JAPAN 350 - Japanese Literature in Translation--Eighth Through Sixteenth Centuries
JAPAN 351 - Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.
JAPAN 352 - Japanese Literature in Translation: The Modern Era
JAPAN 377 - Japanese Language Teaching Procedures
JAPAN 390 - Japanese Business Language
JAPAN 398R - Experience in Professional Japanese
JAPAN 399R - Academic Internship
JAPAN 411 - Toward Superior Oral Communication
JAPAN 418 - Mastery Kanji 1
JAPAN 419 - Mastery Kanji 2
JAPAN 441 - Introduction to Classical Japanese
JAPAN 443 - Toward Superior Japanese 1: Current Events
JAPAN 444 - Toward Superior Japanese 2: Modern Literature
JAPAN 446R - Special Topics in Japanese
JAPAN 477R - Secondary Minor Student Teaching
JAPAN 490R - Individual Study in Japanese
JAPAN 495 - Senior Seminar
JAPAN 599R - Academic Internship
KOREA 101 - First-Year Korean 1
KOREA 102 - First-Year Korean 2
KOREA 201 - Second-Year Korean 1
KOREA 202 - Second-Year Korean 2
KOREA 211R - Second-Year Conversation
KOREA 301 - Third-Year Korean 1
KOREA 302 - Third-Year Korean 2
KOREA 311R - Third-Year Conversation
KOREA 315 - Sino-Korean Character Workshop
KOREA 321 - Selected Readings of Modern Korean
KOREA 325 - Structure of Korean
KOREA 340 - Korean Literature to 1900
KOREA 343 - Premodern Korean Literature in Translation
KOREA 344 - Modern Korean Literature in Translation
KOREA 345 - Korean Culture
KOREA 346 - The Culture of North Korea Since 1945
KOREA 358R - Korean Religions and Culture
KOREA 377 - Korean Language Teaching Methods
KOREA 399R - Academic Internship
KOREA 401 - Fourth-Year Korean 1
KOREA 402 - Fourth-Year Korean 2
KOREA 441 - Classical Korean (Hanmun)
KOREA 443 - Korean Literature after 1900
KOREA 490R - Individual Study in Korean
KOREA 491 - Senior Proficiency Evaluation
KOREA 495 - Senior Seminar
NE LG 321R - Studies in Modern Near Eastern Languages
NE LG 340 - Ancient Near Eastern Mythology.
NE LG 345 - Texts and Ancient Temples
NE LG 495 - Senior Seminar in Near Eastern Studies
NE LG 511R - Studies in Ancient Near Eastern Languages
NE LG 511R - Ugaritic
NE LG 511R - Akkadian
NE LG 511R - Syriac
NE LG 511R - Egyptian
NE LG 511R - Coptic
NE LG 511R - Aramaic
NE LG 521R - Texts and Temples
NE LG 521R - Near Eastern Mythology
NE LG 521R - Special Topics in Ancient Near Eastern Literature

Language Studies Department



Language Studies

Center for Language Studies

Department Information:

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WEBSITE

FACULTY

Programs

Dual-Language Immersion K-12 Teaching
Translation and Localization

General Information

The Center for Language Studies supports the College of Humanities by augmenting the list of languages taught at the university. Not all classes are taught at every level or every semester. Offerings are determined by languages taught by the Missionary Training Center (MTC), student demand, and the availability of a qualified instructor. **Please see the Class Schedule for a list of classes currently offered.**

The "teaching area" abbreviation for each language is listed below in parentheses.

Afrikaans (AFRIK)	Hmong (HMONG)	Polish (POLSH)
Amharic (AMHAR)	Hungarian (HUNG)	Portuguese (PORT)*
Albanian (ALBAN)	Icelandic (ICLND)	Quechua (QUECH)
American Sign Language (ASL)	Ilonggo/Hiligaynon (HILIG)	Romanian (ROM)
Arabic (ARAB)*	Indonesian (INDON)	Russian (RUSS)*
Armenian (ARMEN)	Italian (ITAL)*	Samoan (SAMOA)
Azerbaijani (AZER)	Japanese (JAPAN)*	Serbian (SRBIA)
Bulgarian (BULGN)	Kekchi (KEKCH)	S'gaw Karen (SGAW)
Burmese (BURMS)	Khmer (KHMER)	Slovak (SLOVK)
Cantonese (CANT)	Kiribati (KIRIB)	Slovenian (SLN)
Cebuano (CEBU)	K'iche' (KICHE)	Spanish (SPAN)*
Croatian (CROAT)	Korean (KOREA)*	Swahili (SWAHI)
Czech (CZECH)	Laotian (LAO)	Swedish (SWED)
Danish (DANSH)	Latin (LATIN)*	Tagalog (TAGAL)
Dutch (DUTCH)	Latvian (LATVI)	Tahitian (TAHIT)
Estonian (ESTON)	Lithuanian (LITHU)	Thai (THAI)
Fijian (FIJI)	Malagasy (MALAG)	Tibetan (TIBET)
Finnish (FINN)	Macedonian (MACED)	Tongan (TONGA)
French (FREN)*	Malay (MALAY)	Turkish (TURK)
Georgian (GEORG)	Mandarin (CHIN)*	Twi (TWI)
German (GERM)*	Marshallese (MARSH)	Ukrainian (UKRAI)
Greek (Modern) (MGRK)*	Mongolian (MONGO)	Vietnamese (VIET)
Guarani (GUARA)	Navajo (NAVAJ)	Welsh (WELSH)
Haitian Creole (CREOL)*	Norwegian (NORWE)	
Hawaiian (HAWAI)	Persian (PERSI)	
Hebrew (HEB)		
Hindi (HINDI)		

* These languages are taught at BYU but **not** in the Center for Language Studies.

Advanced Language and Culture Courses

The advanced language and culture courses are a popular enrollment option for returned missionaries and others of comparable ability.

During these courses, students may be offered the opportunity to take a Challenge Exam whereby they may bypass beginning level language classes and earn up to 16 graded credits.

Note: If the course is not offered at the time the student is enrolled at BYU-Provo, the student has the option of taking the FLATS test through the Office of Digital Humanities on campus. This test offers 12 pass/fail credits. **Once the FLATS test is taken for pass/fail credit it may not be reevaluated for graded credit, *nor* may the Challenge Exam be taken at a later date.** (See http://flats.byu.edu for details.)

Advanced language and culture courses for returned missionaries

(Note: The "teaching area" abbreviation for each language is listed below in parentheses.)

* These languages or courses are taught at BYU but **not** in the Language Center.

Amharic (AMHAR) 330* Armenian (ARMEN) 330 Bulgarian (BULGN) 330 *Cantonese (CANT) 201, 202 Cebuano (CEBU) 330 Croatian (CROAT) 330 Czech (CZECH) 330 Danish (DANSH) 330* Dutch (DUTCH) 330 Estonian (ESTON) 330 Fijian (FIJI) 330 Finnish (FINN) 321 *French (FREN) 321 Georgian (GEORG) 330 *German (GERM) 330 *Haitian-Creole (CREOL) 330 Hiligaynen (HILIG) 330 Hindi (HINDI) 330 Hmong (HMONG) 330 Hungarian (HUNG) 330 Icelandic (ICLND) 429 Indonesian (INDON) 330 *Italian (ITAL) 321 *Japanese (JAPAN) 301, 302 Khmer (KHMER) 330 Kiribati (KIRIB) 330 *Korean (KOREA) 301 Laotian (LAO) 330 Latvian (LATVI) 330 Lituanian (LITHU) 330 Macedanian (MACED) 330* Macshallese (MARSH) 330* Malagasy (MALAG) 330 Malay (MALAY) 330 *Mandarin Chinese (CHIN) 112, 201, 202 Modern Greek (M GRK) 330 Mongolian (MONGO) 330 Norwegian (NORWE) 330* Persian (PERSI) 330 Polish (POLSH) 330 *Portuguese (PORT) 321 Romanian (ROM) 330 *Russian (RUSS) 330 Samoan (SAMOA) 330 Serbian (SRBIA) 330 S'gaw Karen (SGAW) 330 Slovak (SLOVK) 330 Slovene (SLN) 330 *Spanish (SPAN) 321 Swahili (SWAHI) 330 Swedish (SWED) 321* Tagalog (TAGAL) 330 Tahitian (TAHIT) 330 Thai (THAI) 330 Tongan (TONGA) 330 Turkish (TURK) 330 Twi (TWI) 330 Ukrainian (UKRAI) 330 Vietnamese (VIET) 330		

Note: Those advanced language and culture courses that are marked with an asterisk (*) DO NOT satisfy the Languages of Learning GE requirement.

BYU Language Certificate Program

The Center for Language Studies administers the BYU Language Certificate program. This program is designed to certify a student's language proficiency (through oral and written assessments) as well as a limited academic experience (three courses are required).

We currently offer the Language Certificate in the following languages:

Arabic, Cebuano, Chinese, Danish, Dutch, Finnish, French, German, Haitian-Creole, Indonesian, Italian, Japanese, Korean, Lao, Norwegian, Portuguese, Russian, Serbian/Croatian, Spanish, Swedish, Tagalog, Thai, and Vietnamese.

Visit the website (certificate.byu.edu) to read about the program.

Programs

Dual-Language Immersion K-12 Teaching (Minor)
Translation and Localization (Minor)

Courses

AFRIK 100 - Language Study: Afrikaans
AFRIK 101 - First-Year Afrikaans
AFRIK 102 - First-Year Afrikaans
AFRIK 201 - Second-Year Afrikaans
AFRIK 202 - Second-Year Afrikaans
AFRIK 211R - Second-Year Conversation
AFRIK 305 - Languages Skills Development: Afrikaans
AFRIK 311R - Third-Year Conversation
AFRIK 321 - Advanced Grammar: Afrikaans
AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans
AFRIK 340 - Introduction to Literature: Afrikaans
AFRIK 350 - Advanced Language Study for Career Purposes: Afrikaans
AKAN 100 - Language Study: Akan
AKAN 101 - First-Year Language Study: Akan
AKAN 102 - First-Year Language Study: Akan
AKAN 201 - Second-Year Language Study: Akan
AKAN 202 - Second-Year Language Study: Akan
AKAN 305 - Language Skills Development: Akan
AKAN 321 - Advanced Grammar: Akan
AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan
AKAN 340 - Introduction to Literature: Akan
AKAN 350 - Advanced Language Study for Career Purposes: Akan
ALBAN 100 - Language Study: Albanian
ALBAN 101 - First-Year Language Study: Albanian
ALBAN 102 - First-Year Language Study: Albanian
ALBAN 201 - Second-Year Language Study: Albanian
ALBAN 202 - Second-Year Language Study: Albanian
ALBAN 305 - Language Skills Development: Albanian
ALBAN 321 - Advanced Grammar: Albanian
ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian
ALBAN 340 - Introduction to Literature: Albanian
ALBAN 350 - Advanced Language Study for Career Purposes: Albanian
AMHAR 101 - First-Year Language Study: Amharic
AMHAR 102 - First-Year Language Study: Amharic
AMHAR 201 - Second-Year Language Study: Amharic
AMHAR 202 - Second-Year Language Study: Amharic
ARMEN 100 - Language Study: Armenian
ARMEN 101 - First-Year Language Study: Armenian
ARMEN 102 - First-Year Language Study: Armenian
ARMEN 201 - Second-Year Language Study: Armenian
ARMEN 202 - Second-Year Language Study: Armenian
ARMEN 305 - Language Skills Development: Armenian
ARMEN 321 - Advanced Grammar: Armenian
ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian
ARMEN 340 - Introduction to Literature: Armenian
ARMEN 350 - Advanced Language Study for Career Purposes: Armenian
ASL 101 - First-Year American Sign Language, Part 1
ASL 102 - First-Year American Sign Language, Part 2
ASL 111R - American Sign Language Basic Conversation
ASL 201 - Second-Year American Sign Language, Part 1
ASL 202 - Second-Year American Sign Language, Part 2
ASL 210 - ASL Fingerspelling and Numbering
ASL 211R - American Sign Language Intermediate Conversation
ASL 301 - Advanced American Sign Language and Culture
ASL 302 - Deaf Literature
ASL 305 - ASL Special Topics
ASL 311R - American Sign Language Advanced Conversation
ASL 320 - History of Modern Deaf Culture
ASL 330 - Advanced Language Proficiency through Cultural Studies: ASL
ASL 431 - Interpreting 1
ASL 431 - Introduction to American Sign Language Linguistics
ASL 432 - Exploration of American Sign Language Interpreting
AYMRA 100 - Language Study: Aymara
AYMRA 101 - First-Year Language Study: Aymara
AYMRA 102 - First-Year Language Study: Aymara
AYMRA 201 - Second-Year Language Study: Aymara
AYMRA 202 - Second-Year Language Study: Aymara
AYMRA 305 - Language Skills Development: Aymara
AYMRA 321 - Advanced Grammar: Aymara
AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara
AYMRA 340 - Introduction to Literature: Aymara
AYMRA 350 - Advanced Language Study for Career Purposes: Aymara
AZER 100 - Language Study: Azerbaijani
AZER 101 - First-Year Language Study: Azerbaijani
AZER 102 - First-Year Language Study: Azerbaijani
AZER 201 - Second-Year Language Study: Azerbaijani
AZER 202 - Second-Year Language Study: Azerbaijani
AZER 305 - Language Skills Development: Azerbaijani
AZER 330 - Advanced Language Proficiency Through Cultural Studies: Azerbaijani
AZER 340 - Introduction to Literature: Azerbaijani
AZER 350 - Advanced Language Study for Career Purposes: Azerbaijani
BASQ 100 - Language Study: Basque
BASQ 101 - First-Year Language Study: Basque
BASQ 102 - First-Year Language Study: Basque
BASQ 201 - Second-Year Language Study: Basque
BASQ 202 - Second-Year Language Study: Basque
BASQ 305 - Language Skills Development: Basque
BASQ 321 - Advanced Grammar: Basque
BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque
BASQ 340 - Introduction to Literature: Basque
BASQ 350 - Advanced Language Study for Career Purposes: Basque
BCLNO 100 - Language Study: Bicolano
BCLNO 101 - First-Year Language Study: Bicolano
BCLNO 102 - First-Year Language Study: Bicolano
BCLNO 201 - Second-Year Language Study: Bicolano
BCLNO 202 - Second-Year Language Study: Bicolano
BCLNO 305 - Language Skills Development: Bicolano
BCLNO 321 - Advanced Grammar: Bicolano
BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano
BCLNO 340 - Introduction to Literature: Bicolano

BCLNO 350 - Advanced Language Study for Career Purposes: Bicolano
BULGN 100 - Language Study: Bulgarian
BULGN 101 - First-Year Bulgarian
BULGN 102 - First-Year Bulgarian
BULGN 201 - Second-Year Bulgarian
BULGN 211R - Second-Year Conversation
BULGN 305 - Language Skills Development: Bulgarian
BULGN 321 - Advanced Grammar: Bulgarian
BULGN 330 - Cultural History of Bulgaria
BULGN 340 - Introduction to Literature: Bulgarian
BULGN 350 - Advanced Language Study for Career Purposes: Bulgarian
BURMS 100 - Language Study: Burmese
BURMS 101 - First-Year Language Study: Burmese
BURMS 102 - First-Year Language Study: Burmese
BURMS 201 - Second-Year Language Study: Burmese
BURMS 202 - Second-Year Language Study: Burmese
BURMS 305 - Language Skills Development: Burmese
BURMS 321 - Advanced Grammar: Burmese
BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese
BURMS 340 - Introduction to Literature: Burmese
BURMS 350 - Advanced Language Study for Career Purposes: Burmese
CAKCQ 100 - Language Study: Cakchiquel
CAKCQ 101 - First-Year Language Study: Cakchiquel
CAKCQ 102 - First-Year Language Study: Cakchiquel
CAKCQ 201 - Second-Year Language Study: Cakchiquel
CAKCQ 202 - Second-Year Language Study: Cakchiquel
CAKCQ 305 - Language Skills Development: Cakchiquel
CAKCQ 321 - Advanced Grammar: Cakchiquel
CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel
CAKCQ 340 - Introduction to Literature: Cakchiquel
CAKCQ 350 - Advanced Language Study for Career Purposes: Cakchiquel
CATLN 100 - Language Study: Catalan
CATLN 101 - First-Year Language Study: Catalan
CATLN 102 - First-Year Language Study: Catalan
CATLN 201 - Second-Year Language Study: Catalan
CATLN 202 - Second-Year Language Study: Catalan
CATLN 305 - Language Skills Development: Catalan
CATLN 321 - Advanced Grammar: Catalan
CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan
CATLN 340 - Introduction to Literature: Catalan
CATLN 350 - Advanced Language Study for Career Purposes: Catalan
CEBU 100 - Language Study: Cebuano
CEBU 101 - First-Year Language Study: Cebuano
CEBU 102 - First-Year Language Study: Cebuano
CEBU 201 - Second-Year Language Study: Cebuano
CEBU 202 - Second-Year Language Study: Cebuano
CEBU 305 - Language Skills Development: Cebuano
CEBU 321 - Advanced Grammar: Cebuano
CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano
CEBU 340 - Introduction to Literature: Cebuano
CEBU 350 - Advanced Language Study for Career Purposes: Cebuano
CROAT 100 - Language Study: Croatian
CROAT 101 - First-Year Language Study: Croatian
CROAT 102 - First-Year Language Study: Croatian
CROAT 201 - Second-Year Language Study: Croatian
CROAT 202 - Second-Year Language Study: Croatian
CROAT 305 - Language Skills Development: Croatian
CROAT 321 - Advanced Grammar: Croatian
CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian
CROAT 340 - Introduction to Literature: Croatian
CROAT 350 - Advanced Language Study for Career Purposes: Croatian
CZECH 100 - Language Study: Czech
CZECH 101 - First-Year Czech
CZECH 102 - First-Year Czech
CZECH 201 - Second-Year Czech
CZECH 211R - Second-Year Conversation
CZECH 305 - Language Skills Development: Czech
CZECH 321 - Advanced Grammar: Czech
CZECH 330 - Cultural History of Czech Republic
CZECH 340 - Introduction to Literature: Czech
CZECH 350 - Advanced Language Study for Career Purposes: Czech
DANSH 101 - First-Year Danish
DANSH 102 - First-Year Danish
DANSH 201 - Second-Year Danish
DANSH 202 - Second Year Danish
DANSH 330 - Advanced Language Proficiency Through Cultural Studies: Danish
DANSH 399R - Academic Internship
DARI 100 - Language Study: Dari
DARI 101 - First-Year Language Study: Dari
DARI 102 - First-Year Language Study: Dari
DARI 201 - Second-Year Language Study: Dari
DARI 202 - Second-Year Language Study: Dari
DARI 305 - Language Skills Development: Dari
DARI 321 - Advanced Grammar: Dari
DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari
DARI 340 - Introduction to Literature: Dari
DARI 350 - Advanced Language Study for Career Purposes: Dari
DUTCH 100 - Language Study: Dutch
DUTCH 101 - First-Year Dutch
DUTCH 102 - First-Year Dutch
DUTCH 201 - Second-Year Dutch
DUTCH 211R - Second-Year Conversation
DUTCH 305 - Language Skills Development: Dutch
DUTCH 311R - Third-Year Conversation
DUTCH 321 - Advanced Grammar: Dutch
DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch
DUTCH 340 - Introduction to Dutch Literature
DUTCH 350 - Advanced Language Study for Career Purposes: Dutch
ESTON 100 - Language Study: Estonian
ESTON 101 - First-Year Language Study: Estonian
ESTON 102 - First-Year Language Study: Estonian
ESTON 201 - Second-Year Language Study: Estonian
ESTON 202 - Second-Year Language Study: Estonian
ESTON 305 - Language Skills Development: Estonian
ESTON 321 - Advanced Grammar: Estonian
ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian
ESTON 340 - Introduction to Literature: Estonian
ESTON 350 - Advanced Language Study for Career Purposes: Estonian
FIJI 100 - Language Study: Fijian
FIJI 101 - First-Year Language Study: Fijian
FIJI 102 - First-Year Language Study: Fijian
FIJI 201 - Second-Year Language Study: Fijian
FIJI 202 - Second-Year Language Study: Fijian
FIJI 305 - Language Skills Development: Fijian
FIJI 321 - Advanced Grammar: Fijian
FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian
FIJI 340 - Introduction to Literature: Fijian
FIJI 350 - Advanced Language Study for Career Purposes: Fijian
FINN 101 - First-Year Finnish
FINN 102 - First-Year Finnish
FINN 201 - Second-Year Finnish
FINN 202 - Second Year Finnish
FINN 305 - Language Skills Development: Finnish
FINN 330 - Advanced Language Proficiency Through Cultural Studies: Finnish
FINN 340 - Finnish Literature

FLANG 100R - Language Study
FLANG 101R - First-Year Language Study
FLANG 102R - First-Year Language Study
FLANG 201R - Second-Year Language Study
FLANG 202R - Second-Year Language Study
FLANG 211R - Intermediate Conversation
FLANG 276 - Exploration of Teaching Foreign Languages
FLANG 300 - Foundations of Dual Language and Immersion Education
FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms
FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms
FLANG 305R - Language Skills Development
FLANG 311R - Advanced Conversation
FLANG 321R - Advanced Grammar
FLANG 330R - Advanced Language Proficiency Through Cultural Studies
FLANG 340R - Introduction to Literature
FLANG 350R - Advanced Language Study for Career Purposes
FLANG 377R - Foreign Language Teaching Methods
FLANG 477R - Dual Language Immersion K-12 Student Teaching
FLANG 490R - Special Studies in Second Language Applications
GA 100 - Language Study: Ga
GA 101 - First-Year Language Study: Ga
GA 102 - First-Year Language Study: Ga
GA 201 - Second-Year Language Study: Ga
GA 202 - Second-Year Language Study: Ga
GA 305 - Language Skills Development: Ga
GA 321 - Advanced Grammar: Ga
GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga
GA 340 - Introduction to Literature: Ga
GA 350 - Advanced Language Study for Career Purposes: Ga
GEORG 100 - Language Study: Georgian
GEORG 101 - First-Year Language Study: Georgian
GEORG 102 - First-Year Language Study: Georgian
GEORG 201 - Second-Year Language Study: Georgian
GEORG 202 - Second-Year Language Study: Georgian
GEORG 305 - Language Skills Development: Georgian
GEORG 321 - Advanced Grammar: Georgian
GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian
GEORG 340 - Introduction to Literature: Georgian
GEORG 350 - Advanced Language Study for Career Purposes: Georgian
GUARA 100 - Language Study: Guarani
GUARA 101 - First-Year Language Study: Guarani
GUARA 102 - First-Year Language Study: Guarani
GUARA 201 - Second-Year Language Study: Guarani
GUARA 202 - Second-Year Language Study: Guarani
GUARA 305 - Language Skills Development: Guarani
GUARA 321 - Advanced Grammar: Guarani
GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani
GUARA 340 - Introduction to Literature: Guarani
GUARA 350 - Advanced Language Study for Career Purposes: Guarani
HAWAI 100 - Language Study: Hawaiian
HAWAI 101 - First-Year Language Study: Hawaiian
HAWAI 102 - First-Year Language Study: Hawaiian
HAWAI 201 - Second-Year Language Study: Hawaiian
HAWAI 202 - Second-Year Language Study: Hawaiian
HAWAI 305 - Language Skills Development: Hawaiian
HAWAI 321 - Advanced Grammar: Hawaiian
HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian
HAWAI 340 - Introduction to Literature: Hawaiian
HAWAI 350 - Advanced Language Study for Career Purposes: Hawaiian
HILIG 100 - Language Study: Ilonggo/Hiligaynon
HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon
HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon
HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon
HILIG 202 - Second-Year Language Study: Ilonggo/Hiligaynon
HILIG 305 - Language Skills Development: Ilonggo/Hiligaynon
HILIG 321 - Advanced Grammar: Ilonggo/Hiligaynon
HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon
HILIG 340 - Introduction to Literature: Ilonggo/Hiligaynon
HILIG 350 - Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon
HINDI 100 - Language Study: Hindi
HINDI 101 - First-Year Language Study: Hindi
HINDI 102 - First-Year Language Study: Hindi
HINDI 201 - Second-Year Language Study: Hindi
HINDI 202 - Second-Year Language Study: Hindi
HINDI 305 - Language Skills Development: Hindi
HINDI 321 - Advanced Grammar: Hindi
HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi
HINDI 340 - Introduction to Literature: Hindi
HINDI 350 - Advanced Language Study for Career Purposes: Hindi
HMONG 100 - Language Study: Hmong
HMONG 101 - First-Year Language Study: Hmong
HMONG 102 - First-Year Language Study: Hmong
HMONG 201 - Second-Year Language Study: Hmong
HMONG 202 - Second-Year Language Study: Hmong
HMONG 305 - Language Skills Development: Hmong
HMONG 321 - Advanced Grammar: Hmong
HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong
HMONG 340 - Introduction to Literature: Hmong
HMONG 350 - Advanced Language Study for Career Purposes: Hmong
HUNG 100 - Language Study: Hungarian
HUNG 101 - First-Year Hungarian
HUNG 102 - First-Year Hungarian
HUNG 201 - Second-Year Hungarian
HUNG 211R - Second-Year Conversation
HUNG 305 - Language Skills Development: Hungarian
HUNG 321 - Advanced Grammar: Hungarian
HUNG 330 - Cultural History of Hungary
HUNG 340 - Introduction to Literature: Hungarian
HUNG 350 - Advanced Language Study for Career Purposes: Hungarian
ICLND 101 - First-Year Icelandic
ICLND 102 - First-Year Icelandic
ICLND 201 - Second-Year Icelandic
ICLND 202 - Second-Year Icelandic
ICLND 429 - Old Icelandic Language and Literature
ILANG 100 - Language Study: Ilangot
ILANG 101 - First-Year Language Study: Ilangot
ILANG 102 - First-Year Language Study: Ilangot
ILANG 201 - Second-Year Language Study: Ilangot
ILANG 202 - Second-Year Language Study: Ilangot
ILANG 305 - Language Skills Development: Ilangot
ILANG 321 - Advanced Grammar: Ilangot
ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot
ILANG 340 - Introduction to Literature: Ilangot
ILANG 350 - Advanced Language Study for Career Purposes: Ilangot
ILOCN 100 - Language Study: Ilocano
ILOCN 101 - First-Year Language Study: Ilocano
ILOCN 102 - First-Year Language Study: Ilocano
ILOCN 201 - Second-Year Language Study: Ilocano
ILOCN 202 - Second-Year Language Study: Ilocano
ILOCN 305 - Language Skills Development: Ilocano
ILOCN 321 - Advanced Grammar: Ilocano
ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano
ILOCN 340 - Introduction to Literature: Ilocano

ILOCN 350 - Advanced Language Study for Career Purposes: Ilocano
INDON 100 - Language Study: Indonesian
INDON 101 - First-Year Language Study: Indonesian
INDON 102 - First-Year Language Study: Indonesian
INDON 201 - Second-Year Language Study: Indonesian
INDON 202 - Second-Year Language Study: Indonesian
INDON 305 - Language Skills Development: Indonesian
INDON 321 - Advanced Grammar: Indonesian
INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian
INDON 340 - Introduction to Literature: Indonesian
INDON 350 - Advanced Language Study for Career Purposes: Indonesian
JAVNS 100 - Language Study: Javanese
JAVNS 101 - First-Year Language Study: Javanese
JAVNS 102 - First-Year Language Study: Javanese
JAVNS 201 - Second-Year Language Study: Javanese
JAVNS 202 - Second-Year Language Study: Javanese
JAVNS 305 - Language Skills Development: Javanese
JAVNS 321 - Advanced Grammar: Javanese
JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese
JAVNS 340 - Introduction to Literature: Javanese
JAVNS 350 - Advanced Language Study for Career Purposes: Javanese
KAZAK 100 - Language Study: Kazakh
KAZAK 101 - First-Year Language Study: Kazakh
KAZAK 102 - First-Year Language Study: Kazakh
KAZAK 201 - Second-Year Language Study: Kazakh
KAZAK 202 - Second-Year Language Study: Kazakh
KAZAK 305 - Language Skills Development: Kazakh
KAZAK 321 - Advanced Grammar: Kazakh
KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh
KAZAK 340 - Introduction to Literature: Kazakh
KAZAK 350 - Advanced Language Study for Career Purposes: Kazakh
KEKCH 330 - Advanced Language Proficiency Through Cultural Studies: Kekchi
KHMER 100 - Language Study: Khmer
KHMER 101 - First-Year Language Study: Khmer
KHMER 102 - First-Year Language Study: Khmer
KHMER 201 - Second-Year Language Study: Khmer
KHMER 202 - Second-Year Language Study: Khmer
KHMER 305 - Language Skills Development: Khmer
KHMER 321 - Advanced Grammar: Khmer
KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer
KHMER 340 - Introduction to Literature: Khmer
KHMER 350 - Advanced Language Study for Career Purposes: Khmer
KICHE 100 - Language Study: K'iche
KICHE 101 - First-Year Language Study: K'iche
KICHE 102 - First-Year Language Study: K'iche
KICHE 201 - Second-Year Language Study: K'iche
KICHE 202 - Second-Year Language Study: K'iche
KICHE 305 - Language Skills Development: K'iche
KICHE 321 - Advanced Grammar: K'iche
KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche
KICHE 340 - Introduction to Literature: K'iche
KICHE 350 - Advanced Language Study for Career Purposes: K'iche
KIRIB 100 - Language Study: Kiribati
KIRIB 101 - First-Year Language Study: Kiribati
KIRIB 102 - First-Year Language Study: Kiribati
KIRIB 201 - Second-Year Language Study: Kiribati
KIRIB 202 - Second-Year Language Study: Kiribati
KIRIB 305 - Language Skills Development: Kiribati
KIRIB 321 - Advanced Grammar: Kiribati
KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati
KIRIB 340 - Introduction to Literature: Kiribati
KIRIB 350 - Advanced Language Study for Career Purposes: Kiribati
LAO 100 - Language Study: Lao
LAO 101 - First-Year Language Study: Lao
LAO 102 - First-Year Language Study: Lao
LAO 201 - Second-Year Language Study: Lao
LAO 202 - Second-Year Language Study: Lao
LAO 305 - Language Skills Development: Lao
LAO 321 - Advanced Grammar: Lao
LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao
LAO 340 - Introduction to Literature: Lao
LAO 350 - Advanced Language Study for Career Purposes: Lao
LATVI 100 - Language Study: Latvian
LATVI 101 - First-Year Latvian
LATVI 102 - First-Year Latvian
LATVI 201 - Second-Year Latvian
LATVI 202 - Second-Year Language Study: Latvian
LATVI 211R - Second-Year Conversation
LATVI 305 - Language Skills Development: Latvian
LATVI 321 - Advanced Grammar: Latvian
LATVI 330 - Cultural History of Latvia
LATVI 340 - Introduction to Literature: Latvian
LATVI 350 - Advanced Language Study for Career Purposes: Latvian
LITHU 100 - Language Study: Lithuanian
LITHU 101 - First-Year Lithuanian
LITHU 102 - First-Year Lithuanian
LITHU 201 - Second-Year Lithuanian
LITHU 202 - Second-Year Language Study: Lithuanian
LITHU 211R - Second-Year Conversation
LITHU 305 - Language Skills Development: Lithuanian
LITHU 321 - Advanced Grammar: Lithuanian
LITHU 330 - Cultural History of Lithuania.
LITHU 340 - Introduction to Literature: Lithuanian
LITHU 350 - Advanced Language Study for Career Purposes: Lithuanian
M GRK 100 - Language Study: Modern Greek
M GRK 101 - First-Year Language Study: Modern Greek
M GRK 102 - First-Year Language Study: Modern Greek
M GRK 201 - Second-Year Language Study: Modern Greek
M GRK 202 - Second-Year Language Study: Modern Greek
M GRK 305 - Language Skills Development: Modern Greek
M GRK 321 - Advanced Grammar: Modern Greek
M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek
M GRK 340 - Introduction to Literature: Modern Greek
M GRK 350 - Advanced Language Study for Career Purposes: Modern Greek
MACED 100 - Language Study: Macedonian
MACED 101 - First-Year Language Study: Macedonian
MACED 102 - First-Year Language Study: Macedonian
MACED 201 - Second-Year Language Study: Macedonian
MACED 202 - Second-Year Language Study: Macedonian
MACED 305 - Language Skills Development: Macedonian
MACED 321 - Advanced Grammar: Macedonian
MACED 330 - Advanced Language Proficiency Through Cultural Studies: Macedonian
MACED 340 - Introduction to Literature: Macedonian
MACED 350 - Advanced Language Study for Career Purposes: Macedonian
MALAG 100 - Language Study: Malagasy
MALAG 101 - First-Year Language Study: Malagasy
MALAG 102 - First-Year Language Study: Malagasy
MALAG 201 - Second-Year Language Study: Malagasy
MALAG 202 - Second-Year Language Study: Malagasy
MALAG 305 - Language Skills Development: Malagasy
MALAG 321 - Advanced Grammar: Malagasy
MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy
MALAG 340 - Introduction to Literature: Malagasy

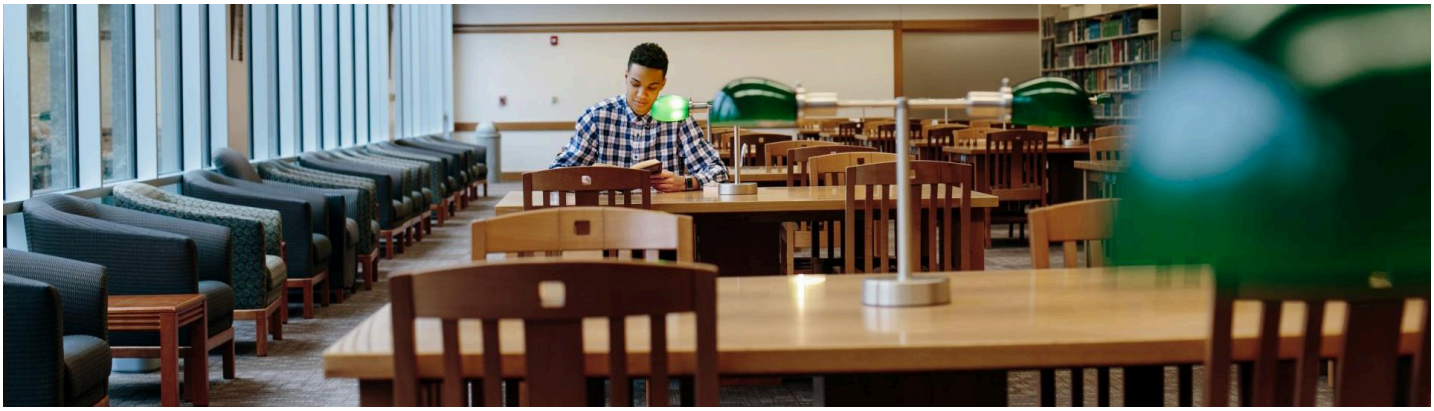
MALAG 350 - Advanced Language Study for Career Purposes: Malagasy
MALAY 100 - Language Study: Malay
MALAY 101 - First-Year Language Study: Malay
MALAY 102 - First-Year Language Study: Malay
MALAY 201 - Second-Year Language Study: Malay
MALAY 202 - Second-Year Language Study: Malay
MALAY 305 - Language Skills Development: Malay
MALAY 321 - Advanced Grammar: Malay
MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay
MALAY 340 - Introduction to Literature: Malay
MALAY 350 - Advanced Language Study for Career Purposes: Malay
MAORI 100 - Language Study: Maori
MAORI 101 - First-Year Language Study: Maori
MAORI 102 - First-Year Language Study: Maori
MAORI 201 - Second-Year Language Study: Maori
MAORI 202 - Second-Year Language Study: Maori
MAORI 305 - Language Skills Development: Maori
MAORI 321 - Advanced Grammar: Maori
MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori
MAORI 340 - Introduction to Literature: Maori
MAORI 350 - Advanced Language Study for Career Purposes: Maori
MARSH 100 - Language Study: Marshallese
MARSH 101 - First-Year Language Study: Marshallese
MARSH 102 - First-Year Language Study: Marshallese
MARSH 201 - Second-Year Language Study: Marshallese
MARSH 202 - Second-Year Language Study: Marshallese
MARSH 305 - Language Skills Development: Marshallese
MARSH 321 - Advanced Grammar: Marshallese
MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese
MARSH 340 - Introduction to Literature: Marshallese
MARSH 350 - Advanced Language Study for Career Purposes: Marshallese
MAYA 100 - Language Study: Maya
MAYA 101 - First-Year Language Study: Maya
MAYA 102 - First-Year Language Study: Maya
MAYA 201 - Second-Year Language Study: Maya
MAYA 202 - Second-Year Language Study: Maya
MAYA 305 - Language Skills Development: Maya
MAYA 321 - Advanced Grammar: Maya
MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya
MAYA 340 - Introduction to Literature: Maya
MAYA 350 - Advanced Language Study for Career Purposes: Maya
MONGO 100 - Language Study: Mongolian
MONGO 101 - First-Year Language Study: Mongolian
MONGO 102 - First-Year Language Study: Mongolian
MONGO 201 - Second-Year Language Study: Mongolian
MONGO 202 - Second-Year Language Study: Mongolian
MONGO 305 - Language Skills Development: Mongolian
MONGO 321 - Advanced Grammar: Mongolian
MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian
MONGO 340 - Introduction to Literature: Mongolian
MONGO 350 - Advanced Language Study for Career Purposes: Mongolian
NAVAJ 100 - Language Study: Navajo
NAVAJ 101 - First-Year Language Study: Navajo
NAVAJ 102 - First-Year Language Study: Navajo
NAVAJ 201 - Second-Year Language Study: Navajo
NAVAJ 202 - Second-Year Language Study: Navajo
NAVAJ 305 - Language Skills Development: Navajo
NAVAJ 321 - Advanced Grammar: Navajo
NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo
NAVAJ 340 - Introduction to Literature: Navajo
NAVAJ 350 - Advanced Language Study for Career Purposes: Navajo
NIUEA 100 - Language Study: Niuean
NIUEA 101 - First-Year Language Study: Niuean
NIUEA 102 - First-Year Language Study: Niuean
NIUEA 201 - Second-Year Language Study: Niuean
NIUEA 202 - Second-Year Language Study: Niuean
NIUEA 305 - Language Skills Development: Niuean
NIUEA 321 - Advanced Grammar: Niuean
NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean
NIUEA 340 - Introduction to Literature: Niuean
NIUEA 350 - Advanced Language Study for Career Purposes: Niuean
NORWE 101 - First-Year Norwegian
NORWE 102 - First-Year Norwegian
NORWE 201 - Second-Year Norwegian
NORWE 202 - Second Year Norwegian
NORWE 330 - Advanced Language Proficiency Through Cultural Studies: Norwegian
NORWE 340 - Norwegian Literature
PERSI 100 - Language Study: Persian
PERSI 101 - First-Year Language Study: Persian
PERSI 102 - First-Year Language Study: Persian
PERSI 201 - Second-Year Language Study: Persian
PERSI 202 - Second-Year Language Study: Persian
PERSI 305 - Language Skills Development: Persian
PERSI 321 - Advanced Grammar: Persian
PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian
PERSI 340 - Introduction to Literature: Persian
PERSI 350 - Advanced Language Study for Career Purposes: Persian
PLANG 270 - Introduction to the Language Industry
PLANG 380 - Computer-Assisted Translation
PLANG 399R - Translation & Localization Internship
PLANG 414 - Introduction to Translation
PLANG 460 - Software Localization
PLANG 480 - Advanced Systems and Artificial Intelligence (AI) Use in Translation
PLANG 505 - Professional Language Program Seminar
PLANG 511 - Advanced Professional Language: Speaking
PLANG 520 - Advanced Professional Language: Reading & Writing
PLANG 530 - Receptive Language Skills: Domain Specialization
PLANG 540 - Professional Language: Project Management
PLANG 551 - Superior Professional Language: Speaking
PLANG 580 - Productive Language Skills: Domain Specialization
POLSH 100 - Language Study: Polish
POLSH 101 - First-Year Polish
POLSH 102 - First-Year Polish
POLSH 201 - Second-Year Polish
POLSH 202 - Second-Year Polish
POLSH 211R - Second-Year Conversation
POLSH 305 - Language Skills Development: Polish
POLSH 311R - Third-Year Conversation
POLSH 321 - Advanced Grammar: Polish
POLSH 330 - Cultural History of Poland
POLSH 340 - Polish Literature Survey
POLSH 350 - Advanced Language Study for Career Purposes: Polish
PSHTO 100 - Language Study: Pashto
PSHTO 101 - First-Year Language Study: Pashto
PSHTO 102 - First-Year Language Study: Pashto
PSHTO 201 - Second-Year Language Study: Pashto
PSHTO 202 - Second-Year Language Study: Pashto
PSHTO 305 - Language Skills Development: Pashto
PSHTO 321 - Advanced Grammar: Pashto
PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto
PSHTO 340 - Introduction to Literature: Pashto
PSHTO 350 - Advanced Language Study for Career Purposes: Pashto
QUECH 100 - Language Study: Quechua

QUECH 101 - First-Year Language Study: Quechua
QUECH 102 - First-Year Language Study: Quechua
QUECH 201 - Second-Year Language Study: Quechua
QUECH 202 - Second-Year Language Study: Quechua
QUECH 305 - Language Skills Development: Quechua
QUECH 321 - Advanced Grammar: Quechua
QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua
QUECH 340 - Introduction to Literature: Quechua
QUECH 350 - Advanced Language Study for Career Purposes: Quechua
RAROT 100 - Language Study: Rarotongan
RAROT 101 - First-Year Language Study: Rarotongan
RAROT 102 - First-Year Language Study: Rarotongan
RAROT 201 - Second-Year Language Study: Rarotongan
RAROT 202 - Second-Year Language Study: Rarotongan
RAROT 305 - NULL
RAROT 321 - Advanced Grammar: Rarotongan
RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan
RAROT 340 - Introduction to Literature: Rarotongan
RAROT 350 - Advanced Language Study for Career Purposes: Rarotongan
ROM 100 - Language Study: Romanian
ROM 101 - First-Year Romanian, Part 1
ROM 102 - First-Year Romanian, Part 2
ROM 201 - Second-Year Romanian
ROM 202 - Second-Year Language Study: Romanian
ROM 211R - Second-Year Romanian Conversation
ROM 305 - Language Skills Development: Romanian
ROM 311R - Third-Year Romanian Conversation
ROM 321 - Advanced Grammar: Romanian
ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian
ROM 340 - Introduction to Romanian Literature and Culture
ROM 350 - Advanced Language Study for Career Purposes: Romanian
SAMOA 100 - Language Study: Samoan
SAMOA 101 - First-Year Language Study: Samoan
SAMOA 102 - First-Year Language Study: Samoan
SAMOA 201 - Second-Year Language Study: Samoan
SAMOA 202 - Second-Year Language Study: Samoan
SAMOA 305 - Language Skills Development: Samoan
SAMOA 321 - Advanced Grammar: Samoan
SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan
SAMOA 340 - Introduction to Literature: Samoan
SAMOA 350 - Advanced Language Study for Career Purposes: Samoan
SCAND 429 - Old Norse
SCAND 490R - Seminar in Scandinavian Studies
SGAW 101 - First-Year Language Study: S'gaw Karen
SGAW 102 - First-Year Language Study: S'gaw Karen
SGAW 201 - Second-Year Language Study: S'gaw Karen
SGAW 202 - Second-Year Language Study: S'gaw Karen
SGAW 330 - Advanced Language Proficiency Through Cultural Studies: S'gaw Karen
SLAT 380 - SLAT Practicum in Language Teaching
SLAT 476 - SLAT Secondary Language Teaching
SLAT 577 - Methods of Teaching Foreign Languages
SLN 100 - Language Study: Slovene
SLN 101 - First-Year Slovene
SLN 102 - First-Year Slovene
SLN 201 - Second-Year Slovene
SLN 202 - Second-Year Language Study: Slovene
SLN 211R - Second-Year Conversation
SLN 305 - Language Skills Development: Slovene
SLN 321 - Advanced Grammar: Slovene
SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene
SLN 340 - Introduction to Literature: Slovene
SLN 350 - Advanced Language Study for Career Purposes: Slovene
SLOVK 100 - Language Study: Slovak
SLOVK 101 - First-Year Language Study: Slovak
SLOVK 102 - First-Year Language Study: Slovak
SLOVK 201 - Second-Year Language Study: Slovak
SLOVK 202 - Second-Year Language Study: Slovak
SLOVK 305 - Language Skills Development: Slovak
SLOVK 321 - Advanced Grammar: Slovak
SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak
SLOVK 340 - Introduction to Literature: Slovak
SLOVK 350 - Advanced Language Study for Career Purposes: Slovak
SRBIA 100 - Language Study: Serbian
SRBIA 101 - First-Year Language Study: Serbian
SRBIA 102 - First-Year Language Study: Serbian
SRBIA 201 - Second-Year Language Study: Serbian
SRBIA 202 - Second-Year Language Study: Serbian
SRBIA 305 - Language Skills Development: Serbian
SRBIA 321 - Advanced Grammar: Serbian
SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian
SRBIA 340 - Introduction to Literature: Serbian
SRBIA 350 - Advanced Language Study for Career Purposes: Serbian
SWAHI 100 - Language Study: Swahili
SWAHI 101 - First-Year Language Study: Swahili
SWAHI 102 - First-Year Language Study: Swahili
SWAHI 201 - Second-Year Language Study: Swahili
SWAHI 202 - Second-Year Language Study: Swahili
SWAHI 305 - Language Skills Development: Swahili
SWAHI 321 - Advanced Grammar: Swahili
SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili
SWAHI 340 - Introduction to Literature: Swahili
SWAHI 350 - Advanced Language Study for Career Purposes: Swahili
SWED 101 - First-Year Swedish
SWED 102 - First-Year Swedish
SWED 201 - Second-Year Swedish
SWED 202 - Second Year Swedish
SWED 330 - Advanced Language Proficiency Through Cultural Studies: Swedish
SWED 340 - Swedish Literature
TAGAL 100 - Language Study: Filipino, Tagalog
TAGAL 101 - First-Year Language Study: Filipino, Tagalog
TAGAL 102 - First-Year Language Study: Filipino, Tagalog
TAGAL 201 - Second-Year Language Study: Filipino, Tagalog
TAGAL 202 - Second-Year Language Study: Filipino, Tagalog
TAGAL 305 - Language Skills Development: Filipino, Tagalog
TAGAL 321 - Advanced Grammar: Filipino, Tagalog
TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog
TAGAL 340 - Introduction to Literature: Filipino, Tagalog
TAGAL 350 - Advanced Language Study for Career Purposes: Filipino, Tagalog
TAHIT 100 - Language Study: Tahitian
TAHIT 101 - First-Year Language Study: Tahitian
TAHIT 102 - First-Year Language Study: Tahitian
TAHIT 201 - Second-Year Language Study: Tahitian
TAHIT 202 - Second-Year Language Study: Tahitian
TAHIT 305 - Language Skills Development: Tahitian
TAHIT 321 - Advanced Grammar: Tahitian
TAHIT 330 - Advanced Language Proficiency Through Cultural Studies: Tahitian
TAHIT 340 - Introduction to Literature: Tahitian
TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian
TAIWN 100 - Language Study: Taiwanese
TAIWN 101 - First-Year Language Study: Taiwanese
TAIWN 102 - First-Year Language Study: Taiwanese

TAIWN 201 - Second-Year Language Study: Taiwanese
TAIWN 202 - Second-Year Language Study: Taiwanese
TAIWN 305 - Language Skills Development: Taiwanese
TAIWN 321 - Advanced Grammar: Taiwanese
TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese
TAIWN 340 - Introduction to Literature: Taiwanese
TAIWN 350 - Advanced Language Study for Career Purposes: Taiwanese
TAMIL 100 - Language Study: Tamil
TAMIL 101 - First-Year Language Study: Tamil
TAMIL 102 - First-Year Language Study: Tamil
TAMIL 201 - Second-Year Language Study: Tamil
TAMIL 202 - Second-Year Language Study: Tamil
TAMIL 305 - Language Skills Development: Tamil
TAMIL 321 - Advanced Grammar: Tamil
TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil
TAMIL 340 - Introduction to Literature: Tamil
TAMIL 350 - Advanced Language Study for Career Purposes: Tamil
THAI 100 - Language Study: Thai
THAI 101 - First-Year Language Study: Thai
THAI 102 - First-Year Language Study: Thai
THAI 201 - Second-Year Language Study: Thai
THAI 202 - Second-Year Language Study: Thai
THAI 305 - Language Skills Development: Thai
THAI 321 - Advanced Grammar: Thai
THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai
THAI 340 - Introduction to Literature: Thai
THAI 350 - Advanced Language Study for Career Purposes: Thai
TIBET 100 - Language Study: Tibetan
TIBET 101 - First-Year Language Study: Tibetan
TONGA 100 - Language Study: Tongan
TONGA 101 - First-Year Language Study: Tongan
TONGA 102 - First-Year Language Study: Tongan
TONGA 201 - Second-Year Language Study: Tongan
TONGA 202 - Second-Year Language Study: Tongan
TONGA 305 - Language Skills Development: Tongan
TONGA 321 - Advanced Grammar: Tongan
TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan
TONGA 340 - Introduction to Literature: Tongan
TONGA 350 - Advanced Language Study for Career Purposes: Tongan
TRUKS 100 - Language Study: Trukese
TRUKS 101 - First-Year Language Study: Trukese
TRUKS 102 - First-Year Language Study: Trukese
TRUKS 201 - Second-Year Language Study: Trukese
TRUKS 202 - Second-Year Language Study: Trukese
TRUKS 305 - Language Skills Development: Trukese
TRUKS 321 - Advanced Grammar: Trukese
TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese
TRUKS 340 - Introduction to Literature: Trukese
TRUKS 350 - Advanced Language Study for Career Purposes: Trukese
TURK 100 - Language Study: Turkish
TURK 101 - First-Year Language Study: Turkish
TURK 102 - First-Year Language Study: Turkish
TURK 201 - Second-Year Language Study: Turkish
TURK 202 - Second-Year Language Study: Turkish
TURK 305 - Language Skills Development: Turkish
TURK 321 - Advanced Grammar: Turkish
TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish
TURK 340 - Introduction to Literature: Turkish
TURK 350 - Advanced Language Study for Career Purposes: Turkish
TWI 100 - Language Study: Twi
TWI 101 - First-Year Language Study: Twi
TWI 102 - First-Year Language Study: Twi
TWI 201 - Second-Year Language Study: Twi
TWI 202 - Second-Year Language Study: Twi
TWI 305 - Language Skills Development: Twi
TWI 321 - Advanced Grammar: Twi
TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi
TWI 340 - Introduction to Literature: Twi
TWI 350 - Advanced Language Study for Career Purposes: Twi
UKRAI 100 - Language Study: Ukrainian
UKRAI 101 - First-Year Ukrainian
UKRAI 102 - First-Year Ukrainian
UKRAI 201 - Second-Year Ukrainian
UKRAI 211R - Second-Year Conversation
UKRAI 305 - Language Skills Development: Ukrainian
UKRAI 321 - Advanced Grammar: Ukrainian
UKRAI 330 - Cultural History of Ukraine
UKRAI 340 - Introduction to Literature: Ukrainian
UKRAI 350 - Advanced Language Study for Career Purposes: Ukrainian
URDU 100 - Language Study: Urdu
URDU 101 - First-Year Language Study: Urdu
URDU 102 - First-Year Language Study: Urdu
URDU 201 - Second-Year Language Study: Urdu
URDU 202 - Second-Year Language Study: Urdu
URDU 305 - Language Skills Development: Urdu
URDU 321 - Advanced Grammar: Urdu
URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu
URDU 340 - Introduction to Literature: Urdu
URDU 350 - Advanced Language Study for Career Purposes: Urdu
VANTU 100 - Language Study: Vanuatu
VANTU 101 - First-Year Language Study: Vanuatu
VANTU 102 - First-Year Language Study: Vanuatu
VANTU 201 - Second-Year Language Study: Vanuatu
VANTU 202 - Second-Year Language Study: Vanuatu
VANTU 305 - Language Skills Development: Vanuatu
VANTU 321 - Advanced Grammar: Vanuatu
VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu
VANTU 340 - Introduction to Literature: Vanuatu
VANTU 350 - Advanced Language Study for Career Purposes: Vanuatau
VIET 100 - Language Study: Vietnamese
VIET 101 - First-Year Language Study: Vietnamese
VIET 102 - First-Year Language Study: Vietnamese
VIET 201 - Second-Year Language Study: Vietnamese
VIET 202 - Second-Year Language Study: Vietnamese
VIET 305 - Language Skills Development: Vietnamese
VIET 321 - Advanced Grammar: Vietnamese
VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese
VIET 340 - Introduction to Literature: Vietnamese
VIET 350 - Advanced Language Study for Career Purposes: Vietnamese
WARAY 100 - Language Study: Waray-Waray
WARAY 101 - First-Year Language Study: Waray-Waray
WARAY 102 - First-Year Language Study: Waray-Waray
WARAY 201 - Second-Year Language Study: Waray-Waray
WARAY 202 - Second-Year Language Study: Waray-Waray
WARAY 305 - Language Skills Development: Waray-Waray
WARAY 321 - Advanced Grammar: Waray-Waray
WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray
WARAY 340 - Introduction to Literature: Waray-Waray
WARAY 350 - Advanced Language Study for Career Purposes: Waray-Waray
WELSH 100 - Language Study: Welsh
WELSH 101 - First-Year Welsh
WELSH 102 - First-Year Welsh
WELSH 201 - Second-Year Welsh
WELSH 202 - Second-Year Language Study: Welsh

WELSH 305 - Language Skills Development: Welsh
WELSH 321 - Advanced Grammar: Welsh
WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh
WELSH 340 - Introduction to Literature: Welsh
WELSH 346R - Welsh Choir
WELSH 350 - Advanced Language Study for Career Purposes: Welsh
XHOSA 100 - Language Study: Xhosa
XHOSA 101 - First-Year Language Study: Xhosa
XHOSA 102 - First-Year Language Study: Xhosa
XHOSA 201 - Second-Year Language Study: Xhosa
XHOSA 202 - Second-Year Language Study: Xhosa
XHOSA 305 - Language Skills Development: Xhosa
XHOSA 321 - Advanced Grammar: Xhosa
XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa
XHOSA 340 - Introduction to Literature: Xhosa
XHOSA 350 - Advanced Language Study for Career Purposes: Xhosa

English Department



English

Department of English

Administration

Chair: Stephen Tuttle

Department Information and Advisement Contact:

4138 JFSB

801-422-4938

english@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

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liberalarts@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of English are open enrollment. However, special limitations apply for English teaching majors.

The Discipline

The English major provides a detailed knowledge of the English language and of literature written in English. English majors approach language and literature as a source of knowledge and aesthetic pleasure, a mode of encountering and evaluating diverse minds and attitudes, a vehicle for art and action, a means of historical understanding, and a source of spiritual insight. English majors use writing as their primary means (1) of knowing, understanding, and evaluating their experience and their reading and (2) of sharing their insight with others. In keeping with the long-standing ideals of a liberal arts education, the English Department aims to cultivate in its students those foundational skills in writing, awareness, and judgment upon which lives of wisdom, service, and an ever increasing love for learning might be built.

Career Opportunities

English is a diverse major with emphases in both creative and professional writing, English education, literature, and media and cultural studies. Because of these different “tracks” through the major, students can tailor their academic path based on individual interest while gaining core competencies across the curriculum. English majors equip themselves with portable and durable abilities that translate into recognizable professional value. Whether planning to pursue graduate study, or starting a career after graduation, English majors stand out as strong communicators who can make sense of complex information and navigate nuanced cultural contexts. The major supports an “English Plus” program that includes a variety of study abroad options, on- and off-campus internships, and other professional development opportunities which students can integrate with their course of study. English graduates find success in a variety of fields because of their foundational training in careful thinking and analysis, deep reading, and critical and creative writing. This training gives them an enduring competitive advantage, especially when supplemented with internships, pre-professional minors, or other work experiences. Our graduates have gone on to careers as marketing managers, researchers, heads of operations, UX designers, teachers, editors, and writers. To see where some of our BYU English graduates have found success, visit our English at Work page.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

English (Minor)
English Teaching (Minor)
Professional Writing and Communication (Minor)
Creative Writing (Minor)
English (BA)
English Teaching (BA)
General Studies (BGS): English Emphasis

Courses

ENGL 201 - Masterpieces of World Literature 1
ENGL 202 - Masterpieces of World Literature 2
ENGL 203 - Ways of Reading
ENGL 211 - Rhetoric and Civilization 1
ENGL 212 - Rhetoric and Civilization 2
ENGL 218 - Creative Writing
ENGL 230 - Studies in Literature
ENGL 232 - Shakespeare
ENGL 235 - Studies in American Literature
ENGL 236 - Studies in British Literature
ENGL 238 - The Bible as Literature
ENGL 268 - Literature of the Latter-day Saints
ENGL 276R - Exploration of Teaching
ENGL 291 - British Literary History 1
ENGL 292 - British Literary History 2
ENGL 293 - American Literary History
ENGL 294 - Transatlantic Literary History
ENGL 300R - British Literature in a Cultural Setting
ENGL 302 - Writing with Style
ENGL 303 - Writing Literary Criticism
ENGL 317R - Writing Creative Nonfiction
ENGL 318R - Writing Fiction
ENGL 319R - Writing Poetry
ENGL 320R - Writing for Children and Adolescents
ENGL 321R - English Department Reading Series
ENGL 322 - Rhetorical Foundations
ENGL 323 - Professional Writing
ENGL 325 - Visual Communication
ENGL 326 - Digital Communication
ENGL 327R - Studies in Rhetoric
ENGL 329 - Teaching Grammar and Usage in Secondary Schools
ENGL 330R - Special Topics in Creative Writing
ENGL 331R - Media and Popular Literatures before 1800
ENGL 332R - Media and Popular Literatures after 1800
ENGL 335 - Professional Speaking
ENGL 337R - Studies in Literary Form and Genre
ENGL 338 - Literary Studies of the Bible
ENGL 340 - Book and Publishing History

ENGL 344R - Digital and Visual Literacies
ENGL 345 - Literature and Film
ENGL 355 - (Engl-ClCv) Greek and Roman Classics and the English Tradition
ENGL 356 - Myth, Legend, and Folktale
ENGL 357R - Literature, Ethics, and Values
ENGL 368 - Literature of the Latter-day Saints
ENGL 369R - Transnational Literature before 1800
ENGL 370R - Transnational Literature after 1800
ENGL 377 - Teaching English in Secondary Schools
ENGL 378 - Teaching Literature and Reading in Secondary Schools.
ENGL 379 - Practicum in Secondary English Teaching
ENGL382 - Shakespeare
ENGL 384R - Author Studies
ENGL 386R - British Literature before 1800
ENGL 387R - British Literature after 1800
ENGL 388R - American Literature before 1800
ENGL 389R - American Literature after 1800
ENGL 391 - Introduction to Folklore
ENGL 392 - American Folklore
ENGL 394R - Applied English
ENGL 395R - Studies in Literature
ENGL 396R - Studies in Women's Literature
ENGL 397R - World Literatures in English
ENGL 399R - Academic Internship
ENGL 417 - Creative Writing Capstone: Nonfiction
ENGL 418 - Creative Writing Capstone: Fiction
ENGL 419 - Creative Writing Capstone: Poetry
ENGL 420 - Young Adult Literature
ENGL 423 - Teaching Composition in Secondary Schools
ENGL 426 - Digital Literacies & Technology in Secondary Schools
ENGL 430 - Creative Writing Professional Practices
ENGL 450R - Studies in Literary Criticism and Theory
ENGL 476 - Secondary English Student Teaching
ENGL 477R - Secondary Minor Student Teaching
ENGL 479 - Secondary Student Teaching Seminar
ENGL 480R - Directed Research in English
ENGL 490R - Individual Readings in English
ENGL 493 - Literary Media and Cultures Senior Capstone
ENGL 494 - Professional Writing and Communication Senior Capstone
ENGL 495 - Literary Studies Senior Capstone
ENGL 496R - Secondary English Teaching Internship
ENGL 520R - Studies in Theme and Form
ENGL 590R - Directed Readings
ENGL 599R - Academic Internship
ENGL 599R - Internship in Professional Community
WRTG 150 - Writing and Rhetoric
WRTG 311 - Writing about the Arts and Humanities
WRTG 312 - Persuasive Writing
WRTG 313 - Advanced Writing for Educators
WRTG 315 - Writing in the Social Sciences
WRTG 316 - Technical Communication

French and Italian Department



French and Italian

Department of French and Italian

Administration

Chair: Robert Hudson

Department Information:

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french_italian@byu.edu

WEBSITE

Advisement Center:

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WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of French and Italian are open enrollment.

The Discipline

The study of French or Italian language and literature sharpens analytical and communicative skills useful in a myriad of professional contexts. Students develop proficiency in listening, reading, writing, and speaking, and they learn to use literature as a means to deepen their understanding of culturally specific as well as universal issues and values.

Career Opportunities

The study of French and Italian language and literature are excellent preparation for a variety of career fields. Italian and French are valuable research and communication tools for students in music, art, history, European studies, international relations, library science, and comparative literature.

Many of our students have chosen a major or minor in Italian or French in addition to a second major or minor in an area such as accounting or business management, or as preparation for professional programs in public administration, business administration, organizational behavior, dentistry, law, or medicine. Others have opted for a career in government service, working with an embassy, the State Department, the CIA, and other government agencies. Still others have gone into travel and tourism, working with tour agencies, airlines, major hotel chains, or resort communities.

The computer industry also provides employment opportunity for our graduates in the field of localization and translation. Many computer companies have expanded into foreign markets and hire skilled workers who can translate computer and software instruction and sales publications in a foreign language.

General Information

The Department of French and Italian urges students to take HCOLL 310, Humanities in Professional Life, a 1-credit-hour course, during the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students articulate the value and relevance of their study in the humanities.

Internships. The Department of French and Italian, in coordination with International Study Programs, offers internships in France and Italy in a variety of positions: businesses, corporations, industry, hospitals, research laboratories, national and local governments, cultural organizations, nonprofit agencies and nongovernmental organizations, hotels and tourism, etc. For Italy, internships typically take place spring term. For France, internships take place winter, spring, summer and fall. Job placements are made according to the student's language proficiency, previous work experience, field of study, and personal interest. Students may enroll for Fren and Ital 399R, 211R, 311R, or 411R, or other courses such as Fren 490R. The internship proves invaluable in strengthening language and pre-professional skills.

Language Proficiency Assessments. All French, French Teaching majors and Italian majors are required to complete language assessments as administered by BYU or the American Council on the Teaching of Foreign Languages (ACTFL): the Oral Proficiency Interview (OPI) and Writing Proficiency Test (WPT), for Italian and French; in addition, students in French may complete adaptive reading and listening comprehension tests. Students complete language assessments by enrolling in Fren 495, Fren 491 (for French Teaching Majors) or Ital 491. French Teaching majors and minors are required to take the OPI before taking Fren 378. The minimum rating of *Advanced* is required of all *Teaching* majors and minors.

When it is necessary to strengthen oral proficiency, students are encouraged to take conversation courses, such as Fren 411R. They may also take advantage of the Foreign Language Student Residence, Study Abroad programs, and internships abroad. Department and College of Humanities scholarships are available for each of these opportunities. Additionally, support materials in the Humanities Resource Center are also available for improving language skills on campus. The department strongly encourages all majors to complete an internship prior to graduation.

Instruction. All courses are taught in the target language unless indicated otherwise in this catalog or by a course instructor.

Language Certificate Program

The Department of French and Italian strongly encourages all majors and minors to complete the Language Certificate. This program is available in French and Italian for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

French (Minor)
French Teaching (Minor)
Italian (Minor)
French (BA)
Italian (BA)
French Teaching (BA)
French Studies (BA)
Italian Studies (BA)

Courses

CREOL 100 - Language Study: Haitian-Creole
CREOL 101 - First-Year Language Study: Haitian-Creole
CREOL 102 - First-Year Language Study: Haitian-Creole
CREOL 201 - Second-Year Language Study: Haitian-Creole
CREOL 202 - Second-Year Language Study: Haitian-Creole
CREOL 305 - Language Skills Development: Haitian-Creole
CREOL 321 - Advanced Grammar: Haitian-Creole
CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole
CREOL 340 - Introduction to Literature: Haitian-Creole
CREOL 350 - Advanced Language Study for Career Purposes: Haitian-Creole

FREN 101 - First-Year French, Part 1
FREN 102 - First-Year French, Part 2
FREN 201 - Intermediate French, Part 1
FREN 202 - Intermediate French, Part 2
FREN 211R - Second-Year Conversation
FREN 311R - Third-Year Conversation
FREN 315 - Focused Readings in French
FREN 317 - (Fren-Ital) French and Italian Cinema
FREN 321 - Advanced French Part 1
FREN 322 - Advanced French Part 2
FREN 325R - Individual French Language Review
FREN 330 - Introduction to French Linguistics
FREN 340 - Introduction to Literary Analysis
FREN 345 - Francophone Culture
FREN 346R - French Choir
FREN 361 - French Arts and Culture to 1715
FREN 362 - French Arts and Culture from 1715
FREN 363 - Contemporary France and the Francophone World
FREN 377 - French Teaching Methods 1
FREN 378 - French Teaching Methods 2
FREN 379 - French Teaching Practicum
FREN 399R - Academic Internship: French Language Field Experience
FREN 411R - French Conversation at the Superior Level
FREN 414 - Introduction to French Translation
FREN 432 - History of French
FREN 433R - Studies in French Linguistics
FREN 445 - Advanced Francophone Culture
FREN 452R - Studies in Period, Movement, and Theme
FREN 453R - Studies in Genre
FREN 454R - Studies in Author
FREN 455R - Studies in Literary Theory
FREN 456R - Francophone Studies
FREN 457R - Studies in French Culture
FREN 458R - Women in French and Francophone Literature
FREN 470R - Direct Enrollment in French University
FREN 476R - Secondary Student Teaching
FREN 477R - Secondary Minor Student Teaching
FREN 480R - Mentored Research in French and Francophone studies
FREN 481R - French Lecture Series
FREN 491R - Senior Oral Proficiency Evaluation
FREN 495 - Senior Portfolio Capstone
FREN 496R - Academic Internship: Secondary Education
FREN 510 - MA Practicum 1.
FREN 511 - MA Practicum 2
FREN 512 - MA Practicum 3
FREN 533 - Advanced Studies in French Linguistics
FREN 599R - Academic Internship: French Language Field Experience
ITAL 101 - First-Year Italian, Part 1
ITAL 102 - First-Year Italian, Part 2
ITAL 201 - Intermediate Italian 1
ITAL 202 - Intermediate Italian 2
ITAL 211R - Second-Year Conversation
ITAL 311R - Third-Year Conversation
ITAL 315 - Focused Readings in Italian
ITAL 317 - (Fren-Ital) French and Italian Cinema
ITAL 321 - Advanced Language Skills Part 1
ITAL 322 - Advanced Language Skills Part 2
ITAL 340 - Introduction to Italian Literature
ITAL 346R - Italian Choir Practice
ITAL 360 - Italian Civilization from the Beginning to 1600
ITAL 361 - Italian Civilization from 1600 to the Present
ITAL 363 - Italian Civilization on Study Abroad
ITAL 399R - Academic Internship: Italian Language Field Experience
ITAL 411R - Fourth-Year Conversation
ITAL 445 - Italian Women Writers
ITAL 446 - Multicultural Italy
ITAL 447R - Studies in Literature
ITAL 448R - Studies in Visual Cultures
ITAL 449R - Studies in Cultural History
ITAL 460 - Dante's Divine Comedy.
ITAL 490R - Individual Study in Italian
ITAL 491 - Senior Oral Proficiency Evaluation and Senior Portfolio
ITAL 495R - Senior Seminar in Italian

German and Russian Department



German and Russian

Department of German and Russian

Administration

Chair: Jennifer Bown

Department Information:

3112 JFSB

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german_russian@byu.edu

WEBSITE

Advisement Center:

1049 JFSB

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WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of German and Russian are open enrollment. However, special limitations apply for teaching majors.

The Discipline

Students of foreign language and literature develop fluency in another language as well as sensitivity to their own language and cultural heritage, to the contributions and diversity of other peoples, and to the advantages of an international perspective.

Career Opportunities

Experience with the intellectual, artistic, and spiritual expressions of other cultures and of their own culture helps students qualify for advanced study at graduate and professional schools, especially in linguistics, literature, language teaching methodology, library science, humanities, business, law, and medicine. Those who accept employment on completion of the BA degree frequently serve in international business, in education, or in a government agency.

General Information

Students may want to consider taking HCOLL 310 in their second or third year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths.

Language Certificate Program

The Language Certificate Program is available in German and Russian for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

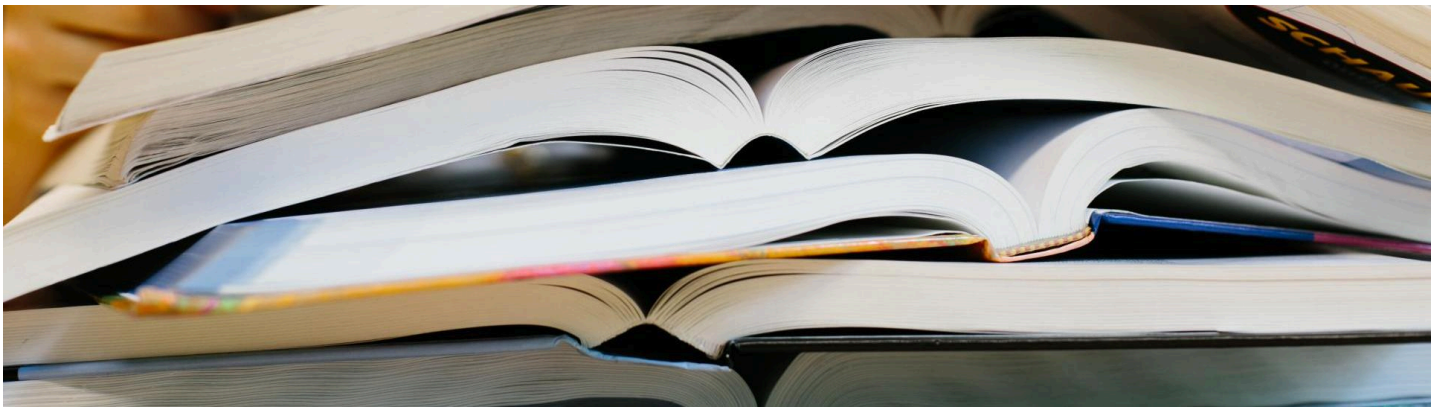
German (Minor)
German Teaching (Minor)
Russian (Minor)
Russian Teaching (Minor)
Russian (BA)
German Teaching (BA)
German (BA)

Courses

GERM 101 - First-Year German
GERM 102 - First-Year German
GERM 200R - Second-Year Proficiency Tutorial
GERM 201 - Second-Year German
GERM 202 - Second-Year German
GERM 211R - Intermediate Conversation
GERM 217 - (Germ-Scand) German and Scandinavian Cinema
GERM 250 - Marx, Nietzsche, Freud
GERM 300R - Third-Year Proficiency Tutorial
GERM 301 - German Cultural History
GERM 302 - Germany in the 20th Century
GERM 303 - Germany Today
GERM 311R - Advanced Conversation
GERM 316 - Directed Research in Linguistics 1
GERM 340 - Writing About Literature
GERM 343 - Introduction to German Literature
GERM 344 - Introduction to German Linguistics and Phonetics
GERM 345R - Field Studies in German
GERM 346 - Art and Architecture in German-Speaking Europe
GERM 377 - Methods in Teaching German
GERM 378 - Practicum in Teaching German
GERM 399R - Academic Internship: German Work
GERM 400R - Fourth-Year Proficiency Tutorial
GERM 410R - German Proficiency Workshop 1
GERM 412R - German Proficiency Workshop 2
GERM 416 - Directed Research in Linguistics 2
GERM 430 - Women's Studies Seminar
GERM 440R - Topics in German Literature, Film and Culture
GERM 441R - Topics in German Literature, Film and Culture (taught in English)
GERM 450 - History of the German Language
GERM 460 - Structure of Modern German
GERM 470R - Topics in German Linguistics
GERM 476 - Secondary Student Teaching
GERM 477R - Secondary Minor Student Teaching
GERM 490R - Special Studies in German
GERM 496R - Academic Internship: German Teaching
GERM 497R - Senior Seminar in German Language
GERM 498R - Preparing for Professional/Graduate School
GERM 595R - German for Reading
RUSS 101 - First-Year Russian, Part 1
RUSS 102 - First-Year Russian, Part 2
RUSS 105 - Russian for Speakers of Other Slavic Languages
RUSS 199R - Academic Internship
RUSS 201 - Second-Year Russian, Part 1
RUSS 202 - Second-Year Russian, Part 2
RUSS 211 - Second-Year Conversation
RUSS 301 - Intermediate Russian on Study Abroad
RUSS 302 - Intermediate Russian Part 1
RUSS 303 - Intermediate Russian Part 2
RUSS 311R - Advanced Conversation
RUSS 321 - Third-Year Russian Part 1
RUSS 322 - Third-Year Russian Part 2
RUSS 323 - Russian Phonology and Morphology
RUSS 330 - Cultural History of Russia
RUSS 340 - Masterpieces of the Russian Novel in English
RUSS 341 - Dostoevsky's Major Works in Translation
RUSS 342 - Tolstoy's Major Works in Translation
RUSS 343 - Masterpieces of Russian Film
RUSS 344 - Historical Survey of Russian Arts and Letters
RUSS 399R - Academic Internship
RUSS 421 - Fourth-Year Russian, Part 1

RUSS 422 - Fourth-Year Russian, Part 2
RUSS 441 - Masterpieces of Russian Literature 1
RUSS 442 - Masterpieces of Russian Literature 2
RUSS 477R - Secondary Minor Student Teaching
RUSS 490R - Special Studies in Russian
RUSS 492R - Senior Seminar: Passages and Conclusions

Comparative Arts and Letters Department



Comparative Arts and Letters

Department of Comparative Arts and Letters

Administration

Chair: Kerry David Soper

Department Information:

3008 JFSB

801-422-4448

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DEPARTMENT WEBSITE

Advisement Center:

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LIBERAL ARTS WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Comparative Arts and Letters are open enrollment. However, special limitations apply for teaching majors.

General Information

The Department of Comparative Arts and Letters strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Graduation Requirements

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

- "Univ 101: Foundations for Student Success"

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

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

Graduate Programs Available

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

Programs

Art History & Curatorial Studies (Minor)
Art History & Curatorial Studies (BA)
Classical Studies (Greek option) (Minor)
Classical Studies (Latin option) (Minor)
Latin Teaching (Minor)
Interdisciplinary Humanities (Minor)
Interdisciplinary Humanities (BA)
Comparative Literature (BA)
Latin Teaching (BA)
Classical Studies (BA): Greek Emphasis
Classical Studies (BA): Latin Emphasis
Classical Studies (BA): Classics Emphasis
Classical Studies (BA): Classical Civilizations Emphasis

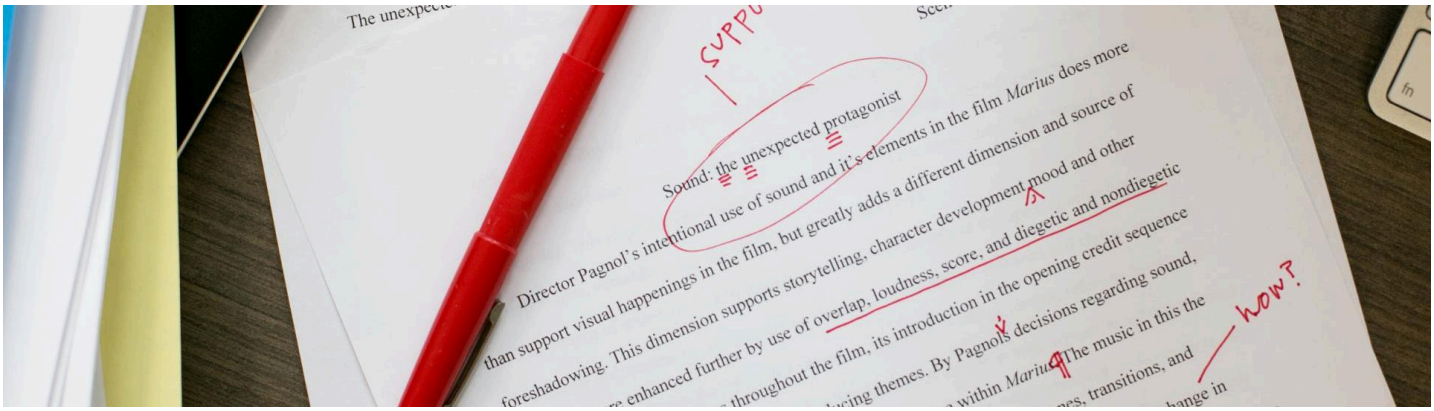
Courses

ARTHC 111 - Introduction to Art History
ARTHC 201 - World Civilization to 1500
ARTHC 202 - World Civilization Since 1500
ARTHC 203 - Survey of Asian Art and Architecture
ARTHC 211 - Survey of Western Art 1
ARTHC 212 - Survey of Western Art 2
ARTHC 300 - Theory, Methodology, and Historiography of Art History
ARTHC 301 - Women in Art
ARTHC 304 - Greek Art
ARTHC 306 - Roman Art
ARTHC 310 - Early Christian and Byzantine Art
ARTHC 316 - Art of the Medieval West
ARTHC 320 - Italian Renaissance
ARTHC 325 - Northern Renaissance Art
ARTHC 329 - Renaissance and Baroque Architecture
ARTHC 330 - Southern Baroque Art History: 1600-1700
ARTHC 335 - Northern European Art: 1600-1700
ARTHC 337 - Eighteenth-Century European Art and Architecture
ARTHC 340 - Nineteenth-Century European Art
ARTHC 345 - American Art to 1876
ARTHC 350 - Modern Art
ARTHC 353 - American Art 1876-1950
ARTHC 355 - Contemporary Art
ARTHC 360 - Introduction to Museum and Curatorial Studies
ARTHC 365 - American Architecture
ARTHC 367 - Modern Architecture
ARTHC 375 - Japanese Art and Architecture
ARTHC 379 - History of Photography
ARTHC 380 - Northern Mesoamerican Art
ARTHC 382 - Southern Mesoamerican Art
ARTHC 490R - Special Topics and Readings in Art History
ARTHC 492R - Special Art History Studies On Site
ARTHC 496R - BYU Museum of Art Internship
ARTHC 496R - Off-Campus Museum/Auction House Internship
ARTHC 496R - Academic Internship: Museum Internship
ARTHC 497 - Art History Business Capstone
ARTHC 498 - Senior Thesis/Capstone Experiences
ARTHC 500 - Art in Theory: Spectatorship
ARTHC 505 - Art in Theory: Language
ARTHC 510R - Studies in Non Western Art
ARTHC 520R - Studies in Ancient Art
ARTHC 530R - Studies in Medieval Art
ARTHC 540R - Studies in Renaissance Art
ARTHC 550R - Studies in Baroque Art
ARTHC 560R - Studies in Eighteenth- and Nineteenth-Century Art
ARTHC 570R - Studies in Modern and Contemporary Art
ARTHC 580R - Studies in Architecture
ARTHC 590R - Studies in Curatorship
ARTHC 595R - Foreign Language Readings for Art Historians
ARTHC 595R - French Readings for Art Historians
ARTHC 599R - Academic Internship
CL CV 110 - Introduction to Greek and Roman Literature
CL CV 201 - The Classical Tradition 1: Antiquity to the Renaissance
CL CV 202 - The Classical Tradition 2: Reformation to Modern
CL CV 241 - Greek and Roman Mythology
CL CV 245 - Golden Age of Greece
CL CV 246 - Golden Age of Rome
CL CV 261 - Greek and Roman Civilization and Literature in Film
CL CV 304 - (Cl Cv-Hist 247) Greek History
CL CV 307 - (ClCv-Hist 248) Roman History
CL CV 310 - Classical Archaeology
CL CV 340R - Topics in Classical Literature and Civilization
CL CV 347 - Survey of Early Christian Literature
CL CV 355 - (ClCv-Engl) Greek and Roman Classics and the English Tradition
CL CV 363 - Judaism and Christianity in the Classical Near East
CL CV 399R - Acadmic Internship in Classics
CL CV 399R - Library Internship - Classics.
CL CV 399R - Scholarly Internship - Classics.
CL CV 399R - Museum Internship - Classics
CLSCS 297 - Pro-Seminar in Classical Studies
CLSCS 420 - Ancient Literary Criticism
CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek and Roman History
CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek History

CLSCS 430R - (Clscs-Hist) Topics in Ancient Roman History
CLSCS 490R - Seminar in Classical Literature
CLSCS 490R - Seminar in Latin Literature
CLSCS 490R - Seminar in Greek Literature
CLSCS 495R - Directed Readings
CLSCS 497 - Exit Examination in Classical Literature
CMLIT 120R - Discovering the World through Literature
CMLIT 201 - Civilization: Literature 1
CMLIT 202 - Civilization: Literature 2
CMLIT 211 - Civilization: World Literature 1
CMLIT 212 - Civilization: World Literature 2
CMLIT 310 - Introduction to Literary Analysis and Comparative Literature
CMLIT 320 - Junior Seminar in Comparative Literature
CMLIT 342 - Asian Literary Traditions
CMLIT 420R - 20th-Century Literature
CMLIT 420R - 17th-Century Literature
CMLIT 420R - Medieval Literature
CMLIT 420R - Symbolism
CMLIT 420R - Renaissance Literature
CMLIT 420R - Classics and Early America
CMLIT 420R - Postmodernism
CMLIT 420R - 18th-Century Literature
CMLIT 420R - Modernism
CMLIT 420R - Realism
CMLIT 420R - 12th-Century Renaissance
CMLIT 420R - Neoclassicism
CMLIT 420R - Romanticism
CMLIT 420R - Studies in Periods and Movements
CMLIT 430R - Poetry and Poetics
CMLIT 430R - Epic
CMLIT 430R - Tragedy
CMLIT 430R - Studies in Literary Genres
CMLIT 430R - Renaissance Novella
CMLIT 430R - Lyric
CMLIT 430R - Poetry of Americas
CMLIT 430R - Novel
CMLIT 430R - The Romance
CMLIT 430R - Comedy
CMLIT 440R - Studies in Themes and Types
CMLIT 440R - Don Juan Theme
CMLIT 440R - Ulysses Theme
CMLIT 440R - Faust Theme
CMLIT 440R - Arthurian Literature
CMLIT 450R - Asian Literature Traditions
CMLIT 450R - Wagner and Wagnerism
CMLIT 450R - Literature of Sensibility.
CMLIT 450R - Vergil, Augustine, and Dante
CMLIT 450R - Philosophy and Literature
CMLIT 450R - Literature and History
CMLIT 450R - East-West Relations
CMLIT 450R - Literature and Politics
CMLIT 450R - Literature and Music
CMLIT 450R - Literature and Cinema
CMLIT 450R - Studies in Literary Relations
CMLIT 450R - U.S. and Carribean Literature
CMLIT 450R - Symbolism
CMLIT 450R - Literature and Myth
CMLIT 460R - Kierk and Rom Irony
CMLIT 460R - Practical Criticism
CMLIT 460R - Contemporary Theory
CMLIT 460R - Classical Rhetoric and Criticism
CMLIT 460R - Historical Literary Theory
CMLIT 460R - Studies in Literary Theory
CMLIT 495R - Directed Readings
CMLIT 497 - Reading List Examination
CMLIT 590R - Directed Readings
DANSH 211R - Second-Year Conversation
DANSH 311R - Third-Year Conversation
DANSH 340 - Danish Literature
FINN 211R - Second-Year Conversation
FINN 311R - Third-Year Conversation
FINN 399R - Academic Internship
GREEK 101 - First-Year Greek (First Semester).
GREEK 102 - First-Year Greek (Second Semester)
GREEK 201 - Intermediate Greek
GREEK 301 - Classical Greek Poetry: Homer's Iliad
GREEK 302 - Classical Greek Prose
GREEK 311 - New Testament in Greek: Gospels
GREEK 401 - Greek Prose Composition
GREEK 411R - Greek New Testament and Early Christian Greek Texts
GREEK 430 - Herodotus
GREEK 431 - Homer's Odyssey.
GREEK 433 - Thucydides
GREEK 434 - Sophocles and Euripides
GREEK 435 - Greek Lyric Poetry
GREEK 436 - Plato
GREEK 437 - Attic Orators
GREEK 490R - Topics in Greek Literature
ICLND 211R - Second-Year Conversation
ICLND 311R - Third-Year Conversation
ICLND 399R - Academic Internship
IHUM 101 - An Introduction to the Humanities
IHUM 201 - Western Humanities 1: Antiquity to Renaissance
IHUM 202 - Western Humanities 2: Renaissance to the Present
IHUM 241 - Humanities of East Asia
IHUM 242 - Introduction to the Humanities of the Islamic World
IHUM 243 - Introduction to the Humanities of South Asia
IHUM 244 - Humanities of Africa
IHUM 250 - Introduction to Interdisciplinary Humanities
IHUM 260 - Humanities of Latin America
IHUM 261 - Introduction to American Humanities 1: Colonial Era Through 1876
IHUM 262 - Introduction to American Humanities 2: 1877 to the Present
IHUM 280R - Sophomore Seminar: Humanities and the Sacred
IHUM 280R - Sophomore Seminar: Humanities and Popular Culture.
IHUM 280R - Sophomore Seminar: Humanities and the Environment.
IHUM 280R - Sophomore Seminar: Humanities and Science
IHUM 280R - Sophomore Seminar: Humanities and Law.
IHUM 280R - Sophomore Seminar in Interdisciplinary Humanities
IHUM 311 - Advanced Writing in Comparative Arts and Humanities
IHUM 350 - Interpretation of Literature and the Arts
IHUM 370 - Contemporary Issues in the Humanities
IHUM 390R - Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas
IHUM 399R - Academic Internship
IHUM 490R - Seminar in the Humanities
IHUM 495R - Directed Readings
IHUM 595R - Directed Readings
LATIN 101 - First-Year Latin (First Semester)
LATIN 102 - First-Year Latin (Second Semester)
LATIN 111 - Beginning Latin Accelerated
LATIN 121 - Latin for Genealogists
LATIN 123 - Premedical Latin and Greek
LATIN 201 - Intermediate Latin
LATIN 301 - Classical Latin Poetry
LATIN 302 - Classical Latin Prose
LATIN 377 - Secondary Teaching Procedures
LATIN 378 - Practicum in Teaching Latin
LATIN 401 - Latin Prose Composition
LATIN 411R - Latin Vulgate and Early Christian Latin Texts
LATIN 430 - Livy
LATIN 431 - Vergil
LATIN 432 - Ovid
LATIN 433 - Cicero

LATIN 434 - Plautus and Terence
LATIN 435 - Catullus
LATIN 436 - Tragedy and Epic of the Early Empire
LATIN 437 - The Latin Epistle
LATIN 438 - Horace
LATIN 439 - Tacitus
LATIN 440 - Roman Satire
LATIN 441 - Medieval Latin
LATIN 477R - Secondary Minor Student Teaching
LATIN 490R - Topics in Latin Literature
NORWE 211R - Second-Year Conversation
NORWE 311R - Third-Year Conversation
NORWE 399R - Academic Internship
SWED 211R - Second-Year Conversation
SWED 311R - Third-Year Conversation
SWED 399R - Academic Internship

Linguistics Department



Linguistics

Department of Linguistics

Administration

Chair: Dan P Dewey

Department Information:

4064 JFSB

801-422-2937

linguistics@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

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WEBSITE

FACULTY

Admission to Degree Program

All undergraduate degree programs in the Department of Linguistics are open enrollment.

The Discipline

Linguistics is the study of language in all its aspects—from speech sounds to sentence formation to meaning; from how language is organized and used in a social setting to how it is organized and processed in the brain or by computers. Linguists study language form, language change, language acquisition, and even the texts in which language is recorded. Linguists recognize that the communicative power of language is what brings cohesion to all human enterprises. For the student interested in the nature of language, linguistics is the subject to study.

The science of linguistics has many real-world applications, including translation, information storage/retrieval, lexicography, editing, and language teaching. In addition to its majors in general linguistics, editing and publishing, and in English language, BYU's Department of Linguistics offers undergraduate minor programs (as well as graduate degrees) in several of these areas.

Career Opportunities

A linguistics degree with an emphasis in computers may lead to jobs in high technology, e.g., machine translation, information retrieval, speech recognition and production software, and lexicography. Linguistics is also recognized as a strong specialization for those pursuing a career in military intelligence or technical writing.

The English language major is in many ways similar to the linguistics major, though its focus is more specifically on English linguistics. The major provides useful preparation for careers that require special attention to the English language, such as advertising and technical writing. The English language major along with a TESOL or editing minor is an especially strong combination.

Editing students find work in a variety of enterprises, including freelance work, publishing houses, businesses and corporations, and nonprofit organizations, such as government agencies, libraries, museums, schools, and universities. Editing graduates also edit and publish content in a variety of genres, such as books, magazines, scholarly works, web content, advertising and technical materials.

Students who complete the minor in Linguistic Computing will be prepared to perform language analysis with computational techniques, including with custom written computer code for particular tasks. Students will be valuable to companies and organizations that need linguistic analysis performed on large datasets in order to inform decisions. Jobs may be found in such fields as: automated text analysis such as analyzing online reviews or social media, machine translation with neutral networks, automated speech recognition, text-to-speech synthesis, language engineering, and other artificial intelligence fields using human language.

The teaching of English to speakers of other languages is an applied linguistics area of high demand, both within the United States and around the world. Both a TESOL minor and TESOL undergraduate certificate are offered by the department.

In addition, the linguistics, editing and publishing, and English language majors are excellent preparations for those planning graduate studies in areas as diverse as law, international business, tourism, library science, TESOL, communicative disorders, and speech pathology, not to mention graduate studies in specific languages or in linguistics itself.

General Information

The Department of Linguistics strongly recommends that StDev 317, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Linguistics (Minor)
Computational Linguistics (Minor)
Editing (Minor)
Linguistics (BA)
T E S O L (Minor)
Applied English Linguistics (BA)
Editing and Publishing (BA)

Courses

ELING 150 - First-Year Writing for International Students
ELING 223 - Introduction to the English Language
ELING 273 - Introduction to English Linguistic Research Methods
ELING 310R - Writing Tutorial for Multilingual Students
ELING 322 - Prescriptivism and English Usage: Language 'Rules' and When to Break Them
ELING 324 - History of the English Language
ELING 325 - The Grammar of English
ELING 326 - English Semantics and Pragmatics
ELING 327 - Applied Phonetics
ELING 350 - Basic Editing Skills
ELING 351R - Editing Student Journals
ELING 361 - Language politics: Policy and Planning
ELING 362 - Discourse Analysis
ELING 366 - Social Media/Marketing Analysis
ELING 375 - TESOL Listening, Speaking, and Pronunciation
ELING 376 - TESOL Reading, Writing, and Vocabulary
ELING 399R - Academic Internship: Editing and English Language
ELING 410R - Genre and Substantive Editing
ELING 415 - Business of Editing and Publishing
ELING 421R - Studies in Language or Editing
ELING 430R - Editing for Publication
ELING 447 - Early Modern English
ELING 448 - Late Modern English
ELING 468 - Introduction to Varieties of English
ELING 477 - TESOL Basic Course and Lesson Planning
ELING 478 - TESOL Practicum
ELING 482 - Forensic and legal linguistics
ELING 495R - The Senior Course
ELING 496R - TESOL Internship
ELING 521R - Studies in Language
ELING 522 - Language Policy and Planning in English Language Contexts
ELING 524 - History of the Book
ELING 525 - Old English 1.
ELING 526 - Middle English
ELING 529 - Structure of Modern English
ELING 535 - Language and Literature
ELING 547 - Seminar in Early Modern English
ELING 548 - Old English 2
ELING 568 - Varieties of English
ESL 301 - Advanced Academic English for International Students
ESL 302 - Advanced English Pronunciation for International Students
ESL 303 - College Reading and Study Skills for International Students
ESL 304 - Academic Writing for International Students
ESL 305 - Applied Grammar for International Students
LING 110 - Introduction to Human Language
LING 198 - Career Explorations in Linguistics
LING 201 - Introduction to Linguistics (Modern)
LING 210 - Sounds of Language
LING 220 - Structure in Language
LING 230 - Meaning in Language
LING 240 - Linguistic Tools 1
LING 299R - Academic Internship: English Language Teaching
LING 310 - Phonetics
LING 315 - Phonology
LING 320 - Morphology
LING 325 - Syntax
LING 332 - Semantics
LING 335 - Pragmatics
LING 360 - (Ling-DigHT) Programming for Text Processing and Analysis
LING 361 - Speech Processing
LING 377R - Basic Training in TESOL
LING 399R - Academic Internship: Linguistics
LING 401 - Preparation for Graduate Studies in Linguistics
LING 421R - Studies in Linguistics
LING 440 - Linguistic Tools 2
LING 445 - Introduction to Psycholinguistics
LING 449R - Mentored Research in Linguistics
LING 450 - Introduction to Historical-Comparative Linguistics
LING 452 - Introduction to Sociolinguistics
LING 460 - Typology
LING 461 - First Language Acquisition
LING 462 - Second Language Acquisition
LING 478 - Language Teaching Methods: MTC
LING 480 - Problems in Translation
LING 485 - Corpus Linguistics
LING 495R - Senior Capstone
LING 498 - Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.
LING 501 - Advanced Research and Writing Techniques for Second Language Writers
LING 542 - Field Methods in Linguistics
LING 545 - Psycholinguistics
LING 550 - Sociolinguistics.
LING 551 - Anthropological Linguistics
LING 558 - Historical-Comparative Linguistics
LING561 - Neurolinguistics
LING 580R - Problems in Linguistics and Applied Linguistics
LING 581 - Natural Language Processing
LING 585 - Research in Corpus Linguistics
LING589R - Corpus Linguistics Topics
LING 590R - Readings in Linguistics
LING 599R - Academic Internship: Linguistics
LINGC 220 - Linguistic Computing Programming 1
LINGC 489R - Linguistic Computing Project
LINGC 490R - Current Topics and Issues
LINGC 496R - Academic Internship: Linguistic Computing

Philosophy Department



Philosophy

Department of Philosophy

Administration

Chair: David Jensen

Department Information:

4086 JFSB

801-422-2721

phil_dept@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

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WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Philosophy are open enrollment until the end of a student's sophomore year (60 credit hours), after which permission to add a minor or double major, or to change an existing major/minor must be obtained from the advisement centers of both the current major and the new major. To declare a philosophy major or minor prior to the end of a student's sophomore year, please contact or visit the College of Humanities Advisement Center (students do not need permission from the department chairperson to add or change a philosophy major or minor).

The Discipline

From its inception in ancient Greece down to the present, philosophy has sought to examine and understand life in all its wondrous complexity. In seeking answers to enduring questions about good and evil, the nature of the real, the limits of the knowable, and the enduring power of the beautiful, philosophy discloses its faith in the ability of reason to discover and communicate truth. Philosophy's correlative respect for the authority of logic and rational argument fosters an intellectual environment wherein open dialogue is essential and conflicting opinions are respected, but in which beliefs are carefully subjected to scrutiny, claims and criticisms to validation, and actions to the guiding lights of truth, goodness, and wisdom.

Students who study philosophy will find the discipline not only provides them invaluable insights into life's deepest concerns and questions, but also helps them develop an increased capacity for critical thought, perceptive judgment, and cogent argumentation. These benefits should prove invaluable for years to come in applications as diverse as raising a family, pursuing higher education, developing a career, and striving for spiritual enlightenment.

Career Opportunities

Philosophy offers excellent preparation for a variety of career paths, but especially in law, medicine, business, and the health sciences. The value of a major or minor in philosophy resides in the intellectual development it promotes and the transferable skills it nourishes. Philosophy majors perennially top the charts in standardized exams like the GRE, LSAT, and MCAT, especially on the verbal aptitude and analytic thinking sections. Partly because of those high scores, but also because the discipline

is so rigorous, philosophy students generally enjoy extremely high rates of acceptance to graduate programs and professional schools--regardless of the discipline. And with increasing frequency, studies show that philosophy majors who pursue business and other non-academic careers are often out-earning their non-philosophy colleagues by mid-career. No doubt, this is because philosophy students master the logic, reading, writing, and critical thinking skills that such pursuits so often require. In short, philosophy not only prepares students for a rewarding life, but for any type of work that requires highly developed abilities in analytical reasoning and effective communication.

General Information

The Department of Philosophy strongly recommends that philosophy majors double-major in another field to help them complete the 120 hours required for graduation and to help prepare them for the job market. We also recommend that they consider taking StDev 317 and HColl 110. Because all liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, StDev 317 is recommended to help liberal arts students focus on specific educational and occupational goals and to introduce them to graduate/professional school and employment preparation strategies, internships, available educational opportunities, and a variety of career options. HColl 110 introduces students to the culture and academic landscape of the humanities, and teaches them how to market and employ their liberal arts education in today's challenging work environment.

Philosophy students are also encouraged both to complete one of the many internships supported and funded by the College of Humanities (regardless of individual career goals), to learn a foreign language, and if finances allow, to study abroad for a semester.

Graduation Requirements

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

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

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

Programs

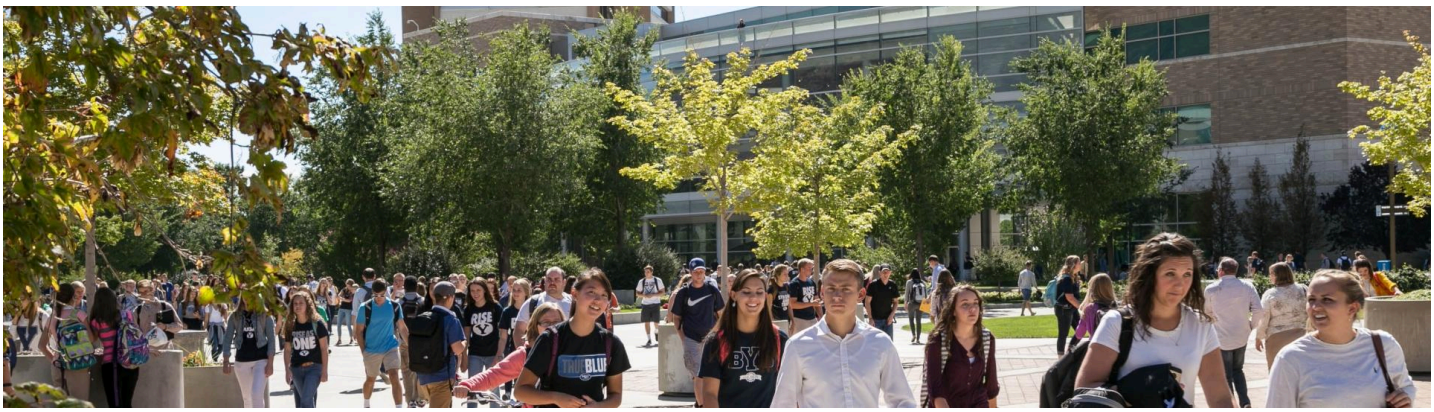
Logic (Minor)
Philosophy (Minor)
Theoretical and Applied Ethics (Minor)
Philosophy (BA)

Courses

PHIL 120 - History of Philosophy - Ancient and Medieval
PHIL 110 - Introduction to Philosophy
PHIL 140 - History of Philosophy, 1600 to present
PHIL 150 - Reasoning and Writing
PHIL 200 - Philosophy Major Orientation
PHIL 201 - History of Philosophy 1
PHIL 202 - History of Philosophy 2
PHIL 205 - Introduction to Logic and Critical Thinking
PHIL 210 - Science and Civilization 1
PHIL 211 - Science and Civilization 2
PHIL 212 - Introduction to Medical Ethics
PHIL 213 - Introduction to Ethics
PHIL 214 - Introduction to the Philosophy of Art
PHIL 215R - Sin and Atonement
PHIL 215R - Faith and Reason
PHIL 215R - Introduction to the Philosophy of Religion
PHIL 217R - Modern Political Philosophy
PHIL 217R - Classical and Medieval Political Philosophy
PHIL 217R - Social Contract Theory
PHIL 217R - Contemporary Political Philosophy
PHIL 217R - John Rawls
PHIL 217R - Social and Political Philosophy
PHIL 220 - Introduction to Theoretical Philosophy
PHIL 249R - Philosophical Lecture Series
PHIL 300 - Philosophical Writing
PHIL 305 - Intermediate Formal Logic
PHIL 313R - History of Ethics
PHIL 313R - Utilitarianism
PHIL 320R - Pre-Socratics
PHIL 320R - Socrates
PHIL 320R - Plato
PHIL 320R - Hellenistic Philosophy
PHIL 320R - Studies in Ancient Philosophy
PHIL 320R - Aristotle
PHIL 320R - Neo-Platonism
PHIL 320R - Stoicism
PHIL 330R - Medieval Arabic Philosophers
PHIL 330R - Medieval Philosophy and Religion
PHIL 330R - Augustine
PHIL 330R - Studies in Medieval Philosophy
PHIL 330R - Aquinas
PHIL 340R - Modern Political Theory
PHIL 340R - Nietzsche
PHIL 340R - Hume
PHIL 340R - Hegel
PHIL 340R - Continental Rationalism
PHIL 340R - German Idealism
PHIL 340R - Descartes
PHIL 340R - J. S. Mill
PHIL 340R - Locke
PHIL 340R - British Empiricism
PHIL 340R - Kant
PHIL 340R - Leibniz
PHIL 340R - Kierkegaard
PHIL 340R - Studies in Modern Philosophy
PHIL 350R - Studies in Contemporary Philosophy
PHIL 350R - Levinas
PHIL 350R - Hannah Arendt

PHIL 350R - Derrida
PHIL 350R - Existentialism
PHIL 350R - Pragmatism
PHIL 350R - Phenomenology
PHIL 350R - Husserl
PHIL 350R - Philosophy of Logic
PHIL 350R - Hermeneutics
PHIL 350R - Heidegger
PHIL 350R - Gadamer
PHIL 350R - Philosophy of Social Science
PHIL 350R - Sartre
PHIL 350R - Russell
PHIL 350R - Wittgenstein
PHIL 350R - Merleau-Ponty
PHIL 350R - Contemporary Political Theory
PHIL 350R - Peirce
PHIL 360R - Non-Western Philosophy
PHIL 360R - Non-Western Philosophy
PHIL 360R - Hindu Philosophy
PHIL 360R - Buddhism
PHIL 370R - Women and Philosophy
PHIL 399R - Philosophy Program Internship
PHIL 405 - Advanced Logic and Metalogic
PHIL 413R - Medical Ethics
PHIL 413R - The Good Life
PHIL 413R - Objectivity, Subjectivity, and Relativism
PHIL 413R - Moral Psychology
PHIL 413R - Environmental Ethics
PHIL 413R - Virtue Theory
PHIL 413R - Topics in Ethics
PHIL 413R - Skepticism
PHIL 413R - Applied Ethics
PHIL 414R - Philosophy of Architecture
PHIL 414R - Philosophy of Art
PHIL 414R - Philosophy of Music
PHIL 414R - Film Criticism and Theory
PHIL 414R - Topics in the Advanced Philosophy of Art, Architecture, Music, and Film
PHIL 414R - Philosophy of Theater
PHIL 414R - Philosophy and Literature
PHIL 414R - Contemporary Art Theory
PHIL 415 - Philosophy of Religion
PHIL 416 - Philosophy of Law
PHIL 420 - Philosophy of Language
PHIL 421 - Metaphysics
PHIL 422 - Epistemology
PHIL 423R - History of Medicine
PHIL 423R - History and Philosophy of Science
PHIL 424 - Philosophy of Mind
PHIL 450R - Advanced Topics in Philosophy
PHIL 490 - Senior Seminar
PHIL 495R - Directed Readings in Philosophy
PHIL 501R - Graduate Seminar

Spanish and Portuguese Department



Spanish and Portuguese

Department of Spanish and Portuguese

Administration

Chair: Scott Alvord

Department Information:

3190 JFSB

801-422-2837

span-port@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

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liberalarts@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

Most degree programs in the Department of Spanish and Portuguese are open-enrollment programs. However, students wishing to declare a major in Spanish or Portuguese are asked to first stop by the department office to fill out a clearance form in order to facilitate scheduling a meeting with a faculty advisor.

The Spanish Teaching and Spanish Translation programs are limited-enrollment programs. For information on applying to these programs, please contact the department.

The Discipline

The Spanish and Portuguese languages and literatures dominate the Iberian Peninsula, major parts of Africa, and the southern portion of the New World from Mexico to the Magellan Straits. Thirty countries have Spanish or Portuguese as an official or national language, with over 615 million speakers of these languages worldwide.

Such breadth—plus some 35 million speakers within the borders of the United States itself—gives multiple opportunities for developing skill in the spoken language, as well as in listening, reading, writing, and translation. Studying the Iberian roots of this large and important part of the population and learning about the people's perception of life also brings greater understanding of their values and their struggle for identity. A Spanish or Portuguese major makes for a demanding, intriguing, and pleasurable experience.

Career Opportunities

The field of teaching has always provided good employment opportunities for Spanish majors. In addition, opportunities for both Spanish and Portuguese have been found in government service (translation, U.S. State Department, CIA, FBI, Border Patrol, Peace Corps, NSA, USIA), business, social work, airlines, banking, etc. Many majors go on to professional schools (law, medicine, dentistry, business, etc.), where a liberal arts background is advised. A strong minor or a second major in the employment area is strongly encouraged.

Language Certificate Program

The Language Certificate Program is available in Spanish and Portuguese for all matriculated BYU students who are pursuing any BYU undergraduate degree. A student who meets the proficiency and course requirements may earn the Language Certificate. The proficiency requirement is met through the nationally recognized ACTFL Oral and Writing Proficiency Exams.

The Language Certificate Program is administered by the Center for Language Studies (3086 JFSB). For more information and course requirements, visit http://languagecertificate.byu.edu.

General Information

Spanish Resource Center

164 University Parkway Center, (801) 378-8107
E-mail: sp-rescenter@email.byu.edu

The Ministry of Education and Culture of Spain, in connection with the Department of Spanish and Portuguese and the Center for the Improvement of Teacher Education and Schooling (CITES), operates the Spanish Resource Center (Centro de Recursos). The purpose of the center is to provide an ample supply of books, computer programs, and didactic materials, both printed and audiovisual, related to the teaching of Spanish language and literature. Researchers, professors, students, educational institutions, coordinators, administrators, and in general all those who may be interested in the knowledge and promotion of Spanish are welcome. To increase the prestige of the Spanish language academically as well as socially, the Spanish Resource Center:

- Sponsors workshops, seminars, and work groups on topics related to teaching Spanish and researching linguistics and literature;
- Organizes conferences, film series, recitals, and cultural activities in general that relate to the Spanish language and culture; and
- Promotes and participates in all initiatives that are deemed appropriate and that favor acquisition and use of the Spanish language by students at different educational levels.

Foreign Language Student Residence

The Foreign Language Student Residence provides live-in opportunities for students in Spanish and Portuguese. A twenty-four-hour-a-day Spanish or Portuguese rule assures participants intensive use of the language, under the direction of native speakers. Prerequisite to this experience is Span 205 or Port 201 or its equivalent; any exceptions must be approved by the department. For further information contact the department secretary or the Foreign Language Student Residence Office, 3086 JFSB, (801) 422-3765.

Minor, Second Major, or Supporting Course Work Required for Spanish or Portuguese Majors

Students in the Spanish BA, Spanish Translation BA, and Portuguese BA programs are required to complete a minor (approximately 16-21 hours), second major (approximately 30-60 hours), or supporting course work (18 hours). Students in the Spanish Studies BA and Portuguese Studies BA programs, which are considered second-major programs, are required to complete a primary major in another field.

A minor is not required for students in the Spanish Teaching BA program, but a teaching minor in another subject is strongly recommended.

In order to declare a minor in Spanish Teaching or Portuguese Teaching, students must first declare a teaching major in another area.

For more information on program requirements, please refer to the webpage for each specific program.

Spanish or Portuguese Language Immersion Experience

Students are strongly encouraged to participate in an intensive Spanish or Portuguese language/culture immersion experience such as the following:

1. Residency abroad (may include a Spanish or Portuguese LDS mission, attendance at a foreign university, an advanced exchange program, or similar intensive foreign residence).
2. Participating in BYU Study Abroad Programs in Spain, Portugal, or Latin America.
3. Participating in individual or group-arranged internship programs abroad as approved by the department.
4. Living in the Foreign Language Student Residence for a year or more, pledging to use only Spanish or Portuguese within the residence.
5. Participating in a service learning course that involves working intensively with the Spanish or Portuguese community.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Portuguese (Minor)
Spanish (Minor)
Spanish Teaching (Minor)
Portuguese Teaching (Minor)
Portuguese (BA)
Spanish (BA)
Spanish Teaching (BA) *
Spanish Translation (BA) *
Portuguese Studies (Secondary Major) (BA)
Spanish Studies (Secondary Major) (BA)

Courses

PORT 101 - First-Year Portuguese
PORT 102 - First-Year Portuguese
PORT 105 - Portuguese for Spanish Speakers 1
PORT 201 - Third-Semester Portuguese
PORT 202 - Fourth-Semester Portuguese: Reading and Comprehension
PORT 205 - Portuguese for Spanish Speakers 2
PORT 206 - Intensive Portuguese Skills Development
PORT 211R - Portuguese Conversation at the Intermediate Level
PORT 212 - Second-Semester Conversation
PORT 311R - Portuguese Conversation at the Advanced Level
PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture
PORT 322 - Third-Year Portuguese Grammar and Composition
PORT 323A - Portuguese for Medical Professions
PORT 323B - Portuguese for Business Professions
PORT 325 - Survey of Luso-Brazilian Linguistics
PORT 326 - Portuguese Phonetics and Pronunciation
PORT 330 - Introduction to Portuguese and Brazilian Literature
PORT 341 - Survey of Literature of Portugal
PORT 345 - Cultures of Portugal
PORT 351 - Survey of Literature of Brazil
PORT 355 - Cultures of Brazil
PORT 360 - Introduction to Translation
PORT 377 - Methods of Portuguese Teaching
PORT 395R - Contemporary Culture
PORT 399R - Academic Internship: Portuguese Language Field Experience
PORT 421 - Advanced Portuguese Grammar for Language Proficiency
PORT 429R - Special Topics in Portuguese Linguistics
PORT 431R - African Literature in Portuguese
PORT 435 - Cultures of Portuguese-Speaking Africa and Asia
PORT 437R - Women Writers in Portuguese
PORT 438 - Luso-Brazilian Cinema
PORT 439R - Luso-Brazilian Theatre Production
PORT 442 - Camoes
PORT 447R - Special Topics in Cultures of Portugal
PORT 449R - Special Topics in Portuguese Literature
PORT 452 - Machado de Assis
PORT 453 - Twentieth-Century Brazilian Literature
PORT 457R - Special Topics in Cultures of Brazil
PORT 459R - Special Topics in Brazilian Literature
PORT 477R - Secondary Minor Student Teaching
PORT 480R - Directed Research in Portuguese
PORT 491 - Senior Proficiency Evaluation
PORT 493 - Capstone Course in Portuguese
PORT 520 - Advanced Portuguese Grammar
PORT 521 - Romance Philology
PORT 522 - History of the Portuguese Language
PORT 529R - Special Topics in Portuguese Linguistics
PORT 581R - Minicourse in Luso-Brazilian Literatures
PORT 582R - Minicourse in Portuguese Linguistics
PORT 583R - Minicourse in Portuguese Pedagogy
PORT 599R - Academic Internship: Portuguese Internship
SPAN 101 - Foundational Spanish 1
SPAN 102 - Foundational Spanish 2
SPAN 105 - University Spanish 1
SPAN 106 - University Spanish 2
SPAN 111R - Spanish Conversation for High Beginners 1
SPAN 112R - Spanish Conversation for High Beginners 2
SPAN 119R - Mariachi Band
SPAN 205 - University Spanish 3
SPAN 206 - Intensive Spanish Skills Development
SPAN 211R - Spanish Conversation at the Intermediate Level 1
SPAN 212R - Spanish Conversation at the Intermediate Level 2
SPAN 311R - Spanish Conversation at the Advanced Level 1
SPAN 312R - Spanish Conversation at the Advanced Level 2
SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture
SPAN 322 - Third-Year Spanish Composition
SPAN 323A - Spanish for Medical Professions
SPAN 323B - Spanish for Business Professions
SPAN 323C - Spanish for Legal Professions
SPAN 325 - Introduction to Hispanic Linguistics
SPAN 326 - Spanish Phonetics and Pronunciation
SPAN 330 - Introduction to Hispanic Literature
SPAN 335 - Survey of Hispanic Literature for Spanish Teachers
SPAN 341 - Survey of Literature of Spain
SPAN 345 - Cultures of Spain
SPAN 351 - Survey of Literature of Spanish America
SPAN 355 - Cultures of Spanish America
SPAN 360 - Introduction to Translation
SPAN 361 - Spanish to English Translation
SPAN 362 - English to Spanish Translation
SPAN 376 - Techniques of Spanish Instruction
SPAN 377 - Spanish Teaching Methods 1
SPAN 378 - Spanish Teaching Methods 2
SPAN 380 - Practicum in Teaching Spanish
SPAN 395R - Contemporary Culture
SPAN 399R - Academic Internship: Spanish Language Field Experience
SPAN 411 - Spanish Conversation at the Superior Level
SPAN 421 - Fourth-Year Grammar
SPAN 423 - Spanish in Motion: Variation and Change in the Spanish-Speaking world
SPAN 425 - Contrastive Analysis of the Structures of Spanish and English
SPAN 429R - Special Topics in Spanish Linguistics
SPAN 437R - Women Writers in Spanish
SPAN 438 - Hispanic Cinema
SPAN 439R - Hispanic Theatre Production
SPAN 440 - Medieval Spanish Literature

SPAN 443R - Golden Age Literature
SPAN 444 - Don Quijote.
SPAN 446R - Nineteenth-Century Literature
SPAN 447R - Special Topics in Cultures of Spain
SPAN 448R - Twentieth-Century Spanish Literature
SPAN 449R - Special Topics in Spanish Literature
SPAN 450R - Early Spanish-American Literature
SPAN 452 - U.S. Latinx Literature
SPAN 454R - The Spanish American Novel
SPAN 455R - Spanish-American Poetry.
SPAN 456R - Spanish American Drama
SPAN 457R - Special Topics in Cultures of Spanish America
SPAN 458R - Hispanic-American Short Story
SPAN 459R - Special Topics in Spanish American Literature
SPAN 465 - Spanish for Medical Interpretation
SPAN 467 - History and Theory of Translation
SPAN 468 - Literary Translation
SPAN 469 - Translation and Interpretation Project
SPAN 476 - Secondary Spanish Student Teaching
SPAN 478R - Secondary Minor Student Teaching
SPAN 480R - Directed Research in Spanish
SPAN 491 - Senior Proficiency Evaluation
SPAN 493 - Capstone Course in Spanish
SPAN 496 - Secondary Spanish Teaching Internship
SPAN 520 - Problems in Spanish Grammar
SPAN 521 - Romance Philology
SPAN 522 - History of the Spanish Language
SPAN 529R - Special Topics in Spanish Linguistics
SPAN 577 - Spanish Language Teaching Procedures
SPAN 581R - Minicourse in Hispanic Literatures
SPAN 582R - Minicourse in Hispanic Linguistics
SPAN 583R - Minicourse in Spanish Pedagogy
SPAN 585 - Student Journal Production
SPAN 599R - Academic Internship: Spanish Internship

Public Health Department



Public Health

Department of Public Health

Administration

Chair: Joshua H West

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Public Health are open enrollment.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

School Health Education (Minor)
Public Health (BS): Environmental/ Occupational Health Emphasis
Public Health (BS): Epidemiology Emphasis
Public Health (BS): Health Promotion Emphasis
Public Health (BS): Health Science Emphasis

Courses

HLTH 100 - Introduction to Public Health
HLTH 101 - Health and the Human Body
HLTH 196R - Public Health Practicum
HLTH 199R - Global Health Experiences
HLTH 201 - Contemporary Issues for Student Athletes
HLTH 312 - Introduction to Planning, Interventions, and Evaluation
HLTH 313 - Introduction to Data Collection and Analysis
HLTH 314 - Health, Disease and Their Determinants, Part 1
HLTH 315 - Health, Disease and Their Determinants, Part 2
HLTH 316 - Influencing Health through Health Systems and Policy
HLTH 320 - Advanced First Aid and Safety
HLTH 322 - Environmental Health
HLTH 324 - Occupational Health and Safety
HLTH 330 - Principles and Practices of Health Promotion
HLTH 332 - Technology in Health Promotion
HLTH 335 - Health Behavior Change
HLTH 345 - Principles of Epidemiology
HLTH 381 - School Health Education Methods and Curriculum A
HLTH 382 - School Health Education Methods and Curriculum B
HLTH 383 - Mind/Body Health
HLTH 391R - Mentored Teaching in Public Health
HLTH 396R - Campus Engagement
HLTH 403R - Special Topics
HLTH 413 - Refugee and Migrant Health
HLTH 416 - Applied Clinical Data Systems in Public Health
HLTH 420 - Injury and Violence Prevention
HLTH 422 - Disaster Response and Emergency Preparedness
HLTH 425 - Working with Vulnerable and Diverse Populations
HLTH 426 - Environmental Toxicology
HLTH 428 - Occupational Exposure Assessment Lab
HLTH 429 - Air Quality Assessment Lab
HLTH 431 - Health Communication and Advocacy
HLTH 434 - Applied Public Health Evaluation & Analytics
HLTH 436 - Sexual and Reproductive Health
HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
HLTH 442 - Special Topics in Epidemiology
HLTH 447 - Introduction to Biostatistics
HLTH 449 - Epidemiologic Study Design & Analysis
HLTH 450 - Women's Health
HLTH 456 - Families and Public Health
HLTH 460 - Substance Use Disorders and the Individual, Family, and Community
HLTH 461 - Population Mental Health
HLTH 466 - Health and the Aging Process
HLTH 477R - Secondary Minor Student Teaching
HLTH 480 - International Health
HLTH 481 - Applied International Health
HLTH 482 - Medical Geography
HLTH 491R - Mentored Research
HLTH 492R - Directed Public Health Readings
HLTH 493 - Epidemiology Capstone
HLTH 494 - Health Promotion Capstone: Advanced Program Planning
HLTH 495 - Health Science Capstone: Integrating Public Health and Primary Care
HLTH 496R - Academic Internship: Health Science
HLTH 496R - Academic Internship: Environmental/Occupational Health
HLTH 496R - Academic Internship: Epidemiology
HLTH 496R - Academic Internship: Health Promotion

Exercise Sciences Department



Exercise Sciences

Department of Exercise Sciences

Administration

Chair: Ty Hopkins
Associate Chair: A. Wayne Johnson

Department Information:

106 SFH

801-422-6507

exscoffice@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

Please see Life Sciences Advisement for specific details on enrolling in each major. They are located in 2060 LSB; 801-422-3042 or lifesciences@byu.edu.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Exercise & Wellness (BS)

Exercise Science (BS)

General Studies (BGS): Exercise and Wellness Emphasis

Courses

EXSC 151 - Introduction to Exercise Sciences
EXSC 221 - Science of Wellness
EXSC 320 - Basic Athletic Training
EXSC 321 - Basic Athletic Training Lab
EXSC 349 - Body, Mind, Spirit
EXSC 350 - Research Methods and Evidence Based Practices
EXSC 360 - Exercise Is Medicine
EXSC 362 - Kinesiology and Biomechanics
EXSC 385 - Personal Training Strategies
EXSC 387 - Lifestyle and Chronic Disease Prevention
EXSC 399R - Huntsman World Senior Games Internship
EXSC 399R - Exercise Sciences Internship
EXSC 410 - Stress Management
EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)
EXSC 455 - Worksite Health Promotion
EXSC 460 - Orthopaedic Impairments and Therapeutic Exercise
EXSC 462 - Clinical Biomechanics
EXSC 463 - Exercise Physiology
EXSC 464 - Exercise Physiology Lab
EXSC 466 - Introduction to Electrocardiograms
EXSC 468 - Exercise Prescription
EXSC 470 - Functional Neuroanatomy
EXSC 480 - Obesity and Weight Management
EXSC 485 - Exercise and Wellness Certification Preparation
EXSC 488 - Motor Control
EXSC 497R - Undergraduate Research and Study
EXSC 498 - Capstone Experience in Athletic Training
EXSC 501 - Pathophysiology for the Athletic Trainer
EXSC 514 - Advanced Athletic Training Lab
EXSC 515 - Therapeutic Interventions 1, Modalities
EXSC 516 - Orthopedic Evaluation 1: Lower Extremities
EXSC 517 - Orthopedic Evaluation 2: Upper Extremities and Trunk
EXSC 518 - Therapeutic Interventions 2, Rehabilitation
EXSC 519 - Medical Issues in Athletic Training
EXSC 563 - Environmental Physiology

Dance Department



Dance

Department of Dance

Administration

Chair: Shayla Bott

Department Information:

294 RB

801-422-5087

dance@byu.edu

WEBSITE

Advisement Center:

1190 WCCB

801-422-3777

cfacadvise@byu.edu

WEBSITE

FACULTY

Mission

The Department of Dance integrates body, mind, and spirit through performance, choreography, teaching, scholarship.

General Information

Brigham Young University has been an accredited institutional member of the National Association of Schools of Dance since 1989. The BYU Department of Dance provides a broad base for professional training in both the classroom and the studio. The department is organized administratively into four areas: Ballet, Ballroom Dance, Contemporary Dance, and World Dance. These areas work cooperatively to provide opportunities for all students at the university to develop their potential in dance. To this end, the department offers a wide variety of foundational courses.

Our versatile undergraduate program includes four degrees: Bachelor of Arts (BA) in Dance, Bachelor of Arts (BA) in Dance Education K-12, Bachelor of Fine Arts (BFA) in Dance, and Bachelor of Fine Arts (BFA) in Music Dance Theatre (MDT). The Dance BA is an open enrollment program; the Dance Education, Dance BFA, and MDT programs require audition to be admitted to the program. Students are encouraged to declare pre-majors for these majors upon arrival to campus. Pre-major requirements: Dance Education K-12 pre-major; Dance BFA pre-major; MDT pre-major.

Intensive major course work in the Dance BA, Dance Education and Dance BFA programs include studies in the dance sciences, dance history, and additional academic work that develops performance, choreography, teaching, scholarship and leadership skills in all types of dance.

Performing opportunities are provided both on and off campus with various groups, some that travel locally, nationally and internationally. Most dance technique and performance classes are not restricted to dance majors. Placement in technique and performance classes is determined by audition.

At Brigham Young University, dance celebrates the best in humankind and strives to enrich the lives of all who experience it.

Career Opportunities

Traditional career paths in the dance field include teaching, performance, and choreography. Teaching opportunities are available in a variety of venues, including but not limited to colleges and universities (for those with graduate degrees), K-12 public and private schools, community education and recreational programs, private studios, health and fitness facilities, preschool and day care centers, and rehabilitative facilities. Performing opportunities are available by audition with professional and regional companies and in theatrical, television, and film production. Opportunities to create choreographic work as either a guest or resident artist are also available in various venues, including but not limited to professional and regional companies, university dance programs, public and private schools, private studios, community programs, theatrical, television and film venues. Equally rewarding dance-related careers are also available in the areas of dance and arts administration, criticism, dance athletic training, dance therapy, history, research, notation, and reconstruction, and theater arts studies. A degree in dance also has many transferrable skills that relate to creativity, communication, collaboration and critical thinking (21st Century Skills).

Admission to Degree Programs

1. The Bachelor of Art (BA) in Dance is an open enrollment program. Students may enter the Dance BA program by declaring it as a major upon acceptance to the university.
2. The Bachelor of Arts (BA) in Dance Education K-12, Bachelor of Fine Arts (BFA) in Dance, and Bachelor of Fine Arts in Music Dance Theatre (MDT) are limited enrollment programs. Students must audition for acceptance into these degree programs. Please see the Dance Department website (dance.byu.edu) and/or major program coordinators for dates and specific details regarding each program.

Departmental Requirements

1. All dance technique courses require a grade of at least B– and faculty approval for advancement to next level.
2. Majors must complete annual mandatory advisement and follow the MAP sheet to assure successful course sequencing. Failure to follow suggested course sequencing may result in delayed graduation.
3. Exceptions to major course requirements and sequencing are strongly discouraged and rarely granted.
4. Majors are counseled to maintain healthy lifestyle practices.

Graduation Requirements

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

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

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

Programs

Cultural Dance (Minor)
Dance (BA)
Dance Education K-12 (BA) *
Dance (BFA) *
Contemporary Dance (Minor)
Ballroom Dance (Minor)
Ballet (Minor)

Courses

DANCE 131 - Jazz Dance, Beginning
DANCE 135 - Tap Dance, Beginning
DANCE 140 - Contemporary Modern Dance, Beginning
DANCE 164 - Music for Movement
DANCE 170 - Cultural Dance Introduction
DANCE 171 - American Clog Dance, Beginning
DANCE 172 - American Folk Dance Forms, Beginning
DANCE 173R - Culture-Specific Dance Beginning
DANCE 174 - Irish Dance, Beginning
DANCE 175 - Polynesian Dance, Beginning
DANCE 180 - Social Dance, Beginning
DANCE 181 - Country Western Social Dance, Beginning
DANCE 184 - Ballroom Dance, International Beginning
DANCE 185 - Latin Dance, International Beginning
DANCE 190 - Ballet, Beginning
DANCE 192 - Character Dance
DANCE 228R - Mexican Dance Technique 1
DANCE 229R - Dance Performance 1
DANCE 230 - Conditioning
DANCE 231R - Jazz Dance Technique 1
DANCE 233 - Aerial Dance Technique
DANCE 234R - Pilates
DANCE 235R - Tap Dance Technique 1
DANCE 238R - Folk Dance Performance
DANCE 240R - Contemporary Modern Dance, Technique and Theory 1
DANCE 241R - Contemporary Modern Dance, Technique and Theory 2
DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
DANCE 244R - Beginning Creative Processes
DANCE 245 - Foundational Street Dance Styles
DANCE 260 - Introduction to Dance
DANCE 261 - Freshman Seminar in Dance
DANCE 264 - Music for Dancers
DANCE 270 - Cultural Dance Technique 1
DANCE 271R - Clogging Dance Intermediate Technique 1
DANCE 272R - Culture-Specific Dance Technique 1
DANCE 273R - Hungarian Dance Technique 1
DANCE 274R - Irish Dance Technique 1
DANCE 275 - Polynesian Dance Technique 1
DANCE 276R - Exploration of Teaching
DANCE 277 - Spanish Dance Technique 1
DANCE 278 - Ukrainian Dance Technique 1
DANCE 279 - Indian Dance Technique 1
DANCE 280 - Social Dance, Technique 1
DANCE 281 - Country Western Social Dance, Intermediate
DANCE 284 - Ballroom Dance, International Technique 1
DANCE 285 - Latin Dance, International Technique 1
DANCE288R - Ballroom Dance Performance, Beginning
DANCE 290 - Ballet, Accelerated Beginning
DANCE 291R - Ballet Technique 1
DANCE 293R - Ballet Technique 2
DANCE 294R - Ballet Technique, Men
DANCE 300 - Music Theatre in Contemporary Culture
DANCE 317 - Advanced Writing for Dance
DANCE 320R - Young Ambassadors
DANCE 326 - Dance for the Elementary Classroom
DANCE 327R - Living Legends
DANCE 328 - Script, Movement and Score Analysis
DANCE 331R - Jazz Dance Technique 2
DANCE 335R - Tap Dance Technique 2
DANCE 338R - Folk Dance Performance
DANCE 340R - Contemporary Modern Dance, Technique and Theory 3
DANCE 341R - Contemporary Modern Dance, Technique and Theory 4
DANCE 342 - Kinesiology for Dancers
DANCE 343 - Principles of Somatics
DANCE 345 - Accelerated Street Dance Styles
DANCE 346 - Dance and Diaspora
DANCE 348R - Kinnect
DANCE 351 - Laban Movement Analysis
DANCE 354 - Dance and Identity
DANCE 355 - Dance Production, Introduction
DANCE 357 - Dance - A Reflection of Culture
DANCE 358 - Dance and Film
DANCE 359R - Special Topics and Issues
DANCE 362 - Contemporary Modern Dance Choreography Intermediate
DANCE 363R - Dance Improvisation, Intermediate
DANCE 364 - Contemporary Partnering
DANCE 365 - Creative Dance for Elementary Education
DANCE 366 - Methods of Teaching Contemporary Modern Dance
DANCE 367 - Methods of Teaching Children's Creative Dance
DANCE 368R - DancEnsemble - Contemporary Dance Performance and Choreography
DANCE 370 - Cultural Dance Technique 2
DANCE 371R - Clog Dance Technique 2
DANCE 373R - Hungarian Dance Technique 2
DANCE 374R - Irish Dance Technique 2

DANCE 376 - Methods of Teaching Cultural Dance
DANCE 377R - Cultural Dance Choreography
DANCE 380R - Social Dance, Technique 2
DANCE 382R - Ballroom Dance, International Technique 2
DANCE 383R - Latin Dance, International Technique 2
DANCE 384R - Ballroom Dance, International Technique 3
DANCE 385R - Latin Dance, International Technique 3
DANCE 386 - Methods of Teaching Social Dance
DANCE 387R - Ballroom Dance Choreography
DANCE 388R - Ballroom Dance Performance, Intermediate.
DANCE 390R - Ballet Technique 3
DANCE 391R - Ballet Technique 4
DANCE 392R - Ballet Pointe 1
DANCE 393R - Ballet Pointe 2
DANCE 396 - Methods of Teaching Ballet.
DANCE 397R - Ballet Choreography
DANCE 398R - Theatre Ballet Studio Company
DANCE 399R - Academic Internship: Dance BFA
DANCE 399R - Academic Internship: General Dance
DANCE 399R - Academic Internship: Ballroom Dance
DANCE 399R - Academic Internship: Dance Education
DANCE 400R - Workshop in Ballet
DANCE 400R - Studies in Dance
DANCE 426 - Music Dance Theatre: Senior Performance Project
DANCE 429R - Dance Performance 2
DANCE 438R - International Folk Dance Ensemble
DANCE 440R - Contemporary Modern Dance Technique and Theory 5
DANCE 459 - Seminar in Dance
DANCE 460 - Dance History and Theory
DANCE 461 - Dance History 2
DANCE 462R - Dance Choreography, Advanced.
DANCE 465 - K-12 Dance Curriculum Design
DANCE 466 - Dance Teaching Practicum and Classroom Management
DANCE 468R - Contemporary Dance Theatre
DANCE 469 - Capstone in Dance
DANCE 474R - Percussive Step Styles
DANCE 476 - Secondary Student Teaching
DANCE 480R - Social Dance, Technique 3
DANCE 484R - Ballroom Dance, International Technique 4
DANCE 485R - Latin Dance, International Technique 4
DANCE 486 - Theory and Notation of International Ballroom Dance
DANCE 487 - Theory and Notation of International Latin Dance
DANCE 488R - Ballroom Dance Performance Company
DANCE 489R - Preparation for Ballroom Dance Competitions
DANCE 490R - Ballet Technique 5
DANCE 494R - Ballet Pointe/Variations
DANCE 495R - Pas de Deux
DANCE 498R - Theatre Ballet
DANCE 544R - Advanced Studio Workshop

Experience Design and Management Department



Experience Design and Management

Department of Experience Design and Management

Administration

Chair: Mat Duerden

Department Information:

W419 TNRB

801-422-3163

exdmsec@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

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

The Discipline

The Experience Design and Management major is comprised of a 21-credit core of classes and a variety of elective courses focused on specific career paths. Students in ExDM learn how to design, deliver, and manage experience journeys. Our versatile students employ interdisciplinary design principles, management science, and positive psychology to deliver impactful experiences across diverse contexts.

The interdisciplinary nature of ExDM allows students the opportunity to complete not only their departmental coursework but also learn from BYU Marriott courses as well. BYU Marriott courses prepare students in the areas of leadership and management skills, accounting and finance, marketing, human resources, andcurrent societal issues and trends related to experience-based choices and behaviors.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Experience Design and Management (BS) *

Courses

EXDM 123 - Introduction to Outdoor Recreation Activities
EXDM 199R - Academic Internship: Practicum
EXDM 223R - Outdoor Skills Leadership
EXDM 223R - Fly Fishing
EXDM 223R - Hiking and Survival
EXDM 223R - Camping Skills
EXDM 223R - River Recreation
EXDM 223R - Mountain Biking
EXDM 223R - Rock Climbing
EXDM 223R - Winter Camping

EXDM 223R - Sailing
EXDM 223R - Ski Instructor
EXDM 223R - Basic Backpacking
EXDM 223R - Wilderness Trek
EXDM 223R - Family Outdoor Recreation
EXDM 300 - Creating a Good Life through Experience Design
EXDM 301 - Family Recreation
EXDM 302 - Hospitality Management
EXDM 303 - Introduction to Sports and Entertainment Industries
EXDM 306 - Community Festivals and Special Events
EXDM 307 - Sport and Entertainment Venue Management
EXDM 311 - Advances in Positive Psychology in Experience Design
EXDM 404 - Experience Design
EXDM 405 - Theories and Frameworks in Experience Design and Management
EXDM 406 - Experience Design and Management Career Expeditions
EXDM 411 - Risk Management in Experience Industries
EXDM 415 - Experience-Centric Management
EXDM 416 - Experiential Marketing
EXDM 418 - Designing for Inclusion and Belonging
EXDM 418 - Designing for Inclusion and Belonging
EXDM 422 - Experience Needfinding
EXDM 423 - Experience Insights
EXDM 430 - Current Trends and Opportunities in the Experience Economy
EXDM 431 - Guest, Visitor, and Customer Experience Management
EXDM 490R - Topics in Experience Design and Management
EXDM 494R - Experience Design and Management Lab
EXDM 495 - Professional Preparation in Experience Design and Management
EXDM 496R - Senior Internship
EXDM 585R - Experience Design Research Seminar
TRM 199R - Academic Internship: Practicum
TRM 400 - Inclusion and Disabilities in Therapeutic Recreation
TRM 401 - Introduction to Therapeutic Recreation
TRM 410 - Assessment and the Therapeutic Recreation Process
TRM 420 - Programming and Interventions in Therapeutic Recreation
TRM 421 - Issues in Administration of Therapeutic Recreation
TRM 422 - Leadership and Facilitation Techniques in Therapeutic Recreation
TRM 490R - Topics in Therapeutic Recreation and Management
TRM 496R - Senior Internship

Chemistry and Biochemistry Department



Chemistry and Biochemistry

Department of Chemistry and Biochemistry

Administration

Chair: Jaron C Hansen

Department Information and Advisement:

C-104 BNSN

801-422-6261

valerie.maker@byu.edu

WEBSITE

FACULTY

College Advisement Center:

N-181 ESC

801-422-2674

physmath.advisement@byu.edu

WEBSITE

Admission to Degree Program

All degree programs in the Department of Chemistry and Biochemistry are open enrollment. However, special limitations apply for chemistry education majors.

The Discipline

Chemists and biochemists study the fundamental processes that govern the natural world, including atomic structure and how atoms interact to form molecules and materials. They study the mechanisms of chemical processes, including those that underpin living systems such as the transfer of information from DNA to RNA to proteins. They work to develop simplifying models (theories) that permit the correlation and explanation of observations about the behavior of matter. Chemical principles are fundamental to the understanding of subjects ranging from the molecular biology of life to the structure of rocks and minerals. Chemistry and biochemistry provide an essential foundation for the medical sciences, engineering (especially chemical engineering), electronics, energy, environmental sciences, materials science, pharmacy, and virtually all manufacturing processes.

Chemistry and biochemistry are active branches of science that are vital to human existence. Inasmuch as the field embraces all aspects of the material world, it is subdivided into five areas of interest. Examples of these diverse areas include the regulation of protein synthesis, cellular signal transduction at the molecular level and proteometrics (biochemistry), design and synthesis of medicinal compounds (organic chemistry), design and synthesis of new molecular structures and materials (inorganic chemistry), spectroscopic study of energy transfer and molecular structures (physical chemistry), and analysis of medicinal compounds, biological materials, and contaminants or trace elements found in the environment (analytical chemistry).

Chemistry and biochemistry involve far more than test tubes and beakers. They include sophisticated methodologies such as recombinant DNA technology, working with a variety of instruments such as mass spectrometers, calorimeters, chromatographs, ultracentrifuges, lasers, X-ray diffractometers, electron microscopes and nuclear magnetic resonance spectrometers, all of which are used by undergraduate chemistry and biochemistry students at BYU. Computers also play an important role in these disciplines, with applications varying from simulation of molecules to the collection and analysis of data. The chemistry and biochemistry curricula are both rigorous and intellectually rewarding.

Career Opportunities

Graduates in chemistry and biochemistry obtain positions in education and many different industries, performing analysis, synthesis, characterization, observation, and modeling. Those who work hard, are creative, and have intellectual curiosity are in particular demand. The discipline also provides an excellent preprofessional course of study for those interested in medicine, dentistry, law, and business.

General Information

Required High School Preparation

1. It is recommended that a student complete the following courses in high school:
    - 3 units of English.
    - 2 units of physical science, chemistry, and physics.
    - 4 units of mathematics, consisting of 2.5 units of algebra, 1 unit of geometry, and 0.5 unit of trigonometry. This should qualify students to begin college mathematics with Math 112, analytic geometry and calculus.

      Because mathematics provides the foundation for all work in the physical and mathematical sciences, particular attention should be paid to high school preparation in this subject.

      To decide which mathematics course should be taken first, contact the Mathematics Department, 292 TMCB, and request a mathematics placement test.
2. All students, especially freshmen and those transferring, should contact the department between March and August each year for advisement about efficient course scheduling and opportunities for student employment.

Scholarships

Kenneth W. Brighton, H. Tracy Hall, Ida Tanner Hamblin, Boyd A. Waite, Byron J. Wilson, Hiram and Permelia Dayton, Dennis and Shirley Knudson, Parley N. & P. LeRoi Nelson, Richard L. Snow Family, Lawrence Mark Lee Memorial, Edward G. Paul, Doug and Nancy Lawson, and other scholarships are available to qualified chemistry majors at the sophomore level and above.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

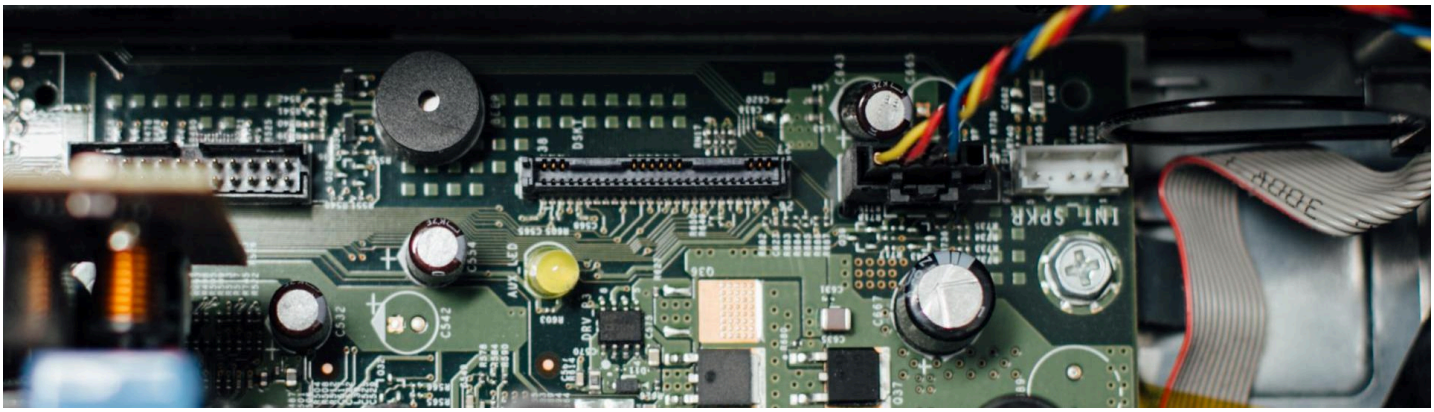
Chemistry (Minor)
Chemistry Education (Minor)
Chemistry (BS)
Biochemistry (BS)
Chemistry (BA)
Chemistry Education (BS)

Courses

CHEM 100 - Elementary College Chemistry
CHEM 101 - Introductory General Chemistry
CHEM 102 - Concepts of Chemistry
CHEM 105 - General College Chemistry 1 with Lab (Integrated)
CHEM 106 - General College Chemistry 2
CHEM 107 - General College Chemistry Laboratory
CHEM 111 - Principles of Chemistry 1
CHEM 112 - Principles of Chemistry 2
CHEM 113 - Introductory General Chemistry Laboratory
CHEM 195 - Introduction to Chemistry and Biochemistry
CHEM 201 - Chemical Handling and Safe Laboratory Practices
CHEM 227 - Principles of Chemical Analysis
CHEM 285 - Introductory Bio-organic Chemistry
CHEM 297R - Research Training Experience
CHEM 331 - Guided Learning for Chemistry Instruction
CHEM 351 - Organic Chemistry 1
CHEM 351M - Organic Chemistry 1 - Majors
CHEM 352 - Organic Chemistry 2
CHEM 352M - Organic Chemistry 2 - Majors
CHEM 353 - Organic Chemistry Laboratory--Nonmajors.
CHEM 354 - Organic Chemistry Laboratory--Majors
CHEM 355 - Organic Chemistry Laboratory 2 - Nonmajors
CHEM 357 - Industrial Organic Chemistry
CHEM 381 - Fundamentals of Biochemistry
CHEM 384 - Biochemistry Methods
CHEM 391 - Technical Writing Using Chemical Literature
CHEM 397R - Mentored Outreach and Service Learning
CHEM 455 - Synthesis and Qualitative Organic Analysis
CHEM 460 - Mathematics for Physical Chemistry
CHEM 462 - Physical Chemistry 1
CHEM 463 - Physical Chemistry 2
CHEM 464 - Physical Chemistry Laboratory 1
CHEM 465 - Physical Chemistry Laboratory 2
CHEM 467 - Physical Chemistry for Engineers
CHEM 468 - Biophysical Chemistry
CHEM 477R - Secondary Minor Student Teaching
CHEM 481 - Biochemistry.
CHEM 482 - Mechanisms of Molecular Biology
CHEM 483 - Bioenergetics and Metabolism
CHEM 489 - Structural Biochemistry
CHEM 495 - Senior Seminar
CHEM 496R - Academic Internship: Chemistry and Biochemistry
CHEM 497R - Mentored Learning in Chemistry/Biochemistry
CHEM 498R - Capstone Experience in Chemistry/Biochemistry
CHEM 500 - (Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
CHEM 502 - Job Search Strategies
CHEM 514 - Inorganic Chemistry
CHEM 518 - Advanced Inorganic Laboratory
CHEM 521 - Instrumental Analysis Lecture
CHEM 523 - Instrumental Analysis Laboratory
CHEM 552 - Advanced Organic Chemistry
CHEM 553 - Advanced Organic Chemistry
CHEM 555 - Organic Spectroscopic Identification
CHEM 561 - Chemical Thermodynamics
CHEM 563 - Reaction Kinetics
CHEM 565 - Introduction to Quantum Chemistry
CHEM 567 - Statistical Mechanics
CHEM 569 - Fundamentals of Spectroscopy
CHEM 571 - Polymer and Materials Chemistry
CHEM 575 - X-ray Diffraction Theory & Practice
CHEM 581 - Advanced Biochemical Methodology 1
CHEM 583 - Advanced Biochemical Methodology 2
CHEM 584 - Advanced Biochemistry Methods 1
CHEM 586 - Advanced Biochemistry Methods 2
CHEM 594R - General Seminar
CHEM 596R - Special Topics in Chemistry
PHY S 276 - Exploration of Teaching

PHY S 377 - Teaching Methods and Instruction
PHY S 378 - Practicum in Secondary Education
PHY S 476 - Secondary Student Teaching
PHY S 496 - Academic Internship: Secondary Education

Computer Science Department



Computer Science

Department of Computer Science

Administration

Chair: Michael Jones

Department Information:

3361 TMCB

801-422-3027

cs-office@byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The BS in Computer Science, the Bioinformatics Emphasis, the Software Engineering Emphasis, and the Machine Learning degree programs in the Department of Computer Science are open enrollment. The Animation Emphasis is limited enrollment and requires admission. For more information about the CS Animation Emphasis, visit cs.byu.edu/animation.

The Discipline

Computer science touches virtually every area of human endeavor. Software is responsible for everything from the control of kitchen appliances to sophisticated climate models used in predicting future environmental change. Students in computer science learn to approach complex problems in business, science, and entertainment using their strong background in mathematics, algorithms, and data structures.

The degree programs in the Computer Science Department prepare students to be confident software developers and technical problem solvers. The curriculum also trains students for research into new avenues where computers will have a significant impact.

The BS curriculum is accredited by the Computing Accreditation Commission of ABET.

Career Opportunities

Graduates pursue exciting opportunities in graphics, artificial intelligence, software engineering, database design, scientific programming, systems administration, and research at universities and national laboratories.

Students completing the animation emphasis will be prepared for technical positions at animation and game programming studios. Students will learn both the technical and artistic side of creating and implementing digital animations and games.

The Bioinformatics emphasis is designed for students who are interested in building software to assist in analyzing biological systems. Students will graduate with a significant background in biology coupled with the software development and analysis skills necessary to implement large bioinformatics applications.

Animation Degree Program

The BFA in animation is an interdisciplinary degree offered by the College of Fine Arts and Communications through the cooperative involvement of the Department of Theatre and Media Arts, the Department of Design, and the College of Physical and Mathematical Sciences' Computer Science Department. Please see the Design section of this catalog for degree requirements, or go to the College of Fine Arts and Communications Advisement Center for more information about entrance requirements to this program.

General Information

Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.

Note: All hours of credit applied toward a major in computer science must be of C– or better. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Computer Science Teaching (Minor)
Computer Science (Minor)
Computer Science (BS)
Computer Science (BS): Bioinformatics Emphasis
Computer Science (BS): Animation and Games Emphasis
Machine Learning (BS)
Computer Science (BS): Software Engineering Emphasis
Computer Science (BS): Human-Computer Interaction Emphasis

Courses

C S 110 - How to Program
C S 111 - Introduction to Computer Science
C S 142 - Introduction to Computer Programming
C S 180 - Introduction to Data Science
C S 191 - Exploring Computer Science
C S 199R - Academic Internship
C S 201R - Topics in Computer Science
C S 202 - Software Engineering Lab 1
C S 203 - Software Engineering Lab 2
C S 204 - Software Engineering Lab 3
C S 224 - Introduction to Computer Systems
C S 235 - Data Structures and Algorithms
C S 236 - Discrete Structures
C S 240 - Advanced Software Construction
C S 252 - Introduction to Computational Theory
C S 256 - Introduction to Human Computer Interaction
C S 260 - Web Programming
C S 270 - Introduction to Machine Learning
C S 291 - Careers in Computer Science
C S 301R - Topics in Computer Science
C S 312 - Algorithm Design and Analysis
C S 324 - Systems Programming
C S 329 - Quality Assurance and Developer Operations
C S 330 - Concepts of Programming Languages
C S 340 - Software Design
C S 345 - Operating Systems Design

C S 355 - Interactive Graphics and Image Processing
C S 356 - Advanced Techniques in Human Computer Interaction
C S 393 - Collaborative Problem Solving
C S 401R - Topics in Computer Science
C S 404 - Ethics and Computers in Society
C S 405 - Creating and Managing a Software Business
C S 412 - Linear Programming and Convex Optimization
C S 416 - Advanced Algorithms
C S 418 - Bioinformatics Algorithms
C S 428 - Software Engineering
C S 430 - Formal Verification
C S 431 - Algorithmic Languages and Compilers
C S 450 - Computer Vision
C S 452 - Database Modeling Concepts
C S 453 - Fundamentals of Information Retrieval
C S 455 - Computer Graphics
C S 456 - Mobile and Ubiquitous Human-Computer Interaction
C S 460 - Computer Communications and Networking
C S 462 - Large-Scale Distributed System Design
C S 465 - Computer Security
C S 466 - Blockchain Technologies
C S 470 - Introduction to Artificial Intelligence
C S 471 - Voice User Interfaces
C S 472 - Introduction to Machine Learning
C S 473 - Advanced Machine Learning
C S 474 - Introduction to Deep Learning
C S 477R - Secondary Minor Student Teaching
C S 479 - Introduction to Machine Translation
C S 480 - Software Engineering Capstone 1
C S 481 - Software Engineering Capstone 2
C S 482 - Data Science Capstone 1
C S 483 - Data Science Capstone 2
C S 486 - Verification and Validation
C S 493R - Computing Competitions
C S 494 - Capstone 1
C S 495 - Capstone 2
C S 497R - Undergraduate Research
C S 498R - Undergraduate Special Projects
C S 500 - (C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
C S 501R - Advanced Topics in Computer Science
C S 502 - Job Search Strategies
C S 513 - Robust Control
C S 556 - Research Methods and Study Design in Human-Computer Interaction
C S 574 - Transformer Models for Natural Language Processing
C S 575 - Introduction to Graph Data Science
C S 580 - Theory of Predictive Modeling
CSANM 150 - Introduction to Three-Dimensional Computer Graphics
CSANM 210 - Visual Narrative for Animation
CSANM 250 - Intermediate Three-Dimensional Computer Graphics
CSANM 252 - Introduction to Three-Dimensional Animation
CSANM 258 - Scripting for Animation
CSANM 340 - Introduction to Game Design
CSANM 342 - Real-time Techniques
CSANM 351R - Lighting for Three-Dimensional Graphics
CSANM 352 - Animated Film Production 1
CSANM 353 - Previsualization
CSANM 354 - Materials and Surfacing
CSANM 355 - Photography for Animation
CSANM 450 - Animated Film Production 2
CSANM 452 - Animated Film Production 3
CSANM 453R - Special Topics in Advanced Graphics
CSANM 454 - Advanced Shading
CSANM 458R - Three-Dimensional Visual Effects
CSANM 459 - Video Game Production 1
CSANM 460 - Video Game Production 2
CSANM 494R - Special Problems in Animation
CSANM 497R - BFA Final Project

Geological Sciences Department



Geological Sciences

Department of Geological Sciences

Administration

Chair: Brooks Bradley Britt

Department Information:

S-389 ESC

801-422-3918

geology@byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Geological Sciences are open enrollment. However, special limitations apply for teaching majors.

The Discipline

Geological sciences are aimed at understanding the Earth's origin and development and the natural processes that have operated upon it and within it from the time of formation of the solar system. With the development of remote sensing technology and the exploration of the solar system by spacecraft, geological sciences have become increasingly important for understanding not only the Earth but the Moon, other planets and their moons, and small bodies that orbit the Sun.

Understanding the dynamic processes of Earth and other planets is relevant to many societal needs, such as assessment and forecasting of natural hazards, environmental change, and discovery of energy and mineral resources. Some of the diverse disciplines that can be studied in this department include environmental geology, mineral resources, hydrogeology and water resources, petroleum resources geology, plate tectonics, volcanology, geochemistry, geophysics, paleontology, paleoclimatology, and planetary geology.

Career Opportunities

Graduates have the opportunity to work in diverse locations including in the office or remotely on computers, outdoors and in the laboratory, pursuing careers in energy, mineral, and water resources, environmental evaluation with industry, government, or consulting firms, and in basic research through national laboratories, government or academia. The substantial preparation in basic sciences and mathematics also leads to a broad spectrum of other career opportunities. The most marketable terminal degree in geological sciences is the Master of Science, though there are competitive and stimulating jobs available at the BS and PhD levels. Starting salaries for this degree are often very competitive with those of other disciplines.

Global Geology Program

When possible, the department provides opportunities for advanced undergraduates and graduate students to examine rocks and geological processes at some premier localities around the world. These one- to two-week field trips allow students to do mentored research projects and develop field expertise rarely available to undergraduate students. Programs that are run every four to five years include:

1. Active volcanism of Hawaii.
2. Carbonate formation in Florida and the Bahamas.
3. Tectonism and plutonism in the northeast Appalachians.

Trips to more distant localities (e.g., Italy, Alaska, India, England) have also been held. Scholarships are available that greatly reduce the cost to students.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

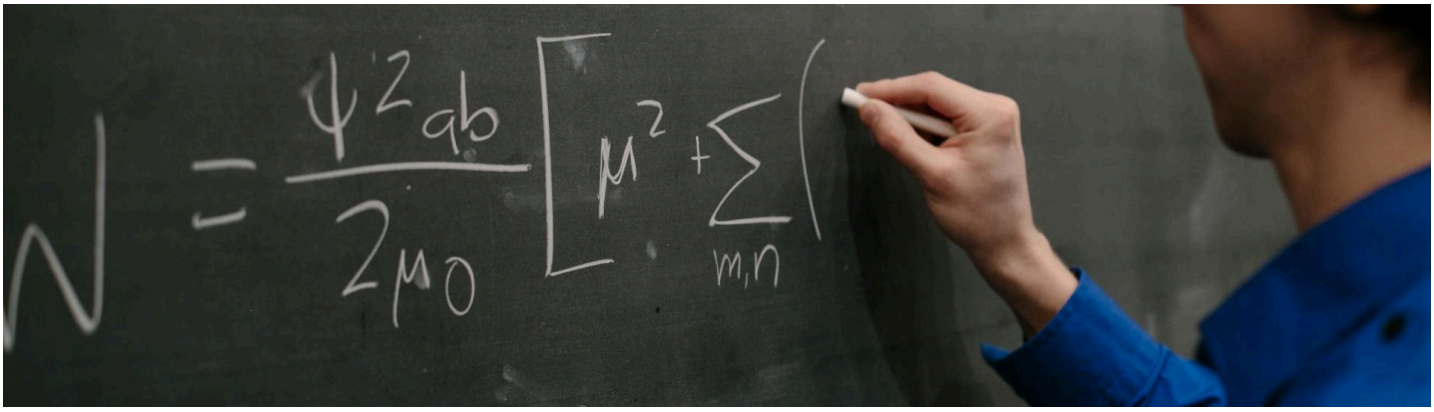
Geology (Minor)
Earth & Space Science Education (BS)
Geology (BS)
Geology Education (Minor)
Environmental Geology (BS)

Courses

GEOL 100 - Dinosaurs
GEOL 101 - Introduction to Geology
GEOL 102 - Geological Field Studies
GEOL 103 - Life of the Past
GEOL 105 - Diamonds and Gems
GEOL 107 - Water Planet
GEOL 108 - Climate and the Earth System
GEOL 109 - Geology of the Planets
GEOL 110 - Geological Science Laboratory
GEOL 111 - Physical Geology
GEOL 112 - Historical Geology
GEOL 113 - Historical Geology Lab
GEOL 210 - Field Studies
GEOL 230 - Earth Data Visualization
GEOL 320 - GIS Applications in Geology
GEOL 330 - Engineering Geology
GEOL 351 - Mineralogy
GEOL 352 - Petrology
GEOL 370 - Sedimentology and Stratigraphy
GEOL 375 - Structural Geology
GEOL 399R - Academic Internship
GEOL 405 - Applied Mathematics in the Geological Sciences
GEOL 411 - Geomorphology and Remote Sensing
GEOL 420 - Geological Field Methods
GEOL 421 - Geological Mapping
GEOL 422 - Geologic Writing
GEOL 430 - Senior Thesis
GEOL 435 - Groundwater
GEOL 440 - Solid Earth Geophysics
GEOL 445 - Geochemistry
GEOL 452 - Petrography to Petrogenesis
GEOL 460 - Economic and Resource Geology
GEOL 476 - Introduction to Seismic Interpretation
GEOL 477R - Secondary Minor Student Teaching
GEOL 480 - Paleontology
GEOL 490R - Exploratory Geophysics and Modeling
GEOL 490R - Topics in Geology
GEOL 490R - Advanced Sedimentology
GEOL 490R - Energy Systems
GEOL 490R - Planetary Seminar
GEOL 491R - Geology Seminar
GEOL 492R - Career Pathways Seminar
GEOL 497R - Geological Research
GEOL 500 - (Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
GEOL 502 - Job Search Strategies
GEOL 504R - Global Geology Field Studies
GEOL 506 - Paleoclimatology
GEOL 521 - Borehole Geophysics and Geology
GEOL 525 - Petroleum Systems Analysis
GEOL 530 - Advanced Earth Data Visualization
GEOL 531 - Geoscience Data Analysis
GEOL 535 - Contaminant Hydrogeology
GEOL 540 - Principles of Glaciology
GEOL 545 - Isotope Geochemistry-High Temperature Applications
GEOL 546 - Isotope Geochemistry-Low Temperature Applications
GEOL 550 - Environmental Soil Chemistry
GEOL 551 - Advanced Mineralogy
GEOL 552 - Igneous Petrology
GEOL 553 - Metamorphic Petrology

GEOL 555 - Volcanoes and Ore Deposits
GEOL 560 - Waveform Geophysics
GEOL 561 - Geophysical Field Methods
GEOL 565R - Special Topics in Geology
GEOL 571 - Sedimentology and Ecology of Modern Carbonate Systems
GEOL 574 - Advanced Stratigraphy
GEOL 575 - Advanced Structural Geology
GEOL 576 - Geophysical Data Processing-Modeling and Subsurface Imaging
GEOL 580 - Principles of Paleontology
GEOL 586 - Vertebrate Paleontology
GEOL 590R - Topics in Geology
GEOL 590R - Advanced Sedimentology
GEOL 590R - Energy Systems
GEOL 590R - Exploratory Geophysics and Modeling
GEOL 590R - Planetary Seminar
GEOL 591R - Seminar
GEOL 592R - Career Pathways Seminar
GEOL 599R - Academic Internship

Mathematics Department



Mathematics

Department of Mathematics

Administration

Chair: Michael Dorff

Department Information:

A-180 ESC

801-422-2061

office@mathematics.byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Programs

The degree programs in the Department of Mathematics are open enrollment.

The Discipline

Mathematics is a means of dealing with order, pattern, and number as seen in the world around us. The abilities to compute, to think logically, and to take a reasoned approach to solving problems are highly valued in society and are characteristics of any educated person. Mathematics is not just a body of knowledge, but a process of analysis, reasoning, comparison, deduction, generalization, and problem solving.

A mathematician's stock in trade is the ability to solve problems and to explain the solutions to others. Having once determined what the right questions are, solving problems involves analyzing both concrete and abstract situations, relating them to mathematical ideas, and using mathematical techniques to work toward solutions. Explaining the solution involves pointing out what has been solved and why the solution is valid.

Career Opportunities

Majors in mathematics (BS) prepare for a wide variety of careers. Some enter graduate school or professional schools and prepare for careers in such fields as college teaching, consulting, research and development, law, medicine, and business administration. Others take positions in government agencies, industrial laboratories, information management firms, or business organizations. All of them spend much time communicating with colleagues about the problems they are solving as they continue to learn more mathematics and share mathematical ideas with others.

General Information

Questions regarding placement should be directed to the Department of Mathematics, 275 TMCB.

1. It is recommended that a student complete the following courses in high school:
    - 4 units of English
    - 1 unit of physics or chemistry.
    - 4 units of mathematics, including 2.5 units of algebra, 1 unit of geometry, and .5 unit of trigonometry. This qualifies a student to begin college mathematics with Math 112. If calculus is available in high school, a student planning to major in mathematics is strongly encouraged to take it; doing so requires completing one of the preceding algebra units before high school.
    - Advanced Placement (AP) credit is available in mathematics as follows:
        - A score of 3 on the calculus AB exam gives credit in Math 110 and 111; a score of 4 or 5 on the calculus AB exam gives credit in Math 110 and 112.
        - A score of 3 on the calculus BC exam gives credit in Math 110 and 111; a score of 4 on the calculus BC exam gives credit in Math 110 and 112; a score of 5 on the calculus BC exam gives credit in Math 112 and 113.
        - An AP student without credit in Math 112 must begin with Math 112; an AP student without credit in Math 113 must begin with Math 112 or 113.
    - AP students should direct Educational Testing Service (ETS) to report scores to BYU to have credit posted.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

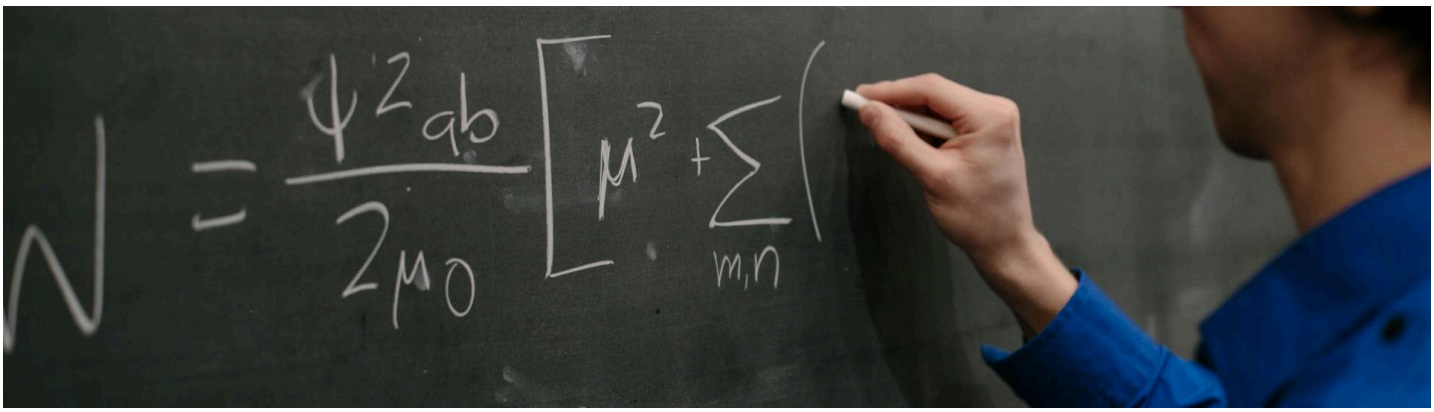
Mathematics (Minor)
Mathematics (BS)
Mathematics (BS): Applied and Computational Mathematics Emphasis

Courses

MATH 097 - Intermediate Algebra
MATH 102 - Quantitative Reasoning
MATH 109 - Precalculus
MATH 110 - College Algebra
MATH 111 - Trigonometry
MATH 112 - Calculus 1
MATH 113 - Calculus 2
MATH 116 - Essentials of Calculus
MATH 118 - Finite Mathematics
MATH 191 - Seminar in Mathematics 1
MATH 213 - Elementary Linear Algebra
MATH 215 - Computational Linear Algebra
MATH 290 - Fundamentals of Mathematics
MATH 300 - History and Philosophy of Mathematics

MATH 302 - Mathematics for Engineering 1
MATH 303 - Mathematics for Engineering 2
MATH 314 - Calculus of Several Variables
MATH 320 - Algorithm Design and Optimization 1
MATH 321 - Algorithm Design and Optimization 1 Laboratory
MATH 322 - Algorithm Design and Optimization 2
MATH 323 - Algorithm Design and Optimization 2 Laboratory
MATH 334 - Ordinary Differential Equations
MATH 341 - Theory of Analysis 1
MATH 342 - Theory of Analysis 2
MATH 344 - Mathematical Analysis 1
MATH 345 - Mathematical Analysis 1 Laboratory
MATH 346 - Mathematical Analysis 2
MATH 347 - Mathematical Analysis 2 Laboratory
MATH 350 - Combinatorics & Graph Theory
MATH 352 - Introduction to Complex Analysis
MATH 362 - Survey of Geometry
MATH 371 - Abstract Algebra 1.
MATH 372 - Abstract Algebra 2.
MATH 380 - Mathematical Foundations of Data Science
MATH 391R - Seminar in Mathematics
MATH 392 - Career Skills in Math
MATH 393 - Survey of Advanced Mathematics
MATH 399R - Academic Internship
MATH 402 - Modeling with Uncertainty and Data 1
MATH 403 - Modeling with Uncertainty and Data 1 Laboratory
MATH 404 - Modeling with Uncertainty and Data 2
MATH 405 - Modeling with Uncertainty and Data 2 Laboratory
MATH 406R - Topics in Mathematics
MATH 410 - Introduction to Numerical Methods
MATH 411 - Numerical Methods
MATH 413 - Advanced Linear Algebra
MATH 425 - Mathematical Biology
MATH 431 - Probability Theory
MATH 435 - Mathematical Finance
MATH 436 - Modeling with Dynamics and Control 1
MATH 437 - Modeling with Dynamics and Control 1 Laboratory
MATH 438 - Modeling with Dynamics and Control 2
MATH 439 - Modeling with Dynamics and Control 2 Laboratory
MATH 447 - Introduction to Partial Differential Equations
MATH 451 - Introduction to Topology
MATH 465 - Differential Geometry
MATH 473 - Group Representation Theory
MATH 485 - Mathematical Cryptography
MATH 487 - Number Theory
MATH 495R - Readings in Mathematics
MATH 500 - (Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math
MATH 502 - Job Search Strategies
MATH 510 - Numerical Methods for Linear Algebra
MATH 511 - Numerical Methods for Partial Differential Equations
MATH 513R - Advanced Topics in Applied Mathematics
MATH 521 - Classical Methods of Applied Mathematics
MATH 522 - Mathematical Foundations of Deep Learning
MATH 525 - Network Theory
MATH 532 - Complex Analysis
MATH 534 - Introduction to Dynamical Systems 1
MATH 536 - Applied Discrete Probability
MATH 540 - Linear Analysis
MATH 541 - Real Analysis
MATH 547 - Modeling and Analysis of Partial Differential Equations
MATH 553 - Foundations of Topology 1
MATH 554 - Foundations of Topology 2
MATH 561 - Introduction to Algebraic Geometry 1.
MATH 562 - Introduction to Algebraic Geometry 2.
MATH 565 - Differential Geometry
MATH 570 - Matrix Analysis
MATH 571 - Algebra 1
MATH 572 - Algebra 2
MATH 586 - Introduction to Algebraic Number Theory
MATH 587 - Introduction to Analytic Number Theory

Mathematics Education Department



Mathematics Education

Department of Mathematics Education

Administration

Chair: Dawn Teuscher

Department Information:

A-180 ESC.

801-422-1735

office@mathed.byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

Candidates for all teacher preparation programs are required to complete an application that includes core criteria for each program. Students interested in the Mathematics Education major can declare the Mathematics Education pre-major as soon as they are accepted into BYU. During the MthEd 276 course, students will complete an application (details of the application process will be provided in the course) to be formally admitted to the Mathematics Education major. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the undergraduate catalog.

The Discipline

Mathematics is the discipline through which we make sense of the order, patterns, and quantitative situations we perceive in the world around us. The foundational skills of this discipline—the abilities to formulate, focus, and solve problems; to articulate, test, and justify conjectures; to communicate one's reasoning about quantities and the relationships between them; and to see connections between different mathematical ideas and real-world contexts—are highly valued in society and are characteristics of any educated person. Mathematics is not only a body of knowledge but also a process of analysis, reasoning, comparison, deduction, generalization, and problem solving.

Mathematics educators depend heavily upon their own understanding of mathematics in order to identify and articulate the mathematical ideas they want students to learn, to assess which concepts their students already understand that might serve as a foundation for learning, and to develop activities that help students develop rich understandings. They also use their understanding of the nature of the discipline to structure a culture of inquiry, reasoning, and problem solving in their classrooms.

Courses in the undergraduate program are designed to help prospective teachers plan, manage, and implement classroom activities that facilitate students' learning of mathematics. Specific program goals include (1) mastery of the foundational skills of mathematics, (2) deep reflection on mathematics learning at all levels through observation of and participation in high-quality classroom practice, (3) increased autonomy and confidence as an investigator, active learner, and productive thinker, and (4) extended field experience, informed by the best current understanding.

Program faculty include educational and mathematical researchers, specialists in both preservice and inservice teacher education, and school practitioners, spanning a broad range of interest and experience.

Career Opportunities

Within Education: Majors in mathematics education prepare for careers in molding and shaping the future minds of the world. Majors prepare for jobs high in demand teaching mathematics at the middle and high school levels. The skills learned in math education set students apart in STEM fields, and the teaching skills gained will allow them facilitate meaningful mathematics learning. Outside the physical classroom, math education graduates can develop curriculum or educational software, and work in organizations that provide tutoring, online education or distance learning. Graduates are well positioned to pursue advanced degrees in order to facilitate professional development at the district and state administration levels or to qualify to teach higher education.

Outside of Education: Majors in mathematics education graduate with a broad background in advanced mathematics and mastery of essential communication skills. Graduates who choose to forego the traditional teaching route have found rewarding careers in business, computer programming, information technology, operations research, cryptography, finance and more. Not only are mathematics education graduates prepared to solve problems in these fields using their mathematical background, but their teaching experiences prepare them to be highly effective in communicating solutions to others.

General Information

It is recommended that a student complete the following courses in high school:

- 4 units of English.
- 1 unit of physics or chemistry.
- 4 units of mathematics, including 2.5 units of algebra, 1 unit of geometry, and .5 unit of trigonometry. This qualifies a student to begin college mathematics with Math 112. If calculus is available in high school, a student planning to major in mathematics education is strongly encouraged to take it; doing so requires completing one of the preceding algebra units before high school.
- Advanced Placement (AP) credit is available in mathematics as follows:
    - A score of 3 on the calculus AB exam gives credit in Math 110 and 111; a score of 4 or 5 on the calculus AB exam gives credit in Math 110 and 112.
    - A score of 3, 4, or 5 on the calculus BC exam gives credit in Math 112 and 113.
    - An AP student without credit in Math 112 must begin with Math 112; an AP student without credit in Math 113 must begin with Math 112 or 113.
    - AP students with credit in Math 113 are urged to begin with Math 113 anyway, unless they scored 5 on the calculus BC exam.
    - AP students should direct Educational Testing Service (ETS) to report scores to BYU to have credit posted.

Questions regarding placement should be directed to the Mathematics Education Department, 167 TMCB.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

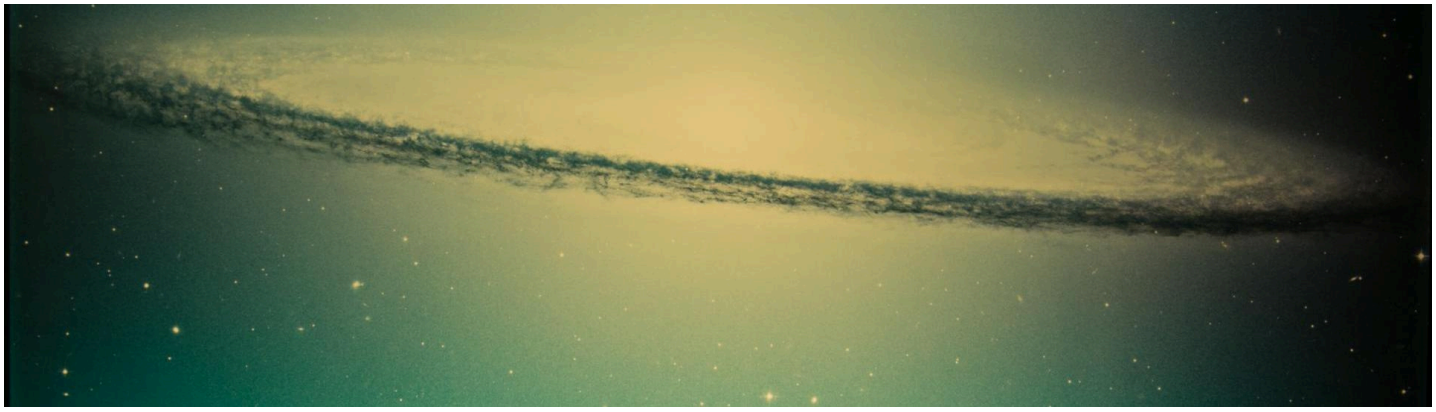
Mathematics Education (Minor)
Middle School Mathematics Teaching (Minor)
Mathematics Education (BS)

Courses

MTHED 101 - Introduction to Mathematics Education
MTHED 177 - Critical Review of School Mathematics
MTHED 276 - Exploration of Mathematics Teaching
MTHED 277 - Task Design for Student Learning
MTHED 278 - Assessment of Student Learning
MTHED 300 - History and Philosophy of Mathematics.
MTHED 301 - Teaching Statistics and Probability
MTHED 305 - Basic Concepts of Mathematics
MTHED 306 - Concepts of Mathematics
MTHED 308 - Mathematics Teaching with Technology
MTHED 362 - Survey of Geometry
MTHED 377 - Mathematics Teaching in the Public Schools
MTHED 378 - Practicum in Mathematics Education
MTHED 476 - Secondary Student Teaching in Mathematics
MTHED 477R - Secondary Minor Student Teaching
MTHED 495R - Readings in Mathematics Education
MTHED 496 - Academic Internship: Secondary Mathematics Education
MTHED 497R - Research in Mathematics Education

MTHED 500 - (MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors
MTHED 550 - Problem Solving
MTHED 562 - Euclidean Geometry: Content, Learning, and Teaching
MTHED 590 - Foundational Issues in Learning Mathematics
MTHED 591 - Scholarly Inquiry in Mathematics Education
MTHED 598R - Topics in Mathematics Education

Physics and Astronomy Department



Physics and Astronomy

Department of Physics and Astronomy

Administration

Chair: Robert Davis

Department Information:

N-283 ESC

801-422-4361

physics_office@byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Physics and Astronomy are open enrollment. However, special limitations apply for teaching majors.

The Discipline

Over the centuries physicists and astronomers have studied the principles that govern the structure and dynamics of matter and energy in the physical world, from subatomic particles to the cosmos. Physicists seek to expand human knowledge through experiment, theory, and computational methods, in fundamental areas such as acoustics, astronomy, atomic and molecular physics, biophysics, condensed matter physics, cosmology, medical physics, nanotechnology, nuclear physics, optics, particle physics, plasma physics, quantum mechanics, relativity, and thermodynamics. Physicists also apply this understanding to the development of new technologies. For example, physicists invented the first lasers, semiconductor electronic devices, and stereo sound.

Physics and astronomy students learn to approach complex problems in science and technology from a broad background in mechanics, electricity and magnetism, statistical and thermal physics, quantum mechanics, relativity, optics, and acoustics. The tools they develop at BYU include problem solving by mathematical and computational modeling, as well as experimental and observational discovery and analysis. All students gain professional experience via a research senior thesis, capstone project, internship project, or student teaching, usually in close association with a faculty member. Together these experiences can provide excellent preparation for employment or for graduate studies in physics, other sciences, engineering, medicine, law, or business.

Most physicists and astronomers work in research and development in industrial, government, or university labs to solve new problems in technology and science. They also share the beauty discovered in our physical universe by teaching in planetariums, high schools, colleges, and universities.

Career Opportunities

"More than most other majors, a physics degree is a passport into a broad range of science, engineering, and education careers." — Sloan Foundation

A degree in one of the physics-related majors can provide:

1. Preparation for those who intend to enter industrial or governmental service as engineers, technicians, physicists or astronomers.
2. Education for those who intend to pursue graduate work in physics or astronomy.
3. Education in the subject matter of physics for prospective teachers of the physical sciences. This is normally done through the Physics Teaching or Teaching Physical Sciences majors, the Physics Teaching minor, or Applied Physics major with a teaching emphasis.
4. Undergraduate education for those who will pursue graduate work in the professions: business (e.g., an MBA), law (especially patent law), medicine, medical physics, etc.
5. Science, technical, and research background for graduate school in engineering, biophysics, or physical sciences.
6. Physics fundamentals required by the biological science, medical, dental, nursing, and related programs.

For more information about careers for physics and astronomy majors, see Careers for Physics Majors.

General Information

1. It is recommended that a student complete the following courses in high school:
    - 3-4 units of English
    - At least 1 unit of physical science, either chemistry or physics (more is better)
    - 4 units of mathematics, consisting of algebra, geometry, trigonometry, and (if possible) calculus. This should qualify students to begin college mathematics with Math 113, Calc 2. Because mathematics provides the foundation for all work in the physical and mathematical sciences, high school preparation in this subject is of particular importance.
    - Students are encouraged to gain some experience in computer programming, which will help prepare them for various required computer programming and computational physics classes at BYU

2. Physics and Astronomy majors should generally take one mathematics class per semester, beginning the first semester of the freshman year, until their mathematics requirements are complete (i.e. through Math 303 or 334). Most physics majors begin with Math 113. If calculus was not studied in high school, students can take Math 112 concurrently with Phscs 121 during the fall semester of their freshman year; then continue with Math 113 in winter semester.

3. All Physics and Astronomy majors are assigned a faculty mentor to be their academic advisor, with whom they must meet at least once per year.

Scholarships

Various departmental scholarships are available for students in Physics and Astronomy. Both academic record and financial need are taken into account. Preference is often given to students who are farther along in the major, so generally students must be at the sophomore level or above for their applications to be competitive. For more information see the Physics Scholarships page.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Physics (Minor)

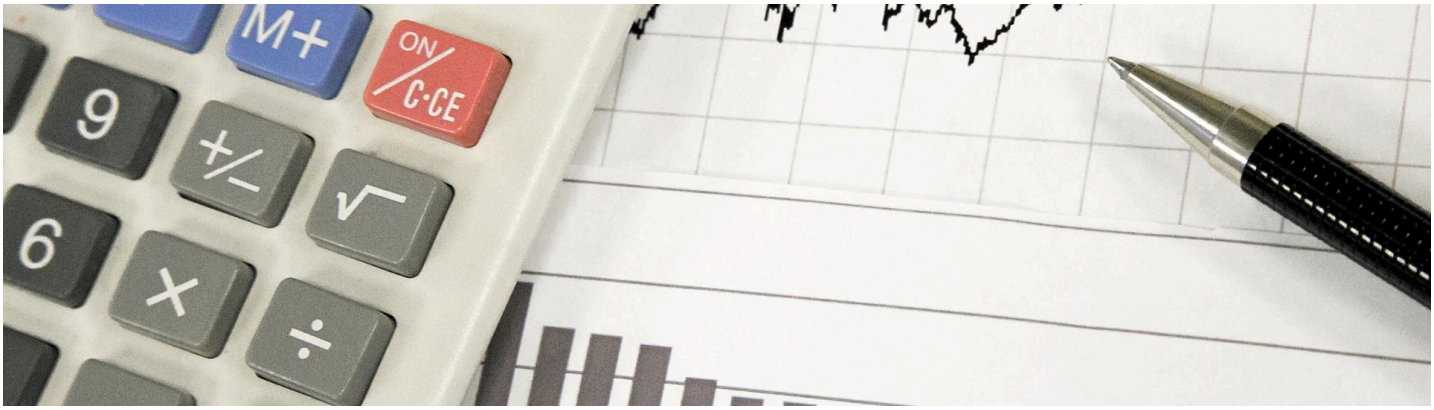
Physics Education (Minor)

Astronomy (Minor)
Physics (BS)
Applied Physics (BS)
Physics Education (BS)
Physics and Astronomy (BS)
Applied Physics (BS): Acoustics Emphasis
Applied Physics (BS): Data Science Emphasis

Courses

PHSCS 101 - Basic Physics
PHSCS 105 - General Physics 1
PHSCS 106 - General Physics 2
PHSCS 107 - General Physics Lab 1
PHSCS 108 - General Physics Lab 2
PHSCS 121 - Introduction to Newtonian Mechanics
PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
PHSCS 127 - Descriptive Astronomy
PHSCS 137 - Energy, Climate, and the Environment
PHSCS 145 - Experimental Methods in Physics
PHSCS 167 - Descriptive Acoustics of Music and Speech
PHSCS 191 - Introduction to Physics Careers and Research 1
PHSCS 198 - Physics and Mathematics Review
PHSCS 220 - Introduction to Electricity and Magnetism
PHSCS 222 - Modern Physics
PHSCS 225 - Introduction to Experimental Physics
PHSCS 227 - Planetary and Stellar Astrophysics
PHSCS 228 - Stellar and Extragalactic Astronomy
PHSCS 230 - Computational Physics Lab 1
PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus
PHSCS 245 - Experiments in Contemporary Physics
PHSCS 281 - Principles of Solid State Physics
PHSCS 291 - Introduction to Physics Careers and Research 2
PHSCS 297R - Introduction to Research
PHSCS 310 - Physics By Inquiry: Mechanics
PHSCS 311 - Physics By Inquiry: Electricity
PHSCS 313R - Special Topics in Physics
PHSCS 318 - Introduction to Mathematical Physics
PHSCS 321 - Mechanics
PHSCS 329 - Observational Astronomy
PHSCS 330 - Computational Physics Lab 2
PHSCS 360 - Statistical and Thermal Physics
PHSCS 383 - Physical Reasoning with Data
PHSCS 391R - Seminar in Current Physics
PHSCS 399R - Academic Internship
PHSCS 416 - Writing in Physics
PHSCS 427 - Stellar Astrophysics
PHSCS 428 - Galaxies and Cosmology
PHSCS 430 - Computational Physics Lab 3
PHSCS 441 - Electricity and Magnetism
PHSCS 442 - Electrodynamics
PHSCS 451 - Quantum Mechanics
PHSCS 452 - Applications of Quantum Mechanics
PHSCS 461 - (Phscs-Me En) Introduction to Acoustics
PHSCS 471 - Principles of Optics
PHSCS 477R - Secondary Minor Student Teaching
PHSCS 492R - Capstone Project in Applied Physics
PHSCS 497R - Research in Physics
PHSCS 498R - Senior Thesis
PHSCS 500 - (Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math
PHSCS 502 - Job Search Strategies
PHSCS 513R - Special Topics in Contemporary Physics
PHSCS 522 - Introduction to Elementary Particles Physics
PHSCS 529 - Advanced Observational Astronomy
PHSCS530 - Computational Physics
PHSCS 540 - Electrical Engineering Principles and Practices for Physicists
PHSCS 545 - Introduction to Plasma Physics
PHSCS 560 - Acoustical Measurement Methods
PHSCS 561 - (Phscs-Me En) Fundamentals of Acoustics.
PHSCS 571 - Lasers and Atoms
PHSCS 580 - Theory of Predictive Modeling
PHSCS 581 - Solid-State Physics
PHSCS 583 - Physics of Nanostructures, Surfaces, and Interfaces
PHSCS 585 - Thin-Film Physics
PHSCS 586 - Transmission Electron Microscopy for Physical Science and Engineering
PHSCS 587 - Physics of Semiconductor Devices
PHSCS 588 - Scanning Electron Microscopy (SEM) for Physical Science and Engineering
PHSCS 599R - Academic Internship
PHY S 312 - Teaching Science with Technology

Statistics Department



Statistics

Department of Statistics

Administration

Chair: David Dahl

Department Information:

2152 WVB

801-422-4505

statsec@stat.byu.edu

WEBSITE

Advisement Center:

N-181 ESC

801-422-2674

science.math.advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Statistics, except Actuarial Science, are open enrollment. To major in Actuarial Science, a student must pass one exam of the Society of Actuaries (SOA), often Exam FM, before declaring an actuarial science major.

The Discipline

Statisticians help determine the sampling and data collection methods, monitor the execution of the study and the processing of data, and advise on the strengths and limitations of the results. They must understand the nature of uncertainties and be able to draw conclusions in the context of particular statistical applications.

Actuaries are business professionals who analyze the financial consequences of risk. Actuaries use statistics, mathematics, and financial theory to study uncertain future events, especially those of concern to insurance and pension programs. They evaluate the likelihood of those events and design creative ways to reduce the likelihood and decrease the impact of adverse events that actually do occur. Their work requires a combination of strong analytical skills, business knowledge, and understanding of human behavior to design and manage programs that control risk.

Career Opportunities

The curriculum and degrees offered through the Department of Statistics are designed to equip students with decision-making skills for careers as professional statisticians in industrial organizations, government agencies, insurance companies, pharmaceutical companies, universities, and research institutes. The technical tools statisticians acquire are useful in many areas, and for this reason a statistics degree is also excellent preparation for professional programs in business administration, medicine, law, and public administration.

General Information

1. It is recommended that a student complete the following courses in high school:
    - 3 units of English.
    - 1 unit of physical science, either chemistry or physics.
    - 4 units of mathematics, consisting of 2.5 units of algebra, 1 unit of geometry, and 0.5 unit of trigonometry. This should qualify students to begin college mathematics with Math 112, analytic geometry and calculus.
        - Because mathematics provides the foundation for all work in the physical and mathematical sciences, particular attention is paid to high school preparation in this subject.
2. Students are encouraged to complete 15 credit hours each semester. Taking fewer credits substantially increases the cost and the number of semesters to graduate.
3. An integrated BS/MS program is available. This program allows Statistics students from all statistics emphases to receive their bachelor's and master's degree in five years of schooling. It is available to students who have taken Math 112, Math 113, Math 213, Math 215, Math 314, Stat 230, Stat, 240, Stat 330 and Stat 340 and have less than 6 credits left until completion of the bachelor's degree. Interested students must complete a department application by February 1 for admission the following Fall semester.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

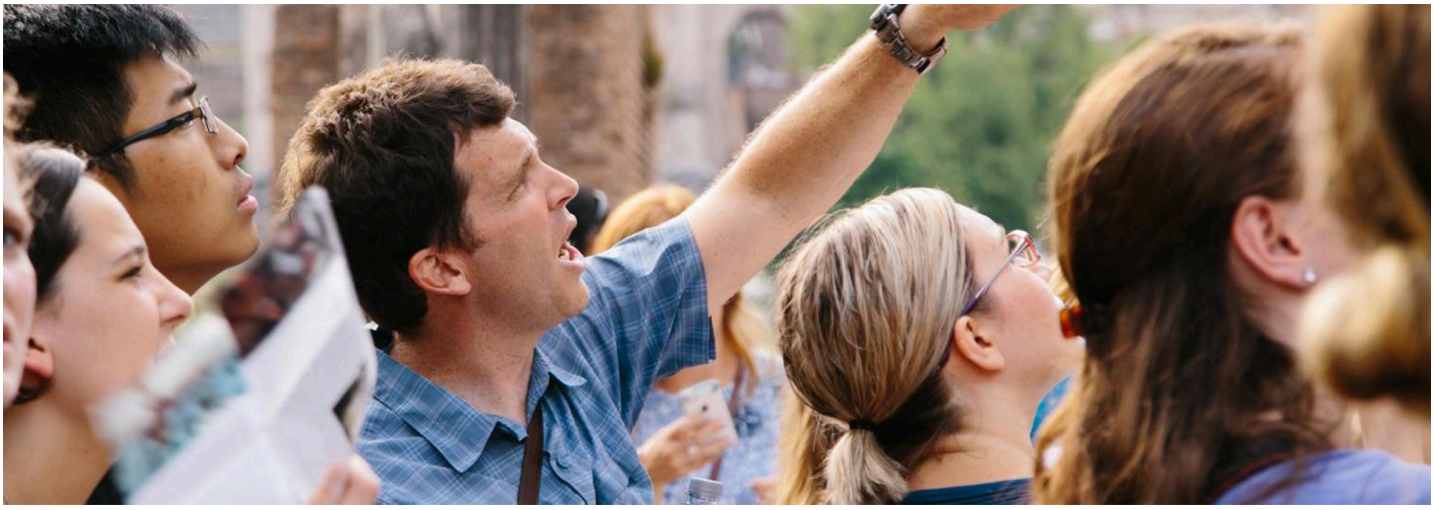
Statistics (Minor)
Data Science (BS)
Statistics (BS): Statistical Science Emphasis
Actuarial Science (BS)
Statistics (BS): Biostatistics Emphasis
Statistics (BS): Applied Statistics & Analytics Emphasis
Statistics (BS): Data Science Emphasis

Courses

DS 115 - Data Science Majors and Careers
DS 180 - Introduction to Data Science
STAT 105 - Introduction to Statistics
STAT 121 - Introduction to Statistical Data Analysis
STAT 124 - SAS Base Programming Skills
STAT 130 - Introduction to the Department of Statistics
STAT 199R - Academic Internship
STAT 201 - Statistics for Engineers and Scientists
STAT 220 - Statistical Modeling for Data Science
STAT 224 - Applied SAS Programming
STAT 230 - Statistical Modeling 1
STAT 234 - Methods of Survey Sampling
STAT 240 - Probability and Inference 1
STAT 250 - Applied R Programming
STAT 251 - Introduction to Bayesian Statistics
STAT 274 - Theory of Interest
STAT 281 - Data Visualization
STAT 286 - Data Science Ecosystems
STAT 330 - Statistical Modeling 2
STAT 340 - Probability and Inference 2
STAT 344 - Foundations of Long-term Actuarial Mathematics
STAT 346 - Foundations of Short-term Actuarial Mathematics
STAT 372 - Actuarial Problems
STAT 381 - Statistical Modeling in Cloud Computing Environments
STAT 386 - Data Science Process
STAT 390 - Data Science Ethics
STAT 395R - Special Topics in Applied Statistics
STAT 430 - Statistical Modeling 3
STAT 435 - Nonparametric Statistical Methods
STAT 437 - Applications in Biostatistics
STAT 444 - Advanced Long-term Actuarial Mathematics
STAT 446 - Advanced Short-term Actuarial Mathematics
STAT 448 - Predictive Analytics
STAT 451 - Applied Bayesian Statistics
STAT 466 - Bayesian Reliability
STAT 469 - Analysis of Correlated Data
STAT 482 - Data Science Capstone 1
STAT 483 - Data Science Capstone 2
STAT 486 - Machine Learning
STAT 487 - Deep Learning
STAT 495R - Special Topics in Statistics
STAT 496R - Academic Internship: Statistics
STAT 497R - Introduction to Statistical Research
STAT 500 - (Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math
STAT 502 - Job Search Strategies

STAT 511 - Statistical Methods for Research 1
STAT 512 - Statistical Methods for Research 2
STAT 530 - Applied Regression and Generalized Linear Models
STAT 531 - Experimental Design and Causal Inference
STAT 537 - Mixed Model Methods
STAT 538 - Survival Analysis
STAT 586 - Statistical and Machine Learning
STAT 590R - Statistical Consulting
STAT 591R - Graduate Seminar in Statistics
STAT 595R - Quality Methods
STAT 595R - Special Topics in Statistics
STAT 595R - Sampling Practicum
STAT 595R - Statistical Computations
STAT 595R - Theory of Risk
STAT 595R - Biostatistical Methods.
STAT 595R - Expert Systems in Statistics
STAT 599R - Academic Internship: Statistics

Anthropology Department



Anthropology

Department of Anthropology

Administration

Chair: Mike Searcy

Department Information:

800 KMBL

801-422-3058

anthropology@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All undergraduate degree programs in the Department of Anthropology are open enrollment.

The Discipline

Anthropology's central aims are to describe, interpret, and make meaningful human behavior in sociocultural systems. Anthropology also seeks to explain the similarities and differences in human behavior patterns among all peoples and cultures, both in the present and the past. Social and cultural anthropology study human society in the present, using participant-observation, interviewing, and other techniques to understand the full round of life in a single culture, subculture, or multicultural system. Archaeology provides methods for learning about the world's peoples who are no longer living; thus it is an important part of the anthropological family of special skills and interests. Museum Studies integrates the above skills with the management, curation, research, and display of museum-quality ethnographic and archaeological collections in professional museum settings.

Career Opportunities

Distinctive contributions are made by both anthropology and archaeology majors, and therefore jobs are available wherever social and cultural differences or social system complexities exist. International development, social services, businesses, schools, development projects, medicine, and law all offer significant careers. Recent concern with environmental protection has opened up others. University teaching and research positions are limited in growth, but highly qualified students can find positions after obtaining the PhD.

For archaeology majors, both legal and societal interest in understanding and preserving the past have resulted in increased job opportunities in state and national agencies required to observe recent preservation laws and in private corporations serving this end. Archaeologists working in international regions are not only employable in scholastic venues of teaching and research, but also in international heritage site development.

For those students interested in combining Museum Studies courses with anthropology, employment opportunities exist in many collections-related venues including museums, libraries, and research institutes that rely on maintaining large collections of specimens for scholarly use.

General Information

1. Each student wishing to major in anthropology should arrange through the college advisement center to counsel with an advisor and prepare a proposed sequence of study. Following this, the student should meet with the assigned faculty advisor for final approval of the program.
2. Undergraduate students are allowed some, but not excessive, specialization.
3. All degrees are in the field of anthropology.

Special Opportunities for Field Study

The department offers a number of unique curriculum and field study opportunities. Selected courses are regularly counted toward BYU's major. Consult with the department chair or your faculty advisor about equivalencies.

Archaeology students complete their requirement in the field school typically held in conjunction with an ongoing, local (Utah) research project and occasionally in more exotic settings (Jordan).

Sociocultural faculty rotate leading ethnographic field schools abroad in India, Latin America, Africa, and Southeast Asia.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Anthropology (Minor)
Anthropology: Cultural Emphasis (Secondary Major) (BA)
Anthropology (BA): Archaeology Emphasis
Anthropology (BA): Cultural Emphasis

Courses

ANTHR 101 - Culture and Human Experience
ANTHR 103 - Archaeology Field Trip
ANTHR 110 - Discovering Archaeology
ANTHR 120 - Biological Anthropology
ANTHR 150 - Introduction to the Major
ANTHR 209 - Intercultural Communication
ANTHR 215 - Archaeological Method and Theory
ANTHR 239 - Intro to Medical/Psychological Anthropology

ANTHR 247 - Applied Anthropology
ANTHR 301 - Human Osteology
ANTHR 304 - Foundations of Social Theory.
ANTHR 305 - Foundations of Anthropological Theory
ANTHR 311 - Museums and Cultures
ANTHR 314 - Museum Registration and Legal/Ethical Issues
ANTHR 327 - The Hmong Diaspora: Culture, History, and Language
ANTHR 328 - Andean South America
ANTHR 330 - Peoples of Africa
ANTHR 340 - Peoples of the Middle East
ANTHR 341 - Ethnonationalism and Southeast Asia
ANTHR 342 - Disease and Society
ANTHR 344 - Culture, Language, and History of Korea
ANTHR 345 - American Culture
ANTHR 350 - Archaeological Cultures of North America
ANTHR 351 - Archaeology and the Bible
ANTHR 355 - Mesoamerican Archaeology
ANTHR 366 - The End of the World (As We Know It)
ANTHR 370 - Community-Based Research
ANTHR 375 - Archaeology of Egypt
ANTHR 376 - Archaeology of the Ancient Aegean and Greece
ANTHR 377 - Archaeology of Roman Civilization
ANTHR 378 - Near Eastern Archaeology
ANTHR 379 - Archaeology of Islam
ANTHR 385 - Archaeology of Europe
ANTHR 390R - Special Topics in Regional Anthropology
ANTHR 402 - Quantitative Methods for Anthropology
ANTHR 404 - Historical Anthropology
ANTHR 405 - Archaeological Science
ANTHR 406 - Digital Archaeology
ANTHR 407 - Multispecies Sociality
ANTHR 409 - Advanced Linguistic Anthropology
ANTHR 410 - Ethnoarchaeology
ANTHR 412 - Museum Collections Management
ANTHR 414 - Museum Projects
ANTHR 420 - Visual and Sonic Anthropology
ANTHR 430 - Anthropology of Religion
ANTHR 431 - Kinship, Race and Gender
ANTHR 432 - Economic and Political Institutions
ANTHR 436 - Symbolic Anthropology
ANTHR 439 - Advanced Medical/Psych Anthr
ANTHR 442 - Ethnographic Research Design and Methods
ANTHR 450 - Anthropology Seminar
ANTHR 454 - Field School Preparation
ANTHR 455 - Field School of Archaeology
ANTHR 456 - Lab Skills for Anthropology
ANTHR 490R - Special Topics
ANTHR 490R - Special Topics in Anthropology
ANTHR 495R - Ethnographic Field Project
ANTHR 496R - Academic Internship: Research
ANTHR 497 - Directed Readings
ANTHR 498R - Directed Research
ANTHR 499 - Senior Thesis
ANTHR 503 - Contemporary Anthropological Theory
ANTHR 512 - Heritage Resource Management
ANTHR 522 - Museum Practices and Technologies
ANTHR 524 - Museology: Curation and Writing
ANTHR 526 - Museum Exhibitions and Programming
ANTHR 530 - Great Basin Archaeology
ANTHR 535 - Southwest Seminar
ANTHR 543 - Ethnographic Data Analysis
ANTHR 580 - Near East Seminar

Geography Department



Geography

Department of Geography

Administration

Chair: Daniel Howard Olsen

Department Information:

690 KMBL

801-422-5386

geography@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Geography are open enrollment.

The Discipline

Geography offers a variety of programs centered around spatial analysis and tailored to meet the future needs of individual students. Our modern computer laboratory allows students to gain practical experience with geographical information systems (GIS), remote sensing, cartography, and other programs in urban and regional planning, travel, and population studies.

Career Opportunities

Graduates are employed in a wide range of private and governmental positions. Job titles include geographer; teacher of geography; city or regional planner; cartographer; photo interpreter; commodities and industrial location analyst; intelligence, travel industry, or environmental and GIS specialist; and many others.

Skills in spatial analysis make geography a valuable minor or supporting field for many other disciplines.

General Information

1. The Department of Geography offers one major with six emphases. The emphases are designed to enable students to gain an appreciation of our world as well as prepare them for either a career or graduate school. All students are required to take a set of core courses that emphasize basic geographic concepts and ways of knowing that are common to all six emphases. These courses prepare students for specialization in upper-division courses.

   Geography at Brigham Young University focuses on our interdependent world: the spatial relationships between the physical landscape, diverse societies,

and current events. The major nourishes a sense of curiosity about the world around us, a desire to serve our local and global communities, and the skills necessary to solve significant problems that are inherently spatial.

Hundreds of students major in geography to prepare for a professional career, for graduate study, or because of an interest in exploring and understanding the world around them. We emphasize both technical and critical thinking skills, including geographic information systems (GIS) and remote sensing, statistics, data collection, interpretation, and communication using the written and spoken word and visual data display (maps, charts, and graphs).

2. All students admitted to one of the geography majors listed above should complete the following core courses within one year of declaring a major: Geog 100, 101, 110, 120, 130, 211, 222.
3. Exit assessment: Students must complete an exit assessment during their final semester no later than one month before graduating. The assessment is meant to evaluate the department's program goals and student learning outcomes. Although the assessment is a formal requirement, the results are anonymous and will not be part of the student's academic records.

Graduation Requirements

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

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

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

Programs

Geospatial Science & Technology (Minor)
Global Studies (Minor)
Geography Teaching (Minor)
Tourism Studies (Minor)
Urban & Regional Planning (Minor)
Geography (BS): Tourism Development Emphasis
Geography (BS): Geospatial Science & Technology Emphasis
Geography (BS): Environment and Society Emphasis
Geography (BS): Global Studies Emphasis
Geography (BS): Urban & Regional Planning Emphasis
Geography (BS): Geospatial Intelligence Emphasis

Courses

GEOG 100 - The Geographic Approach
GEOG 101 - Global Environment: Understanding Physical Geography
GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards
GEOG 120 - Geography and World Affairs
GEOG 130 - Introduction to Human Geography
GEOG 210 - Introduction to Urban and Regional Planning
GEOG 211 - Mapping Your World
GEOG 212 - Introduction to Geographic Information Systems
GEOG 217 - Programming for Geographers I
GEOG 222 - Statistics for Geographers 1
GEOG 245 - Geography of Utah
GEOG 250 - United States and Canada
GEOG 255 - Middle and South America
GEOG 260 - Europe
GEOG 265 - Russia and the Former Soviet Union
GEOG 271 - Middle East
GEOG 272 - East Asia
GEOG 273 - Southeast Asia
GEOG 280 - The Pacific Islands
GEOG 285 - Africa South of the Sahara
GEOG 303 - Biogeography
GEOG 304 - Climate and Society
GEOG 305 - Geography of Landforms
GEOG 306 - Public Lands: Planning & Management
GEOG 307 - Spatial Analysis of Environmental Data
GEOG 311 - Intermediate Geographic Information Systems
GEOG 312 - Cartographic Design
GEOG 313 - Remote Sensing 1
GEOG 317 - Programming for Geographers II
GEOG 322 - Statistics for Geographers 2.
GEOG 331 - Economic Geography
GEOG 336 - Urban Geography
GEOG 341 - Political Geography
GEOG 346 - Population Geography
GEOG 347 - Geography of Tourism
GEOG 348 - International Perspectives on Tourism
GEOG 349 - Global Adventure Travel
GEOG 350 - Sustainable Tourism Planning & Development
GEOG 353 - Heritage and Cultural Tourism
GEOG 399R - Academic Internship
GEOG 410 - Urban Planning Methods
GEOG 411 - Issues in Computer Cartography
GEOG 412 - Advanced Geographic Information Systems
GEOG 413 - Remote Sensing 2
GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing
GEOG 415R - Geographic Field Methods
GEOG 421 - Urban Planning Law
GEOG 422 - Principles of Urban Design
GEOG 423 - Planning for Unique and Sensitive Lands
GEOG 424 - Urban Transportation Planning
GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.
GEOG 442 - Seminar in Geography and Geospatial Intelligence 2
GEOG 477R - Secondary Minor Student Teaching
GEOG 487 - Environment and Society: A Geographic Perspective

GEOG 489 - Geographic Approaches to Contemporary Issues
GEOG 493R - Special Problems
GEOG 495R - Mentored Research
GEOG 503 - Geographic Information Systems
GEOG 510 - Professional Planning Studio
GEOG 521R - Geographic Information Practicum

Family Life Department



Family Life

School of Family Life

Administration

Director: Brian Willoughby
Associate Director: Jeremy B Yorgason
Associate Director: Chris Porter

Department Information:

2086 JFSB

801-422-2069

sfl@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

The School of Family Life is committed to enhancing the quality of life of individuals and families within homes and communities. Accordingly, the mission of the school is to:

- Provide instruction that fosters commitment to the principles in *The Family: A Proclamation to the World*.
- Conduct research that contributes to the understanding and enhancement of human development, temporal well-being in the home, marriage and family relationships.
- Help students develop the attitudes, beliefs, behaviors, and skills that characterize persons of positive influence—in their own marriage and families, in their professions, in church and public service, and in other personal relationships.

Admission to Degree Program

All degree programs in the School of Family Life are open enrollment.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

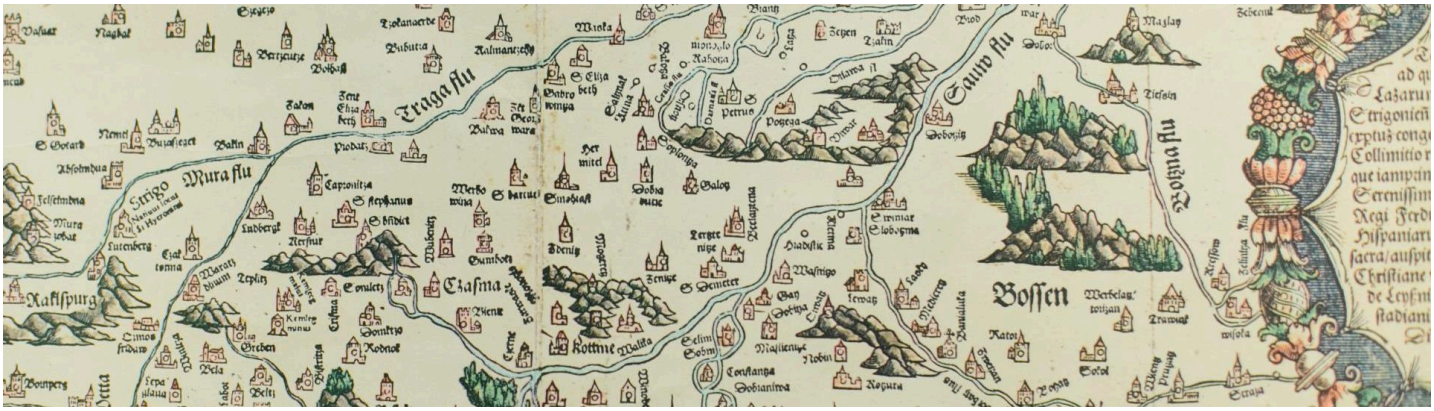
Family Life (Minor)
General Studies (BGS): Family Life Emphasis
Family & Consumer Sciences Education (BS)
Family Life (BS): Human Development Emphasis
Family Life (BS): Family Studies Emphasis
Family & Consumer Sciences Education (Minor)

Courses

MFHD 501R - Workshop in Marriage, Family, and Human Development.
MFHD 511 - Familial Influences on Children's Social Development.
MFHD 512 - Emotional and Moral Development
MFHD 513 - Applied Statistics in the Social Sciences
MFHD 514 - Theories of Human Development and Family Science
MFHD 542 - Work and Family
MFHD 550 - (MFHD-Soc) Contemporary Family Theories
MFHD 551 - Fathering: Scholarship and Intervention
MFHD 566 - Family Life Education in the University
MFHD 567R - Practicum in Family Life Education
MFHD 595R - Outreach in Family
MFHD 595R - Special Topics in Marriage, Family, and Human Development
MFT 501R - Workshop in Marriage and Family Therapy
MFT 590R - Readings in Marriage and Family Therapy
MFT 595R - Special Topics in Marriage and Family Therapy
SFL 100 - Strengthening Marriage and Family: Proclamation Principles and Scholarship
SFL 101 - Introduction to School of Family Life
SFL 102 - Introduction to Interiors
SFL 110 - Food Preparation in the Home
SFL 160 - Introduction to Family Processes
SFL 185R - Basic Sewing Techniques
SFL 200 - Strengthening Marriage and Family
SFL 202 - Design in the Home
SFL 205 - Home and Family Living
SFL 210 - Human Development
SFL 215 - Advanced Food Preparation
SFL 221 - Foundations of Developmentally Appropriate Practices in Programs for Young Children
SFL 222 - Practicum in Developmentally Appropriate Practices
SFL 223 - Preparation for Marriage
SFL 230 - Housing the Family
SFL 240 - Parenting and Child Guidance
SFL 260 - Family Finance
SFL 261 - Consumerism and the Marketplace for Secondary Teachers
SFL 276R - Exploration of Teaching: Family and Consumer Sciences
SFL 280 - Dynamics of Clothing
SFL 287 - Intermediate Sewing Techniques
SFL 290 - Critical Inquiry and Research Methods
SFL 305 - Applied Statistics & Data Management
SFL 306 - Pediatric Bereavement, Death and Dying
SFL 315 - Effective Writing & Presenting
SFL 325 - Marital Relationships: Theory and Research
SFL 328 - History of Interior Design and Architecture 1
SFL 329 - History of Interior Design and Architecture 2
SFL 330 - Preprofessional Preparation for Marriage and Family Therapy
SFL 331 - Infant Development in the Family
SFL 333 - Adolescent Development in the Family and Other Social Contexts.
SFL 334 - Adult Development and Aging in the Family
SFL 335 - Family Adaptation and Resiliency
SFL 336 - Theories in Family Perspective
SFL 340 - Family Meal Management
SFL 345 - Family Life in World Religions
SFL 351 - Social Development
SFL 352 - Perception, Cognition, & Language Development
SFL 354 - Cross-Cultural Family and Human Development
SFL 356 - Exploring Gender Development in Families
SFL 357 - Therapeutic Play Foundations
SFL 358 - Media, Family, and Human Development
SFL 359 - Child Life in Healthcare Settings
SFL 371 - Teaching with Technology in Family and Consumer Sciences Education
SFL 376 - Healthy Sexuality in Marriage
SFL 377 - Teaching Methods and Instruction in Family and Consumer Sciences Education
SFL 378 - Practicum in Secondary Education
SFL 379 - Classroom Management and Lab Safety
SFL 380 - History of Apparel
SFL 382 - Textiles
SFL 387 - Advanced Sewing Studies: Patternmaking
SFL 393R - Special Projects in Advanced Clothing Construction
SFL 395R - Special Topics in Family Life
SFL 399R - Academic Internship
SFL 400 - Addiction, Recovery, Healing in Marriage and Families
SFL 401 - Helping Relationships
SFL 403R - Research/Creative Works Practicum
SFL 420 - Administering Programs for Young Children
SFL 449 - Biological Foundations of Human Development
SFL 453 - Moral Development

SFL 460 - Advanced Family Processes
SFL 461 - The Family and the Law
SFL 465 - Marital and Family Therapy/Enrichment Techniques
SFL 476 - Secondary Student Teaching - Consumer Science
SFL 487 - Advanced Sewing Studies: Construction
SFL 488R - Home-Based Entrepreneurs
SFL 489 - The Family and Public Policy
SFL 490 - Advanced Issues in Human Development
SFL 496R - Academic Internship: Family and Consumer Sciences Education
SFL 498 - Family Life Education: Integrating Theory, Research, and Practice

History Department



History

Department of History

Administration

Chair: Spencer Fluhman

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WEBSITE

Advisement Center:

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FACULTY

Admission to Degree Program

All degree programs in the Department of History are open enrollment. However, special limitations apply for teaching majors.

The Discipline

History stands at the heart of a liberal arts bridge between the humanities and social sciences. Historical understanding is thus basic to the life of an educated human being. As such, it is the ideal major for the student who wants the broad educational background for entrance into professions such as law, government service, or business, or who wants a liberal arts education. History can also be valuable training for someone who plans to teach.

Career Opportunities

In recognition of the broad range of uses to which historical education can be put, the field of public history has emerged in recent years. Today people whom others would consider bankers, lawyers, corporate executives, or public servants view themselves as historians—public historians. They are the people with analytical skills provided by their historical education who work outside the university but who consider themselves historians by virtue of the value of the training they have received. A significant percentage of the jobs listed by firms and agencies with BYU's Employment Office specify no major. Many of these will be taken by public historians anxious to serve their employers with the valuable skills learned in their history major.

Graduation Requirements

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

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

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

Programs

Social Science Teaching (BS)
Family History - Genealogy (Minor)
History (Minor)
History Teaching (Minor)
History (BA)
History Teaching (BA)
Family History - Genealogy (BA)
General Studies (BGS): History Emphasis
American Indian Studies (Minor)

Courses

HIST 190 - Thetean Production
HIST 200 - The Historian's Craft.
HIST 201 - World Civilization to 1500
HIST 202 - World Civilization from 1500
HIST 205 - Introduction to Family History Doctrine and Practice
HIST 206R - Regional and Thematic Studies in Family History
HIST 217 - The Family Historian's Craft
HIST 218 - The Family and the Law in American History
HIST 220 - The United States Through 1877
HIST 221 - The United States Since 1877
HIST 231 - Introduction to East Asian History
HIST 232 - Introduction to the History of Christianity
HIST 238 - Ancient Near East to 330 BC
HIST 239 - Ancient Near East, 330 BC - 640 AD
HIST 240 - Middle East History to 1800
HIST 241 - Middle East History from 1800
HIST 242R - (Hist-NES 347R) Arab and Islamic Civilization.
HIST 243R - (Hist-NES 349R) Jewish Civilization.
HIST 244 - Jewish History: A.D. 70 to the Present
HIST 250 - Europe 1500 to the Present
HIST 251 - Conquest and Colonization of Latin America.
HIST 252 - Modern Latin America
HIST 253 - Religion in Colonial Latin America
HIST 260 - Early Africa
HIST 261 - Modern Africa
HIST 276 - Exploration of Teaching - Social Science
HIST 280 - Northern US Family History Research and Methodology
HIST 281 - Southern US Family History Research and Methodology
HIST 282 - Colonial North American Family History Research and Methodology
HIST 283 - British Family History Research and Methodology
HIST 284 - German Family History Research and Methodology
HIST 285 - Scandinavian Family History Research and Methodology
HIST 286 - Southern European and Latin American Family History Research and Methodology
HIST 287 - Eastern European Family History Research and Methodology
HIST 288R - Women in a Changing World
HIST 289 - Citizen Nation
HIST 290 - Nature and History: The Earth's Environmental Past
HIST 292 - Food and History
HIST 293 - World War II in History and Memory
HIST 294 - The Age of the French Revolution
HIST 296 - African American Family History Research and Methodology
HIST 298 - Digital History
HIST 299R - Academic Internship
HIST 300 - The Early Middle Ages
HIST 301 - The Late Middle Ages.
HIST 302 - The Italian Renaissance
HIST 303 - The Reformation: Age of Turmoil
HIST 305 - The Age of Enlightenment
HIST 306 - Nineteenth-Century Europe
HIST 307 - Europe Since 1914
HIST 308 - History of the Mediterranean Sea
HIST 309 - European Revolutions Since 1500
HIST 310 - The Automotive Age: History, Technology, Culture, and Environment
HIST 311 - The History of Film, Radio, and Television
HIST 312 - History of Ideas
HIST 313 - Strategy in Peace and War
HIST 314 - Fascism and Nazism in Europe, 1914-present
HIST 315 - European Jews and the Holocaust
HIST 317 - Terrorism and Counterterrorism
HIST 318 - European Women's History
HIST 319 - The Family in Europe
HIST 322 - Pre-Modern Britain
HIST 323 - Modern Britain

HIST 325 - Spain
HIST 326 - The History of Mexico
HIST 327 - Italy in the Modern World Since 1848
HIST 328 - Modern Germany
HIST 330 - The Russian Empire Under the Romanovs
HIST 331 - Soviet Union and Post-Soviet Russia.
HIST 332 - Scandinavian History
HIST 336 - History and Reconciliation in South Africa
HIST 337 - Pre-modern Korea
HIST 338 - Modern Korea
HIST 339 - African Social Change
HIST 340 - Traditional China
HIST 341 - China Since 1200
HIST 342 - The Mongol Empire in World History
HIST 343 - Early Japan: Shinto and Samurai, Courtiers and Courtesans
HIST 344 - Modern Japan
HIST 345 - Islam in Africa
HIST 347 - Chinese Cultural History
HIST 348 - Modern South East Asia
HIST 349 - History of Asian Religions and Thought
HIST 350 - English Language Paleography
HIST 351 - German Language Paleography
HIST 352 - Scandinavian Languages Paleography
HIST 353 - Romance Languages Paleography
HIST 354 - Russian Language Paleography
HIST 355 - History of Argentina
HIST 356 - Brazil
HIST 357 - The Indian in Latin American History
HIST 358 - Gender and History in Latin America
HIST 360 - American West to 1900
HIST 361 - The American West Since 1900
HIST 362 - United States Immigration History
HIST 363 - The Spanish Frontier in North America
HIST 364 - Utah
HIST 366 - Slavery and the Slave Trade in Africa and the Atlantic World
HIST 367 - Slavery in the United States
HIST 368 - Sport, Society, and American Culture
HIST 370 - Early America
HIST 371 - Revolutionary America
HIST 372 - The History of the US Presidency
HIST 373 - Civil War Era, 1848-1877
HIST 374 - U.S. History from 1890 to 1945
HIST 376 - U.S. History from 1945 to 2000
HIST 377 - Growing Up in America: A History of Childhood and Youth
HIST 378 - History of American Families
HIST 379 - U.S. Religious History to 1860
HIST 380 - U.S. Religious History Since 1860
HIST 381 - Computers in Family Historical Research and Publication
HIST 382 - Mormonism in the American Experience
HIST 383 - African-American History, 1865 to Present
HIST 384 - United States Women's History
HIST 385 - Latinos in the United States
HIST 386 - American Indian History to 1877.
HIST 387 - American Indian History from 1877 to the Present.
HIST 388 - Genetic Genealogy
HIST 389 - Mormonism Among Christian Theologies: A Comparative History
HIST 390R - Special Topics in History
HIST 391 - The Vietnam War
HIST 392 - U.S. Constitutional History
HIST 393 - U.S. Foreign Relations
HIST 395 - Teaching with Technology in Social Studies
HIST 396 - Telling the Story of History: A Writing Workshop
HIST 397 - Historical Literacies in United States History
HIST 398 - American Capitalism: Politics and the Economy in Modern American History
HIST 399 - Democratic Classroom Design for Social Studies
HIST 420 - Latin Paleography
HIST 430R - (Hist-Clscs) Topics in Ancient Greek History
HIST 431 - Public History
HIST 439 - Seminar on Professional Family History Research
HIST 476 - Student Teaching - History Teaching and Social Science Teaching
HIST 477 - History and Social Science Teaching Methods and Instruction
HIST 478 - Practicum in Secondary Education
HIST 479R - Secondary Minor Student Teaching
HIST 481R - Directed Research in Family History
HIST 485 - Topical Readings Seminar
HIST 487 - Philosophies of History
HIST 490 - Capstone Research Seminar
HIST 495R - Directed Research
HIST 496R - Academic Internship: Family, Local, and Social History
HIST 496R - Academic Internship: History Teaching and Social Science Teaching
HIST 498R - Directed Readings
HIST 500R - Special Studies in History
HIST 564 - Sources and Problems in Western U.S. History
HIST 565 - Sources and Problems in Latter-day Saint History
HIST 566 - Sources and Problems in Utah History
HIST 587 - Philosophies of History
HIST 590R - Special Topics
HIST 598R - Special Readings in History

Political Science Department



Political Science

Department of Political Science

Administration

Chair: Jay Michael Goodliffe

Department Information:

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WEBSITE

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FACULTY

Admission to Degree Program

All degree programs in the Department of Political Science are open enrollment.

The Discipline

The political science major is designed to fulfill the admonition of the Doctrine and Covenants (88:79–80) to teach one another "things which are at home, things which are abroad; the wars and the perplexities of the nations, and the judgments which are on the land; and a knowledge also of countries and of kingdoms that ye may be prepared in all things."

Politics and government are central to the human condition, involving fundamental collective choices about our local, national, and global communities. Successful governance establishes justice, ensures tranquility, promotes welfare and prosperity, and secures liberty. Failed governance brings violence, poverty, chaos, and fear. Politics lays bare our highest aspirations and our basest impulses.

Political science involves a wide range of theoretical, empirical, and moral inquiry into the fundamentals of governance, with diverse perspectives about the nature, uses, and abuses of power. Students learn various methods of inquiry, ranging from statistical analysis of quantifiable data to historical methods to interpretation of influential philosophical texts. With these skills, political science students consider the nature of justice, the causes of domestic and international conflict, the diverse forms of government, the dangers of authoritarianism, the global interconnections among governments and societies, how well governments and politicians represent citizens, and the ways that political parties and mass media shape public participation and public policy. Political science graduates reflect on their own political values, engage respectfully with competing ideas, and become prepared “in all things” to lead their lives more responsibly and intelligently and to influence their communities for the better.

Career Opportunities

Political science improves students' critical thinking, reading, writing, and methodological skills, which helps prepare them for essential responsibilities as a person and as a citizen, as well as for additional studies and employment in a modern economy. More specifically, the Political Science department offers a series of undergraduate emphases in political science for students who are preparing for public service, non-profit work, research careers, or professional degrees in law or business. These emphases are Global Development, International Strategy and Diplomacy, Legal Studies, Political Strategy, and Research and Data Analysis.

Internships

Political science students are encouraged to enrich their undergraduate education and enhance their career prospects with an off-campus internship experience. Several high-quality opportunities are available for which credit may be earned toward the major or minor.

Washington Seminar. Students from any academic discipline spend a semester or term in Washington, D.C., working in government, business, communications, or the arts. The program includes course work on contemporary national issues. Participants earn up to 12 hours of upper-division credit.

Utah State Legislature Internship. During each winter semester, students from any academic discipline may work as interns in the Utah State Legislature. Students interested in legislative and public policy processes will particularly benefit from the experience. Participants earn 7 to 14 hours of upper-division credit and a small stipend.

International Internships. The International Internship Program at the David M. Kennedy Center places students in a variety of internships with foreign governments and international institutions. Some of these internships are eligible for credit towards the major.

Graduation Requirements

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

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

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

Programs

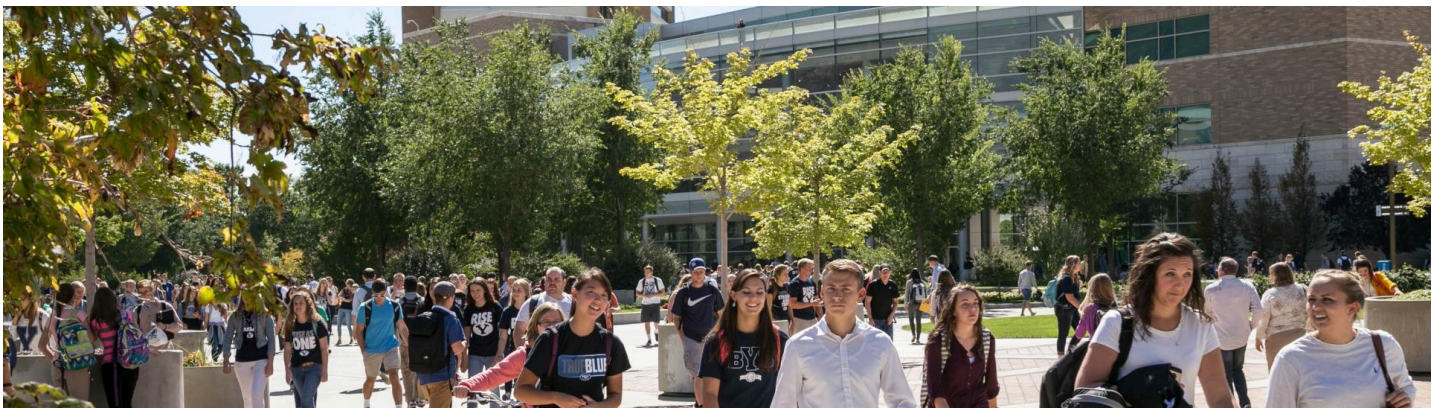
Political Science (Minor)
International Strategy and Diplomacy (Minor)
Legal Studies (Minor)
Political Strategy (Minor)
Political Research and Data Analysis (Minor)
Political Science (BA): International Strategy and Diplomacy Emphasis
Political Science (BA): Global Development Emphasis
Political Science (BA): Legal Studies Emphasis
Political Science: Political Strategy (BA)
Political Science (BA): Research and Analysis Emphasis
Political Science (BA)

Courses

POLI 110 - American Government and Politics
POLI 150 - Comparative Government and Politics
POLI 170 - Introduction to International Politics
POLI 200 - Political Inquiry
POLI 201 - Western Political Heritage 1
POLI 202 - Western Political Heritage 2
POLI 210 - Principles of American Politics
POLI 249R - Introductory Topics in Politics
POLI 250 - Principles of Comparative Politics
POLI 270 - Principles of International Relations
POLI 278 - Applied Statistics for Public Policy and Law
POLI 297R - Internship Program Preparation
POLI 300 - Statistical Analysis
POLI 301 - Data Visualization
POLI 302 - Experimental Research Methods
POLI 303 - Qualitative Methods
POLI 304 - Game Theory in Political Science
POLI 305 - Survey Research Methods
POLI 306R - Topics in Political Science Methods
POLI 310 - Research Project in American Politics
POLI 311 - State Government and Politics
POLI 312 - American Judicial Politics
POLI 313 - Interest Groups
POLI 314 - The United States Presidency
POLI 315 - Congress and the Legislative Process
POLI 316 - American Political Parties
POLI 317 - Public Opinion and Voting Behavior
POLI 318 - Campaigns and Elections
POLI 319R - Topics in American Government and Politics
POLI 321 - The Media in American Politics
POLI 322 - Urban and Local Politics
POLI 323 - Race, Ethnicity, and Gender in American Politics
POLI 324 - Political Psychology

POLI 325 - Politics of Wilderness, National Parks, and Public Land Management
POLI 326 - American Political Demography
POLI 330 - Research Project in Public Policy
POLI 331 - Politics and Public Policy
POLI 332 - Public Policy Analysis
POLI 333 - Politics of Bureaucracy
POLI 334 - Public Ethics
POLI 336 - Religion and Politics
POLI 339R - Topics in Public Policy
POLI 340 - Democracy and Autocracy
POLI 341 - European Politics
POLI 342 - Gender and Politics
POLI 343 - Designing Democracy: Constitutional Design for Democratic Governance
POLI 344 - Comparative Political Economy
POLI 345 - Comparative Parties and Elections
POLI 346 - Southeast Asian Politics
POLI 347 - Russia/Former Soviet Politics
POLI 348 - Government and Politics of Asia
POLI 349R - Topics in Politics
POLI 350 - Research Project in Comparative Politics
POLI 351 - British Government and Politics
POLI 352 - African Politics
POLI 353 - China: Government and Politics
POLI 355 - Canadian Government and Politics
POLI 357 - Middle East Politics
POLI 358 - Latin American Politics
POLI 359R - Topics in Comparative Politics
POLI 360 - Research Project in Political Theory
POLI 362 - Reason, Revelation, and Politics
POLI 364 - Jurisprudence
POLI 365 - Early American Political Thought: 1620-1865
POLI 366 - Modern American Political Thought: 1865-Present
POLI 367 - Contemporary Political Theory
POLI 368R - Topics in Political Philosophy
POLI 370 - Research Project in International Relations
POLI 372 - International Political Economy
POLI 373 - International Law
POLI 374 - Ethics and International Affairs
POLI 375 - International Organizations
POLI 376 - U.S. Foreign Policy
POLI 377 - National Security Affairs
POLI 378 - International Conflict
POLI 379R - Topics in International Relations
POLI 380 - International Relations of Latin America
POLI 381 - International Relations of the Middle East
POLI 384 - International Relations of Europe
POLI 385 - International Relations of Asia
POLI 387 - International Relations of Developing Countries
POLI 388 - Chinese Foreign Policy
POLI 391 - Advanced Seminar on Current Issues
POLI 392R - Topics in Political Strategy
POLI 393R - Topics in Legal Studies
POLI 394R - Topics in Global Development
POLI 395R - Political Review
POLI 397 - Utah Legislative Politics
POLI 398 - Speaker Series on Political Careers
POLI 399R - Washington DC Internship
POLI 399R - Pre-Law Internship
POLI 399R - International Internship
POLI 399R - Academic Internship
POLI 399R - Utah Legislature Internship
POLI 420 - Constitutional Law - American Federal System
POLI 421 - Constitutional Law - Rights and Immunities
POLI 422 - Interests and Ideas in the American Founding
POLI 423 - Political Extremism in the United States
POLI 428 - Advanced Statistical Analysis
POLI 444 - The Political Economy of Development
POLI 452 - Islam and Politics
POLI 461 - Federalist Papers
POLI 462 - Tocqueville on America
POLI 465 - Philosophy of the Social Sciences
POLI 472 - International Political Economy of Women
POLI 473 - Human Rights
POLI 474 - Arab-Palestinian-Israeli Conflict
POLI 475 - Civil Wars and Ethnic Violence
POLI 476 - Terrorism
POLI 491R - Center for the Study of Elections and Democracy - Lab
POLI 492R - Global Politics Lab
POLI 497R - Mentored Research
POLI 498R - Directed Readings

Psychology Department



Psychology

Department of Psychology

Administration

Chair: Chad Jensen

Department Information:

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WEBSITE

FACULTY

Admission to Degree Program

All undergraduate degree programs in the Department of Psychology are open enrollment.

The Discipline

Psychology is a traditional discipline in the liberal arts and sciences and is rooted in the Western intellectual tradition. Since its founding in the late nineteenth century, psychology has distinguished itself primarily as a science with a wide scope of interests. Many psychologists also provide treatment for a broad range of disorders, and others work to solve pressing social issues. The diverse world community of academic and professional psychologists is devoted to expanding our understanding of individual and collective behavior and applying that understanding toward improving the human condition.

The department joins students and faculty together to make a scientific and applied contribution to the discipline of psychology. Its faculty members and administrators are committed to an educational experience that excites learning and understanding in personal and collaborative settings. At the same time the department honors the restored gospel as vital for psychological theory, as a guide for professional conduct, and as a source of unique insight. Aware of the history of psychology and as active participants therein, faculty members hold students to high standards of individual and collective performance and understanding. Students are expected to respond to multiple styles of teaching and broad opportunities for engagement in research and application with serious and sustained interest and effort. In this way the department distinguishes itself as a community of scholarship, moral principle, and devotion to the elevation of humankind.

Career Opportunities

The psychology major is a gateway to professional employment and to advanced study in psychology. Psychologists engage in a variety of academic roles as teachers, researchers, and administrators and also provide counseling, clinical, and consulting services to individuals and organizations. Psychologists are employed by colleges and universities, public and private schools, clinics, and hospitals. They work in private practice and for corporations and government entities. The study of psychology has particular value for family life and for civic and cultural roles generally. The psychology major provides a well-informed perspective on human and organizational behavior in preparation for occupations in law enforcement, law, or business.

Most professional positions require a master's or doctoral degree, although a bachelor's degree may be sufficient to gain employment in mental health care, detention and probation services, auxiliary social work, personnel, or human resources. Further, the psychology major gives students a particularly strong background leading to graduate study in business, law, or medicine.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Psychology (Minor)
Psychology (BS)
General Studies (BGS): Psychology Emphasis

Courses

PSYCH 101 - Orientation to the Psychology Major
PSYCH 111 - Introduction to Psychological Science
PSYCH 140 - Teaching Assistant Training
PSYCH 200 - Preparing for Graduate School
PSYCH 210 - A History of Psychology
PSYCH 212R - Special Topics in Psychology
PSYCH 220 - Human Development: Life Span
PSYCH 305 - Multicultural Psychology
PSYCH 306 - Psychology of Gender
PSYCH 307 - Writing Within Psychology
PSYCH 308 - Psychological Statistics
PSYCH 310 - Psychological Research Design and Analysis
PSYCH 311 - Critical Issues in Psychology
PSYCH 312R - Advanced Methods
PSYCH 313 - Psychometrics
PSYCH 320 - Developmental Psychology: Childhood
PSYCH 321 - Developmental Psychology: Adolescence
PSYCH 322 - Developmental Psychology: Adulthood
PSYCH 330 - Organizational Psychology
PSYCH 338 - Sport Psychology
PSYCH 341 - Personality
PSYCH 342 - Psychopathology
PSYCH 343 - Child Psychopathology
PSYCH 345 - Mediation and Conflict Resolution
PSYCH 348 - Clinical Psychology
PSYCH 349 - Introduction to Positive Psychology
PSYCH 350 - (Psych-Soc) Introduction to Social Psychology
PSYCH 352 - Applied Social Psychology.
PSYCH 353 - The Restored Gospel of Jesus Christ and Psychology
PSYCH 354 - Psychology of Religion
PSYCH 356 - Introduction to Health Psychology
PSYCH 358 - Leadership Development
PSYCH 370 - Sensation and Perception
PSYCH 375 - Cognition
PSYCH 377 - The Cognitive Neuroscience of Memory
PSYCH 381 - Behavioral Neurobiology
PSYCH 382 - Stress Psychobiology
PSYCH 387 - Introduction to Primate Behavior
PSYCH 388 - Drugs, Reward and Addiction
PSYCH 390R - Sleep Psychology
PSYCH 390R - Special Topics in Psychology
PSYCH 399R - Academic Internship
PSYCH 410R - Capstone: Teaching Assistant
PSYCH 420R - Capstone: Communication & Technology
PSYCH 430R - Capstone: Research
PSYCH 492R - Supervised Instructional or Research Experience
PSYCH 495R - Independent Readings
PSYCH 496R - Capstone: Internship
PSYCH 499R - Independent Research
PSYCH 501 - Data Analysis in Psychological Research 1
PSYCH 502 - Data Analysis in Psychological Research 2
PSYCH 503 - Research Measurement
PSYCH 504 - Research Design
PSYCH 505 - Clinical Research
PSYCH 510 - History and Systems of Psychology
PSYCH 511 - Philosophy of Science for the Social Sciences
PSYCH 512 - Qualitative Research Methods
PSYCH 513R - Topics in Behavioral Neuroscience
PSYCH 514 - Computational Neuroimaging Analysis
PSYCH 515 - Neuroimaging Analysis 1: Structural Imaging
PSYCH 516 - Neuroimaging Analysis 2: Diffusion Weighted Imaging
PSYCH 517 - Neuroimaging Analysis 3: fMRI
PSYCH 520 - Advanced Developmental Psychology
PSYCH 531 - Organizational Psychology

PSYCH 540 - Personality Theory
PSYCH 550 - Theory and Research in Social Psychology
PSYCH 552 - Applied Social Psychology
PSYCH 555 - Group Dynamics
PSYCH 565 - Motivational Psychology
PSYCH 575 - Cognitive and Affective Processes
PSYCH 578R - Seminar in Mathematical Psychology
PSYCH 583 - Health Psychology
PSYCH 584 - Cognition, Affect, and Brain Function
PSYCH 585 - Human Neuropsychology/Biological Bases of Behavior
PSYCH 586 - Hormones and Behavior

Sociology Department



Sociology

Department of Sociology

Administration

Chair: Ryan Gabriel

Department Information:

2008C JFSB

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sociology@byu.edu

WEBSITE

Advisement Center:

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FACULTY

Admission to Degree Program

All degree programs in the Department of Sociology are open enrollment.

The Discipline

Sociology is the study of social relations. For example, sociologists study social interactions, the relations of power, modern society, family and community life, organizations, and institutions. Among other things, sociologists study social change and social movements, diversity, the origins of inequality, and social conflict. The study of sociology includes learning about the theoretical perspectives and the diverse research methodologies that inform sociological analysis.

Career Opportunities

Students major in sociology in preparation for a number of different careers. Individuals are trained to analyze available information, summarize findings, draw conclusions, and solve problems. The study of sociology prepares a student for professional training in law, social work, public policy, and public or business administration. Sociology also provides training for occupations that do not require graduate training: commercial and retail sales, real estate, financial planning, information management and analysis, and market research. Students interested in working for nonprofit organizations and for government agencies should consider majoring in sociology. Students interested in studying criminology or a career in law enforcement may also consider sociology as a major. Sociology is also good preparation for improving the quality of life in our families and communities.

Becoming a sociologist requires further graduate study, either a PhD or a master's degree.

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Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Sociology (Minor)
Sociology (BS)

Courses

SOC 111 - Introductory Sociology
SOC 112 - Current Social Problems
SOC 113 - Multicultural America
SOC 200 - Professional Development in Sociology: Crafting Careers and Marketable Skills
SOC 221 - Innovation, Artificial Intelligence, and Society
SOC 222 - (Soc-WS) Introduction to Global Women's Studies
SOC 223 - Sociology of Race and Ethnicity
SOC 228 - Sociology of Sport
SOC 283 - Juvenile Delinquency
SOC 300 - Methods of Research in Sociology
SOC 301 - Applied Social Research Methods
SOC 302 - Research Proposal for Evaluation Research
SOC 307 - Data Analysis, Presentation, and Management
SOC 310 - Social Inquiry
SOC 311 - Contemporary Sociological Theory
SOC 318 - Adolescent Development in the Family and Other Social Contexts
SOC 322 - Class Inequality
SOC 325 - Introduction to the Sociology of Religion
SOC 326 - Sociology of Education
SOC 329 - Medical Sociology
SOC 330 - Cultural Sociology
SOC 333 - (Soc-Nurs) End-of-Life Care
SOC 339 - Social Organization and Change
SOC 340 - Sociology of International Development
SOC 345 - World Populations
SOC 350 - (Soc-Psych) Introduction to Social Psychology
SOC 360 - Introduction to Family Sociology
SOC 361 - Theoretical Foundations of Marriage and Family
SOC 365 - Sociology of Aging
SOC 367 - Sociology of Gender
SOC 370 - Urban Sociology
SOC 380 - Deviant Behavior and Social Control
SOC 390R - Special Topics in Contemporary Sociology
SOC 399R - Academic Internship
SOC 404 - Qualitative Research Methods
SOC 405 - Multiple Regression Analysis and Social Science Computing
SOC 420 - Understanding Modern Societies
SOC 421 - Sociology of Organizations
SOC 422 - Inequality and Society
SOC 423 - Sociology of Immigration
SOC 424 - Political Sociology
SOC 425 - Markets and Society
SOC 426 - Sociology of Work and Occupations
SOC 450 - The Family and Social Change
SOC 455R - Senior Experience Part 1
SOC 456R - Senior Experience Part 2
SOC 460 - Issues in Family Sociology
SOC 481 - Crime, Justice, and Corrections
SOC 490R - Special Topics in Sociology
SOC 495R - Directed Reading in Sociology
SOC 497R - Directed Research in Sociology
SOC 524 - Advanced Political Sociology
SOC 525 - Sociology of Religion
SOC 528 - Sociology of Rural Communities
SOC 565 - The Individual and Family in Later Years.
SOC 590R - Special Topics in Sociology
SOC 595R - Directed Readings
SOC 598R - Pro-Seminar

Social Work Department



Social Work

School of Social Work

Administration

Chair: Cole Hooley

Department Information:

2190A JFSB

801-422-3282

socialwork@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

Graduate Programs Available

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

Courses

SOC W 200 - Introduction to Social Work
SOC W 300 - Introduction to Social Work Research Methods
SOC W 331 - Social Welfare Policy
SOC W 360 - Social Work Practice with Individuals
SOC W 570 - Crisis Intervention
SOC W 580 - Social Work in the School Setting
SOC W 581 - Social Services for the Aging
SOC W 582 - Refugee Studies
SOC W 585 - Global Issues of Children at Risk
SOC W 595R - Directed Readings

Economics Department



Economics

Department of Economics

Administration

Chair: Lars John Lefgren

Department Information:

2146 West View Building

801-422-2859

economics@byu.edu

WEBSITE

Advisement Center:

1041 JFSB

801-422-3541

liberalarts@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Economics are open enrollment. However, special limitations apply for teaching majors.

The Discipline

Economics is the study of how decisions are made--by individuals, households, groups, or governments--and how those decisions interact and the consequences that follow. As such, the discipline of economics studies the full range of human behavior and interactions, studying topics such as poverty and economic development, competition and regulation, education, health care, criminal justice, environmental policy, unemployment, money and finance, political processes, and international trade. Economics develops both analytic problem-solving skills and sophisticated data analysis skills, preparing students for a wide range of career opportunities.

Career Opportunities

Economics provides analytical and quantitative skills that are useful in a wide variety of careers, including fields such as business and entrepreneurship, consulting, technology and data science, government, non-profit work, finance, banking, and healthcare. Graduates are well prepared for jobs requiring strategic analysis, data analytics, financial management, policy analysis, product management, and more. Often, graduates later pursue advanced degrees in business or related fields. Many economics students immediately begin graduate studies in economics, law, finance, public policy, or medicine. All graduates, including those who do not enter the workforce, benefit from the critical thinking and analytical skills that shape relationships and life decisions.

Graduation Requirements

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

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

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

Programs

Economics (Minor)
Economics (BS)

Courses

ECON 110 - Economic Principles and Problems
ECON 199R - Academic Internship
ECON 210 - Career Preparation Seminar
ECON 213R - Topics in Economic Analysis
ECON 230 - Economic Development and Growth
ECON 257 - International Trade and Finance
ECON 378 - Statistics for Economists
ECON 380 - Intermediate Microeconomic Theory 1
ECON 381 - Intermediate Macroeconomics
ECON 382 - Intermediate Microeconomic Theory 2
ECON 388 - Introduction to Econometrics
ECON 398 - Applied Econometrics
ECON 413R - Topics in Economic Theory
ECON 420 - Economics of Antitrust Law and Regulation
ECON 421 - Law and Economics
ECON 431 - Economic Development
ECON 432 - Economic Growth
ECON 440 - Natural Resources and Environmental Economics
ECON 442 - Behavioral Economics
ECON 450 - Financial Economics
ECON 453 - Monetary Theory and Policy
ECON 458 - International Trade Theory and Applications
ECON 459 - International Monetary Theory
ECON 461 - Economics of Education
ECON 463 - Economics of the Labor Market
ECON 465 - Health Economics
ECON 468 - Urban Economics
ECON 474 - Topics in Economic History
ECON 475 - Public Economics
ECON 476 - Industrial Organization
ECON 477 - Political Economics
ECON 478 - Game Theory and Economics
ECON 484 - Machine Learning for Economists
ECON 490 - Senior Paper
ECON 498R - Readings in Economics
ECON 580 - Advanced Microeconomic Theory 1
ECON 581 - Advanced Macroeconomics
ECON 582 - Advanced Microeconomic Theory 2
ECON 588 - Advanced Econometrics
ECON 599R - Academic Internship: Supervised Management and Training

Ancient Scripture Department



Ancient Scripture

Department of Ancient Scripture

Administration

Chair: Kerry Hull

Department Information:

375A JSB

801-422-2445

WEBSITE

FACULTY

Message from the Chair

The BYU Department of Ancient Scripture exists to “assist individuals in their quest for perfection and eternal life” (BYU Mission Statement) by providing instruction and experiences that are “spiritually strengthening, intellectually enlarging, and character building, leading to lifelong learning and service” (The Aims of a BYU Education).

By teaching the restored gospel of Jesus Christ through a study of the scriptures in their historical context and the teachings of modern prophets, we seek to help students develop faith in and a testimony of Heavenly Father, Jesus Christ, and his Gospel, including modern prophets and The Church of Jesus Christ of Latter-day Saints.

In addition, we seek to help students become lifelong disciples of Jesus Christ who are able find answers to their questions, resolve doubts, and respond with faith in whatever challenges they face. In other words, we strive to help students learn “by study and also by faith” (D&C 88:118) so that they may “give a reason of the hope that is in [them]” (1 Peter 3:15).

Courses

REL A 121 - The Book of Mormon
REL A 122 - The Book of Mormon
REL A 211 - The New Testament
REL A 212 - The New Testament
REL A 250 - Jesus Christ and His Everlasting Gospel
REL A 275 - Teachings and Doctrine of the Book of Mormon
REL A 300 - The Old Testament
REL A 301 - The Old Testament
REL A 302 - The Old Testament
REL A 304 - Writings of Isaiah
REL A 309R - Old Testament Studies
REL A 310R - New Testament Studies
REL A 320 - The Joseph Smith Translation of the Bible
REL A 327 - The Pearl of Great Price
REL A 336 - The Book of Mormon as Sacred Literature
REL A 392R - Special Topics in the Old Testament
REL A 392R - Special Studies in Religion: Ancient Scripture
REL A 392R - Special Topics in the New Testament
REL A 392R - Special Topics in the Book of Mormon
REL A 397R - Jerusalem Center Field Studies 2 (Sites and Scriptures)
REL A 510R - Special Topics in Ancient Scripture

Church History and Doctrine Department



Church History and Doctrine

Department of Church History and Doctrine

Administration

Chair:Anthony Sweat

Department Information:

375B JSB

801-422-3691

WEBSITE

FACULTY

Message from the Chair

The Department of Church History and Doctrine seeks to assist students and other Latter-day Saints in their quest for eternal life by teaching and researching the restored gospel of Jesus Christ. While their primary purpose is to teach and mentor students in a classroom setting in ways that are both intellectually enlarging and spiritually strengthening, faculty members also produce scholarship for the larger academic and Latter-day Saint communities. The department encourages teaching and scholarship that conform to the highest academic standards, and that lead to thoughtful, meaningful discussions of the church's history, faith, and people.

Courses

REL C 100 - Introduction to The Church of Jesus Christ of Latter-day Saints
REL C 130 - Missionary Preparation
REL C 200 - The Eternal Family
REL C 225 - Foundations of the Restoration
REL C 261 - Introduction to Family History (Genealogy)
REL C 320 - The Doctrine and Covenants
REL C 321 - Church History Field Studies: New England, New York and Pennsylvania
REL C 322 - Field Studies in Ohio and Missouri
REL C 323 - Field Studies in Nauvoo, IL
REL C 324 - The Doctrine and Covenants
REL C 325 - The Doctrine and Covenants
REL C 333 - The Living Prophets
REL C 341 - Joseph Smith and the Restoration, 1805-1845
REL C 342 - The Church in the West: Pioneers, Conflict, and Growth, 1846-1899
REL C 343 - The Modern Church, 1900 to the Present
REL C 344 - The Global Church
REL C 350R - Religious Education in Travel-Study Settings
REL C 351 - Survey of World Religions
REL C 352 - Survey of Christianity
REL C 353 - American Christianity and the Restored Gospel
REL C 357 - Survey of Judaism and Islam
REL C 358 - Survey of Eastern Religions
REL C 393R - Special Studies in Religion: Church History and Doctrine
REL C 393R - Men and Women of Mormonism
REL C 431 - Doctrines of the Gospel
REL C 471 - Teaching Seminary
REL C 510R - Special Topics in Church History and Doctrine
REL C 540R - Special Topics in Church History and Doctrine

Management Department



Management

Department of Management

Administration

Chair: Isaac Smith

Department Information:

590 TNRB

801-422-5742

marriottschool@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Entrepreneurial Management

The Discipline

Entrepreneurs seek to make the world a better place by creating valuable products and services that improve the lives of customers and add value to the economy. Entrepreneurs may create and start business ventures to bring these ideas to market, while others pursue these efforts as employees in companies ranging from startups to established firms. Others may focus on acquiring, owning and managing business ventures of all sizes and types. No matter where they find themselves, entrepreneurs seek to discover problems and innovate to solve those problems.

What Can Entrepreneurial Management Graduates Do?

Graduates typically create, launch, and manage a new business venture, work for startup ventures or rapidly growing enterprises, or join a larger established company in a product development and business development role.

Previous companies entrepreneurship students have started include: 1-800-Contacts, Allegiance, DearElder.com, J Dawgs, KT Tape, Novi Security, HM Cole, Eco-Scraps, FiberFix, Owlet, Estify, KiTech, and Entrata (formerly Property Solutions). Students have also been hired by larger firms such as Kohls, Barclays Capital, General Mills, Aramark, and Qualtrics.

Human Resources Management

The Discipline

Converting human capital (employee skills and knowledge) into strategic, sustainable competitive advantages for organizations. Specifically, attracting, selecting, developing, and retaining the best talent to help an organization achieve its strategic goals through the management of the employee experience.

What Can Human Resource Graduates Do?

Human resource professionals' main focus is to recruit, develop, and retain the employees of an organization. They maximize an organization's use of talent by finding and hiring capable employees and providing training and development experiences. As the bridge between managers and employees, they maintain positive employee relations and improve employee satisfaction, and performance. They administrate employee benefits, supervise development and wellness programs, and oversee disciplinary systems and rewards programs. Other options include careers in leadership development and in organizational or human capital consulting focusing on an organization's structure, strategy, or culture. HRM professionals may become senior executives, such as the Chief Human Resources Officer or the Executive Vice President of Human Resources.

Strategic Management

The Discipline

A company's strategy is a plan to gain and sustain competitive advantage. This plan reflects how company leaders think about what it takes to succeed in their market. At its core, strategy is the idea that successful companies will figure out how to offer to customers unique value that cannot be imitated by competitors.

What Do Business Strategists Do?

Strategists help a company achieve competitive advantage by developing plans that allow the company to offer unique value to their customers. Strategists collect and analyze information about competitors, customers, and the resources and capabilities of the company. Strategists use this analysis to make recommendations about where to invest and what actions to take, over time, in order to achieve superior firm performance. Recommendations may address revenue growth, competitive positioning, acquisitions, building internal processes and capabilities, structuring existing assets or resources, entering new markets, product launches, or any other aspects that can result in higher performance for the company or ensure that competitors will find it difficult to imitate a company's moves.

Strategists work in several interesting roles such as business managers, business analysts, consultants, corporate strategists, and product management.

Graduation Requirements

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

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

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

Programs

Healthcare Leadership (Minor)
Strategy (Minor) *
Entrepreneurship (Minor)
Entrepreneurial Management (BS) *
Business Management (BS) *
Human Resource Management (BS) *
Strategic Management (BS) *

Courses

ENT 101 - Introduction to Entrepreneurship
ENT 113 - Startup Bootcamp
ENT 300 - Fundamentals of Starting a Business
ENT 301 - Business Model Ideation & Validation
ENT 302 - Legal Issues in Entrepreneurship
ENT 323 - Entrepreneurial Sales & Persuasion
ENT 326 - Career Development and Student Mentoring
ENT 328 - Entrepreneurial Digital Marketing
ENT 352 - Entrepreneurship Through Acquisition
ENT 381 - Entrepreneurship Lecture Series
ENT 382 - Technology Entrepreneurship Lecture Series
ENT 401 - Entrepreneurial Innovation
ENT 402 - Entrepreneurship Analytics
ENT 411 - Creating New Ventures
ENT 421 - Financing New Ventures
ENT 422 - Managing New Ventures and Family Business
ENT 425 - Venture Capital for Startups
ENT 427 - Building Your Lean Venture

ENT 431 - Innovation Practicum
ENT 432 - Commercializing Innovation
ENT 434R - New Venture LaunchPad
ENT 436 - Experiential Entrepreneurship
ENT 437 - Entrepreneurship Capstone
ENT 441 - Rapid Product Innovation & Development
ENT 442 - Ideation & Team Formation
ENT 445R - Software Product Management Lecture Series
ENT 478 - Venture Studio Practicum
ENT 479R - Advanced Venture Studio
ENT 490R - Topics in Entrepreneurial Management
EXDM 432 - Emotional Intelligence for Experience Designers
HL 385R - Healthcare Research Hub
HRM 300 - Organizational Behavior
HRM 326 - Career Development
HRM 380 - Human Resource Management Executive Lecture Series
HRM 391 - Organizational Effectiveness
HRM 401 - Organizational Effectiveness
HRM 402 - Human Resource Management
HRM 411 - Organizational Development and Change
HRM 412 - Compensation, Benefits, and Performance Management
HRM 421 - HRM Implementation
HRM 425 - Conflict Management
HRM 430 - Managing Belonging & Inclusion
HRM 490R - Topics in Human Resource Management
HRM 540 - Organizational Effectiveness
HRM 585R - Pre-PhD HRM Seminar
MBA 538 - Advanced People Analytics
MSB 300 - Leadership and the Gospel of Jesus Christ
MSB 330R - GlobalHub
MSB 409 - Leading with Purpose
MSB 413 - Leadership Development
STRAT 325 - Introduction to Management Consulting
STRAT 326 - Career Development and Student Mentoring
STRAT 392 - Strategy and Economics
STRAT 401 - Foundations of Strategy
STRAT 402 - Economics of Strategy
STRAT 411 - Advanced Competitive Strategy
STRAT 412 - Strategy Analytics
STRAT 421 - Strategy Implementation
STRAT 427 - Consulting Project Management
STRAT 431 - Strategic Thinking 1
STRAT 432 - Strategic Thinking 2
STRAT 433 - Strategic Thinking 3
STRAT 435 - Introduction to Coding for Technology Managers and Entrepreneurs
STRAT 437R - Associate Product Management Lecture Series
STRAT 475 - Associate Product Management Experience
STRAT 477R - Associate Product Management Lab
STRAT 488 - Agribusiness Management 1
STRAT 489 - Agribusiness Management 2
STRAT 490R - Topics in Strategic Management
STRAT 560 - Strategy and Economics
STRAT 585R - Pre-PhD Strategy Seminar

Biology Department



Biology

Department of Biology

Administration

Chair: Byron Adams

Department Information:

4102 LSB

801-422-2582

biosecretary@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Programs

All majors within this department are open enrollment programs.

The Discipline

The Department of Biology focuses on training students in the genetic, organismal, population, community and ecosystem perspectives of the biological sciences. Fields include bioinformatics, biology education, botany and mycology, ecology, evolution, systematics, genetics, genomics, human health, veterinary science and zoology.

Career Opportunities

Biology entails rigorous, broad training and synthetic reasoning, which prepare students for careers in a wide variety of professional fields ranging from technical work in research laboratories to field technicians for environmental research companies or government agencies. Majors may develop their interest in such diverse areas as environmental biology, evolutionary biology, aquatic biology, molecular biology, plant biology, systematics, and human health and disease. Students satisfy the requirements for graduate studies in the biological sciences or professional schools.

Students in the Biology major receive the broadest and most flexible education. Students in this major frequently progress to MS and PhD programs in many biological fields, as well as professional schools.

The Bioinformatics major is for students with interests in computing, quantitative, and biological sciences. The degree merges these interests in the areas of bioinformatics and computational biology, giving students the skills for graduate or professional (medical, dental, law) schools or immediate employment opportunities after completing the undergraduate program, especially with biotechnology companies.

The Biological Science Education major provides a solid foundation in courses that meet the National Science Teachers Association certification requirements for secondary education biology teaching. The program also prepares students for continuing their education in graduate school.

The Biodiversity & Conservation major is designed to provide students with a preparation for a career or graduate study in conservation, phylogenetics, systematics, and related fields.

Pre-veterinary medicine students interested in veterinary medicine are encouraged to incorporate required pre-veterinary curriculum into an academic program of their choosing. See the description of the biology major for additional information.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Bioinformatics (BS)
Biology (BS)
Biological Science Education (BS)
Biodiversity & Conservation (BS)

Courses

BIO 100 - Principles of Biology
BIO 120 - Field Biology
BIO 129 - Biology Teaching and Learning
BIO 130 - Biology
BIO 160 - Artificial Intelligence in Medicine
BIO 165 - Introduction to Bioinformatics
BIO 166 - Bioinformatics Skills: Workflows
BIO 194 - Introduction to Mentored Research
BIO 220 - Biological Diversity: Animals
BIO 230 - Biological Diversity: Plants
BIO 235 - Field Botany
BIO 242 - Curation of Biodiversity Collections
BIO 250 - Evolutionary Medicine
BIO 264 - Statistical Analysis for Biologists
BIO 276 - Exploration of Teaching in Biological Sciences
BIO 310 - Comparative Animal Physiology
BIO 316 - Advanced Scientific Writing and Communication
BIO 350 - Ecology
BIO 362 - Computational Cancer Biology
BIO 364 - Bioinformatics Algorithms
BIO 368 - (Bio-MMBio-PWS) Genomics
BIO 370 - Bioethics
BIO 375 - Plant Development and Morphology
BIO 377 - Teaching Methods and Instruction in Biology
BIO 378 - Practicum in Biology Teaching
BIO 379 - Classroom Management and Laboratory Safety
BIO 392R - Preveterinary Preceptorship
BIO 399R - Academic Internship
BIO 410 - Conservation Biology
BIO 420 - Evolutionary Biology
BIO 430 - Plant Classification and Identification
BIO 441 - Entomology
BIO 443 - Ichthyology
BIO 445 - Herpetology
BIO 447 - Mammalogy
BIO 450 - Capstone in Biodiversity and Conservation
BIO 452 - Marine Biology
BIO 455 - Plant Ecology
BIO 463 - Genetics of Human Disease
BIO 465 - Capstone in Bioinformatics
BIO 470 - History and Philosophy of Biology
BIO 476 - Biology Student Teaching
BIO 494R - Evolution
BIO 494R - Systematics
BIO 494R - Marine Biology
BIO 494R - Bioinformatics
BIO 494R - Plant Biology
BIO 494R - Ecology
BIO 494R - Plant Biochemistry
BIO 494R - Mentored Research
BIO 494R - Fungal Biology
BIO 494R - Medicinal Botany
BIO 494R - Electron Microscopy
BIO 494R - Entomology
BIO 494R - Aquatic Biology
BIO 494R - Veterinary Science
BIO 496R - Secondary Teaching Internship
BIO 497 - Field Exam and Exit Survey
BIO 503 - Research Orientation
BIO 510 - Biological Systematics for Curation
BIO 511 - Lichenology
BIO 517 - Publishing in Peer-Reviewed Journals
BIO 520 - Symbiosis
BIO 523 - Science Communication
BIO 530 - Advanced Genetic Analysis
BIO 541 - Aquatic Entomology
BIO 550 - Behavioral Ecology
BIO 555 - Evolutionary and Ecological Modeling
BIO 556 - Limnology: Inland Waters
BIO 557 - Stream and Wetland Ecology
BIO 559R - Physiological Ecology
BIO 559R - Field Biology
BIO 559R - Biological Science Education
BIO 559R - Advanced Ecology

BIO 559R - Advanced Topics in Ecology and Evolution
BIO 559R - Tropical Biology
BIO 559R - Evolutionary Biology
BIO 559R - Advanced Systematics
BIO 559R - Biogeography
BIO 560 - Population Genetics
BIO 564 - Machine Learning for Biologists
BIO 589R - Genetics Science In-Service
BIO 589R - Evolution Science In-Service
BIO 589R - Meterology Science In-Service
BIO 589R - Botany Science In-Service
BIO 589R - Ecology Science In-Service
BIO 589R - Advanced Science In-Service

Cell Biology and Physiology Department



Cell Biology and Physiology

Department of Cell Biology and Physiology

Administration

Chair: Michael Brown

Department Information:

4005 LSB

801-422-2006

cell@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Cell Biology and Physiology are open enrollment.

The Discipline

Cell Biology and Physiology are exciting branches of biology that study the structure, function, and molecular mechanisms of cells, tissues, organs, and organ systems of living organisms. Knowledge and advancement in these fields underlies our modern understanding of human health and disease. Faculty and students work to understand such remarkable processes as how the heart develops and works to pump blood, how brain cells communicate with one another, how insulin regulates blood sugar,

and how specific gene products determine the morphology and functional capacity of the nervous system. Building on a foundation of chemistry, physics, and biology, the integration of molecular, cellular, systems, and whole-body function is what distinguishes the Cell Biology and Physiology major from other life science majors. The related Biophysics major uses methods of physics, chemistry, mathematics, and biology to investigate the *physical* basis of life.

Career Opportunities

Degree programs in the Department of Cell Biology and Physiology prepare students to pursue advanced professional or graduate degrees or to enter directly into employment. Majors provide outstanding preparation for students seeking admittance into professional programs in medicine, dentistry, optometry, podiatry, chiropractic, or pharmacy. Students who have aspirations of doing health-related research, postsecondary life science teaching, or biotech innovation will find excellent preparation for entrance into graduate programs and beyond. Graduates will also have the academic and laboratory skills necessary for employment in medical, biotech, and pharmaceutical industries. Programs offer students pursuing advanced degrees in business, public management, or law the knowledge and training necessary for admission to professional schools and work in governmental agencies, health care and biotechnical industries, and patent or health care law.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Biophysics (BS)
Cell Biology and Physiology (BS)

Courses

CELL 120 - Science of Biology
CELL 205 - Human Biology
CELL 210 - Human Anatomy (with virtual lab)
CELL 220 - Human Anatomy (with lab)
CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology
CELL 305 - Human Physiology
CELL 320 - Dissection Techniques in Human Anatomy
CELL 325 - Tissue Biology (with lab)
CELL 349R - Cell Biology and Physiology Teaching Experience
CELL 360 - Cell Biology
CELL 362 - Advanced Physiology
CELL 363 - Advanced Physiology Laboratory
CELL 365 - Pathophysiology
CELL 382 - Developmental Biology
CELL 399R - Academic Internship: Cell Biology and Physiology
CELL 444 - BIO-Innovation and -Entrepreneurship 1
CELL 445 - BIO-Innovation and -Entrepreneurship 2
CELL 450R - Readings and Discussion in Cell Biology and Physiology
CELL 455R - Cell Biology and Physiology Seminar
CELL 484 - Human Embryology
CELL 495R - Advanced Undergraduate Research in Cell Biology and Physiology
CELL 498 - Advanced Senior Research Project
CELL 520R - Advanced Topics in Clinical Human Anatomy
CELL 550R - Advanced Topics in Cell Biology and Physiology
CELL 561 - Physiology of Drug Mechanisms
CELL 562 - Reproductive Physiology
CELL 565 - Endocrinology
CELL 568 - Cellular Electrophysiology and Biophysics
CELL 570 - Responsible Conduct of Research
CELL 575 - Physiology of Aging
CELL 582 - Developmental Genetics

Plant and Wildlife Sciences Department



Plant and Wildlife Sciences

Department of Plant and Wildlife Sciences

Administration

Chair: Randy Larsen

Department Information:

4105 LSB

801-422-2760

pws-secretary@byu.edu

WEBSITE

Advisement Center:

2060 LSB

801-422-3042

lifesciences@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

All degree programs in the Department of Plant and Wildlife Sciences are open enrollment.

The Discipline

Disciplines in the Department of Plant and Wildlife Sciences focus on four of the great dilemmas facing mankind in the twenty-first century: harnessing biological technology to meet the needs of an expanding human population in the developing world; assessing and minimizing the impact of human activities on an increasingly vulnerable environment; management and conservation of wildlife and wildlands; and managing landscapes to meet increasing water, space, and other resource limitations while enhancing the aesthetic quality of urban environments.

Majors offered provide a flexible education for directly entering the job market or preparing for graduate or professional schools in business, engineering, the health professions (medical and dental schools), landscape architecture, law, natural resources, public administration, or science.

Career Opportunities

Genetics and Biotechnology

The discipline of genetics and biotechnology focuses on applications of molecular biology and genomics to solve problems related to health, crop and animal production, forensics, and environmental remediation. This field holds tremendous promise for meeting food sustainability needs in the developing world, delivering medical treatments customized to each patient's genomic makeup, and reducing human impacts upon the environment. The major program educates students in scientific principles and current biotechniques through a combination of classroom instruction and mentored laboratory experience on original research projects with faculty and

graduate students. Graduates are prepared for immediate employment in the biotechnology industry or for graduate study in biotechnology, molecular genetics, or the health professions. An optional, integrated track in biotechnology business affords students the option of obtaining a management minor through the Marriott School of Management in preparation for management careers in life sciences industries or for law school and subsequent careers as biological patent attorneys.

Environmental Science

Students majoring in environmental science learn fundamental principles of ecology; biodiversity; conservation; chemistry; engineering; geology; geography; and plant, animal (invertebrate/vertebrate), and soil sciences to help them solve environmental problems. They are prepared for graduate study and direct employment in fields dealing with assessing and remediating human-induced environmental impacts, as well as for careers in law, business, and the health professions.

Landscape Management

This program is accredited by the Professional Landcare Network (PLANET), the leading professional organization in landscape contracting. The major combines practice and instruction in horticultural science, business, and landscape design to prepare students for employment as managers in landscape contracting or for graduate studies in business, law, landscape architecture, and horticulture.

Wildlife and Wildlands Conservation

Wildlife and wildlands conservation is directed at managing wildland ecosystems-optimizing the function and services of natural ecosystems. Students are educated in wildland plants, animals, soils, and ecology, as well as wildlife and land management techniques. Graduates are well prepared to deal with complex issues involving wildlife and wildlands management and the overall conservation of natural resources.

This degree program qualifies students to work for a wide array of government and private land-management and conservation agencies. Students can qualify for federal job series employment in wildlife biology, range conservation, ecology, zoology, and botany. Common employers of these students include the U.S. Forest Service, Bureau of Land Management, Natural Resource Conservation Service, Fish and Wildlife Service, Park Service, and state wildlife management agencies. Graduates are well prepared to deal with complex issues involving wildlife and wildlands management and the overall conservation of natural resources.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Wildlife & Wildlands Conservation (BS)
Plant and Landscape Systems (Minor)
Environmental Science and Sustainability (Minor)
Genetics, Genomics, & Biotechnology (BS)
Environmental Science and Sustainability (BS)
Plant and Landscape Systems (BS)

Courses

PWS 100 - Plants in the Environment
PWS 101 - Cultural History of Medicinal Plants
PWS 103 - Residential Landscape Design
PWS 105 - Landscape Design Graphics
PWS 110 - Sustainable Food Crop Systems
PWS 112 - Floral Design
PWS 115 - Introduction to the Wildlife and Wildlands Conservation Major
PWS 135 - Safety Certifications for Field Biologists
PWS 150 - Environmental Biology
PWS 155 - Careers in Environmental Science
PWS 168 - Personal Genomics: Me and My Genes
PWS 180 - Climate Change: Science and Solutions
PWS 188 - Introduction to Genetics, Genomics, and Biotechnology
PWS 191 - Introduction to Plant and Landscape Systems
PWS 198R - Plant and Landscape Systems Practicum
PWS 199R - Academic Internship
PWS 205 - Landscape Computer Applications
PWS 211 - Hardscape Materials and Structures
PWS 212 - Principles of Irrigation
PWS 213 - Interior Plants and Landscapes
PWS 214 - Bidding and Estimating
PWS 215 - Principles of Range Management
PWS 216 - Plant and Landscape Lighting
PWS 220 - Trees
PWS 225 - Principles of Wildlife and Fisheries Management
PWS 250 - Field Ecology
PWS 270 - Animal Husbandry
PWS 272 - Coding for Genetic Analysis
PWS 274 - Applied Biostatistics
PWS 275 - Genetics and Reproduction.

PWS 282 - Soil Science
PWS 283 - Soil Science Laboratory
PWS 288 - Molecular Genetics Laboratory
PWS 292R - Introduction to Mentored Learning Experience
PWS 301 - Plant Propagation
PWS 303 - Soil Conservation and Management
PWS 303 - Soils Conservation and Resources
PWS 305 - Watershed Ecology
PWS 306 - Watershed Ecology Laboratory
PWS 315 - Conflict Resolution Management
PWS 316 - Advanced Scientific Writing for Genetics Majors
PWS 319 - Grasses in Urban and Natural Environments
PWS 320 - Sustainable Plant Systems
PWS 324 - Wildlife Law Enforcement
PWS 325 - Fisheries and Wetlands Management
PWS 330 - Rangeland, Woodland and Forest Plant Identification and Ecology
PWS 331 - Science of Plant Pest Control.
PWS 335 - Comparative Animal Nutrition
PWS 340 - Genetics
PWS 344 - Natural History of Wildlife
PWS 350 - Rangeland and Widlife Ecology
PWS 355 - Rangeland, Woodland and Forest Vegetation Measurements and Analysis
PWS 357 - Techniques for Wildlife Investigations and Management
PWS 365 - Biogeochemistry
PWS 366 - Biogeochemistry Laboratory
PWS 368 - (PWS-Bio-MMBio) Genomics
PWS 369 - Science of Plant Production
PWS 375 - Policies and Laws of Aquatic Systems
PWS 380 - Advanced Landscape Design
PWS 385 - Policies and Laws of Terrestrial Systems
PWS 390R - Soil and Plant Analysis
PWS 390R - Special Topics in Plant and Wildlife Sciences
PWS 399R - Research Internship
PWS 402 - Soils and Water in the Urban Environment
PWS 405 - Environmental Chemistry Laboratory
PWS 411 - Watershed Ecology and Management
PWS 416 - Rangeland, Woodland and Forest Restoration, Improvement and Management
PWS 417 - Rangeland Planning and GIS
PWS 419 - Forest Measurements, Management and Ecology
PWS 420 - International Agricultural Development
PWS 431 - Plant Health Diagnostics
PWS 440 - Plant Physiological Ecology
PWS 446 - Ornithology.
PWS 447 - Mammals of North America
PWS 472 - Conservation Genomics
PWS473 - Quantitative Genetics
PWS 480 - Environmental Capstone: Data Analysis and Writing
PWS 481 - Plant and Landscape Business Systems
PWS 490 - Case Studies
PWS 491R - Undergraduate Seminar
PWS 494R - Biotechnology Laboratory
PWS 494R - Plant ID / URME Team
PWS 494R - Environmental Science Field Techniques
PWS 494R - Mentored Learning Experience
PWS 505 - Aquatic and Terrestrial Biogeochemistry
PWS 511 - Environmental Biophysics: Soil and Plant Water Relations.
PWS 512 - Rangeland Landscape Ecology and Geographic Information Systems.
PWS 513 - Environmental Field Instrumentation
PWS 514 - Soil Microbiology
PWS 532 - Advanced Scientific Writing and Communication
PWS 540 - Plant Response to the Environment
PWS 547 - Ungulate Conservation and Management
PWS 551 - Quantitative Ecology
PWS 552 - Terrestrial Ecosystems
PWS 553 - Restoration Ecology
PWS 554 - Wildlife Behavioral Ecology
PWS 559 - Molecular Plant Breeding
PWS 560 - Quantitative Environmental Chemistry
PWS 575 - Plant Pathology
PWS 588 - Metagenomics
PWS 598R - Advanced Topics in the Plant and Wildlife Sciences.

Undergraduate Education Department

Undergraduate Education

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

Administration

Dean: Richard Gill
Associate Dean: Christopher P Oscarson
Associate Dean: Spencer P Magleby
Assistant Dean: Phillip D Rash

Contact Information:

350 MSRB

801-422-6818

WEBSITE

Advisement Center:

102 MSRB

801-422-3036

honors@byu.edu

WEBSITE

Departments

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

Courses

G E 119 - General Education: Civilization 1
G E 120 - General Education: Civilization 2
G E 123 - General Education: Biological Sciences
G E 124 - General Education: Physical Science
HONRS 220 - Unexpected Connections: Biology and Letters
HONRS 221 - Unexpected Connections: Biology & Arts
HONRS 223 - Unexpected Connections: Physical Science & Letters
HONRS 225 - Unexpected Connections: Physical Science and Culture
HONRS 226 - Unexpected Connections: Social Science & Letters
HONRS 227 - Unexpected Connections: Social Science and Art
HONRS 290R - Unexpected Connections: Special Topics
UNIV 101 - BYU Foundations for Student Success

International and Area Studies Department



David M. Kennedy Center for International Studies

Located in the heart of Brigham Young University's campus, the Kennedy Center is a dynamic, global center offering a broad spectrum of study and service opportunities. Our richly diverse but intimately interconnected world challenges us to develop a breadth of knowledge and a depth of understanding to comprehend our complex international neighborhood. The Kennedy Center is committed to the university's injunction to "enter to learn—go forth to serve" and its aspiration to make "the world our campus."

Mission Statement:

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

Administration

Director: V. Stanley Benfell

Contact Information:

237 HRCB

801-422-3377

kennedy@byu.edu

WEBSITE

Advisement Center:

273 HRCB

801-422-3548

kennedy_advisement@byu.edu

WEBSITE

Programs

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

- Middle East Studies/Arabic
- Scandinavian Studies

Admission to Degree Programs

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

International & Area Studies Program Coordinators

- Africana Studies, Spencer James
- American Studies, Jamin Rowan
- Ancient Near Eastern Studies, Matthew Grey
- Asian Studies, Marc Yamada
- European Studies, Rob McFarland
- International Development, Hayley Pierce
- International Relations, Scott Cooper
- Latin American Studies, Marlene Esplin
- Middle East Studies/Arabic, Joshua Gubler
- Global Environmental Studies, George Handley
- Global Women's Studies, Heather Belnap
- Scandinavian Studies, Nate Kramer

International Study Programs

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

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

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

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

Graduation Requirements

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

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

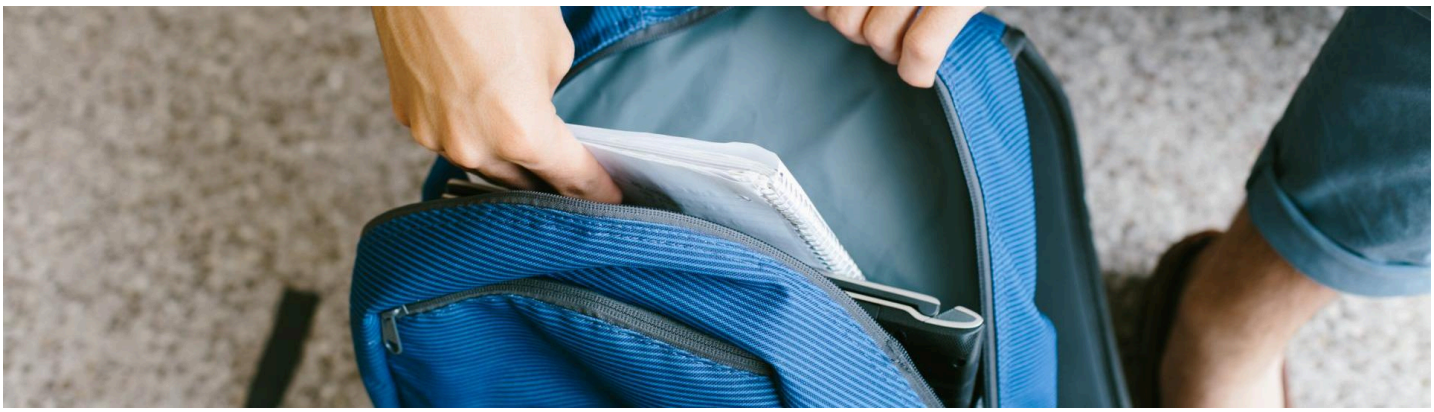
Programs

Scandinavian Studies (Minor)
Asian Studies (Minor)
European Studies (Minor)
Latin American Studies (Minor)
American Studies (BA)
Asian Studies (BA)
European Studies (BA)
Latin American Studies (BA)
Ancient Near Eastern Studies (Minor)
Africana Studies (Minor)
Middle East Studies / Arabic (BA)
International Relations (BA)
Middle East Studies (Minor)
Ancient Near Eastern Studies (BA): Greek New Testament Emphasis
Ancient Near Eastern Studies (BA): Hebrew Bible Emphasis
Global Environmental Studies (Minor)
American Studies (Minor)
Global Women's Studies (Minor)

Courses

AM ST 301 - Western American Studies Seminar
AM ST 304 - American Studies Methodologies and Writing Practices
AM ST 360 - Film in American Culture
AM ST 390R - Topics in American Studies
AM ST 392R - American Studies Lecture Series
AM ST 399R - Academic Internship
AM ST 490 - American Studies Capstone
ANES 201 - Introduction to Ancient Near Eastern Studies
ANES 301 - Methods and Sources for the Study of the Hebrew Bible
ANES 302 - Methods and Sources for the Study of the Greek New Testament
ANES 310 - Material Culture of Ancient Israel
ANES 311 - Material Culture of the Roman Near East
ANES 331 - Readings in Ancient Near Eastern Texts to 330 B.C
ANES 332 - Readings in Classical Near Eastern Texts
ANES 353R - Archaeological Fieldwork in the Near East
ANES 363 - Hebrew Bible Studies
ANES 390R - Directed Readings in Ancient Near Eastern Studies
ANES 392R - Topics in Ancient Near Eastern Studies
ANES 395 - Junior Seminar in Ancient Near Eastern Studies
ANES 430R - Advanced Topics in Ancient Near Eastern Studies
ANES 495 - Senior Capstone in Ancient Near Eastern Studies
ASIAN 200 - Introduction to Asian Studies: Methods and Materials
ASIAN 330R - Asian Studies Abroad
ASIAN 342 - Asian Literary Traditions
ASIAN 495 - Capstone in Asian Studies
EUROP 200 - Introduction to European Studies
EUROP 320R - European Literature, Art, and Culture
EUROP 330 - European Culture and Society
EUROP 336R - The Social Sciences in a European Context
EUROP 337R - The Humanities in a European Context
EUROP 495 - Senior Capstone in European Studies
GES 200 - Introduction to Global Environmental Studies
GES 490 - Global Environmental Studies Capstone
GWS 222 - (WS-Soc) Introduction to Global Women's Studies
GWS 330 - Women in the Scriptures
GWS 332 - The History of Latter-day Saint Women
GWS 337R - Latter-day Saint Women as Cultural Producers
GWS 341 - Women and Global Migration
GWS 350 - Medieval European Women Writers
GWS 351 - Early Modern European Women Writers
GWS 352 - Modern European Women Writers
GWS 354 - Pan American Women Writers
GWS 358 - The Gendered Camera: Women and World Cinema
GWS 360R - Women Who Have Made a Difference
GWS 370 - Women in Science
GWS 390R - Global Women's Studies Special Topics
GWS 392R - Global Women's Studies Colloquium
GWS 394R - GWS Topics taught in Languages other than English
GWS 395R - Global Women's Studies Mentored Study Experience
GWS 397R - Global Women's Studies: Editing for Publication
GWS 398R - Global Women's Studies Study Abroad Experience
GWS 399R - Global Women's Studies Internship
GWS 422 - Global Women's Studies Theory
GWS 492 - Global Women's Studies Capstone
IAS 100 - Introduction to International Studies
IAS 201R - Cultural Survey-Africa
IAS 201R - Cultural Survey-Europe
IAS 201R - Cultural Survey-Asia
IAS 201R - Cultural Survey
IAS 201R - Cultural Survey-Scandinavia
IAS 201R - Cultural Survey-China
IAS 201R - Cultural Survey-Middle East
IAS 201R - Cultural Survey-USSR
IAS 201R - Cultural Survey: Japan
IAS 201R - Cultural Survey-England
IAS 201R - Cultural Survey-South Pacific
IAS 201R - Cultural Survey-Eastern Europe
IAS 220 - Introduction to Development Studies
IAS 221 - Introduction to Africana Studies
IAS 300 - Professional Development in International Studies
IAS 301R - Kennedy Center Lecture Series
IAS 302R - Seminar in International Studies
IAS 351R - Model United Nations Preparation
IAS 353R - Intercultural Outreach Preparation
IAS 354R - Model Arab League Preparation
IAS 355R - Model Organization of American States
IAS 360R - International Field Study Preparation
IAS 369R - International Internship Preparation
IAS 380R - Cultural Proofs
IAS 397R - Topics in International and Area Studies
IAS 399R - International and Area Studies Academic Internship
IAS 421 - Seminar on Japanese Workplace: Society and Culture
IAS 491 - Directed Research for African Studies Minor
IR 399R - Academic Internship: International
LAS 211 - Introduction to Latin American Studies
LAS 390R - Special Topics for Latin American Studies
LAS 495 - Senior Seminar in Latin American Studies
MESA 201 - Introduction to Middle East Studies
MESA 250 - Introduction to the Religion of Islam
MESA 300 - Professional Development in International Studies
MESA 320 - The Qur'an in English
MESA 350 - Islam in Contemporary Society
MESA 380 - Middle Eastern Field Studies
MESA 398R - Directed Middle East Study
MESA 399R - Academic Internship
MESA 467R - Topics in Middle East Studies
MESA 494 - Capstone Arabic
MESA 495 - Senior Seminar in Middle East Studies
NES 336R - Ancient Near Eastern Studies
NES 347R - (NES-Hist 242R) Arab and Islamic Civilization
NES 349R - (NES-Hist 243R) Jewish Civilization.
NES 396R - Jerusalem Center Field Studies 1
SCAND 220 - Introduction to Scandinavian Studies
SCAND 399R - Academic Internship
SCAND 495 - Capstone in Scandinavian Studies

Student Development Department



Student Development

Department of Student Development

Department Information:

2516 WSC

801-422-6291

FACULTY

Student Development

Jonathan Cox, Associate Director over Teaching
Student Development Services
2516 WSC, (801) 422-6291

Jana Cottle, Student Development Coordinator
2518 WSC, (801) 422-6291

Student development courses are offered by faculty from Student Development Services, academic advisors from the University Advisement Center and other areas of campus, as well as by professionals in their respective fields. Courses offered in student development are intended to help BYU students with their educational, career, and personal development. Student Development courses help students:

1. Adjust to and thrive in the BYU academic and social environment.
2. Enhance their academic skills including studying, reading, time management, test-taking, and note-taking.
3. Effectively explore, select, and prepare for majors and careers suited to their interests, values, and goals.
4. Increase self-awareness, develop character and enhance mental health and well-being.
5. Develop leadership, interpersonal, and helping skills necessary to effectively serve in the campus and general community.
6. Make important life decisions.

Courses

STDEV 100 - Essential College Skills
STDEV 109 - Effective Study and Learning
STDEV 117 - Career Exploration
STDEV 120 - International Student Orientation
STDEV 132 - Introduction to Peer Education (Tutoring, mentoring etc.).
STDEV 133 - Advanced Peer Education (tutoring, mentoring etc.).
STDEV 140 - Life Planning and Decision Making
STDEV 141R - Individual Development
STDEV 143 - The Science and Practice of Positive Living
STDEV 145 - Integrity for Life: Building Personal Character
STDEV 150 - Public Speaking
STDEV 155 - Authentic Leadership and Personal Effectiveness
STDEV 168R - Law Lecture Series
STDEV 170 - Introduction to Health Professions
STDEV 199R - Academic Internship
STDEV 205 - Success in College Reading
STDEV 214R - Special Topics in Student Development
STDEV 247 - Performance Psychology
STDEV 255 - Team Leadership
STDEV 256 - Leadership and Management Skills
STDEV 260 - Constitutional Research
STDEV 261 - The Law in Literature
STDEV 268R - Prelaw Leadership
STDEV 271 - Preview of Dentistry
STDEV 272 - Preview of Medicine
STDEV 273 - Preview of Optometry
STDEV 274 - Preview of Physician Assistant
STDEV 278R - Pre-Health Leadership
STDEV 290 - Learning Through Service: Theory and Application of Service
STDEV 305 - Advanced Reading Strategies for College Success
STDEV 317 - Job and Internship Search Strategies

STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant
STDEV 319 - Professional Etiquette
STDEV 355 - Leading Change
STDEV 358R - Student Leadership Development
STDEV 359 - Conflict Resolution
STDEV 364 - Mediation Techniques and Practices
STDEV 365 - Legal Education and Practice
STDEV 368R - Prelaw Review Journal Writing
STDEV 375 - Dental School Preparation Laboratory Experience
STDEV 399R - Student Leadership Internship
STDEV 399R - Health Professions Internship
STDEV 399R - Advanced EMS Internship
STDEV 455 - Leadership Capstone
STDEV 470 - Health Professions Application
STDEV 490 - Bachelor of General Studies Capstone
STDEV 496R - Advanced Legal Internship

Information Systems Department



Information Systems

Department of Information Systems

Administration

Chair: Tom Meservy

Department Information:

790 TNRB

801-422-3247

is.department@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The degree program in the department carries special enrollment limitations. Please see the BYU Marriott Undergraduate Advisement Center for specific details.

The Discipline

Computer-based information systems have become a critical part of the products, services, operations, and management of all organizations. The effective and efficient use of information and communications technologies is an important element in achieving competitive advantage for business organizations as well as achieving excellence in service for government and non-profit organizations. The twenty-first century has seen the rapid growth of the internet, ecommerce, and purely electronic enterprises. These organizations would not even exist without the technology provided by computer-based information systems. The importance of information systems to organizations and the need for well-educated professionals in the field is the basis for strong educational programs and the development of a professional community of information systems (IS) practitioners.

Information systems involves two broad areas: (1) the acquisition, deployment, and management of an organization's information systems resources and services and (2) the development of computer-based systems and technology infrastructures for use in organization processes. Information systems professionals provide services ranging from the managerial to the highly technical. Information systems and technology skills are critical to the success of virtually all modern organizations, including small business, corporations, government, and educational institutions.

Career Opportunities

Information systems graduates work in large and small organizations of all types, helping maintain existing technology infrastructure and specifying technology solutions to business needs. They serve as the bridge between an organization's technical personnel and its business side. Well-educated information systems graduates are in high demand in accounting firms, consulting firms, large corporations, midsized companies, technical companies, government agencies, and smaller entrepreneurial concerns. Challenging career opportunities embrace a wide range of interests. The variety of employment prospects includes opportunities for everyone from those who are primarily interested in people and organizations to those who enjoy very technical activities such as database and network administration or software development.

General Information

Undergraduate Application Requirements

Admitted applicants to the information systems program begin major coursework each fall semester. The following items are taken into consideration for all applicants during the admission process:

1. Prerequisite GPA
2. Essay
3. Résumé
4. Review of overall academic record
5. Professionalism

Application Guidelines

1. Completion of the following prerequisite courses: IS 201, IS 303 (or CS 142), and ACC 200. **Note**: A minimum 3.0 average GPA in the prerequisite courses is required, with no less than a B grade in IS 201 and IS 303 (or CS 142).
2. Repeating courses to improve a grade is strongly discouraged. Repeated and transfer courses are discounted 0.3 of a grade for admission purposes only (e.g. an A- grade would be discounted to a B+ during the admission process).
3. Completion and submission of the online application, including the applicant essay. The deadline to submit the application is the last working day of June at 4:30 pm.
4. Meeting or exceeding admission criteria does not guarantee admission. The Information Systems Department reserves the right to make exceptions to admission policies as deemed necessary to admit the most qualified applicants.

Graduation Requirements

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

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

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

Graduate Programs Available

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

Programs

Information Systems (BS) *
Information Systems (Minor)

Courses

IS 110 - Spreadsheet Skills and Business Analysis
IS 111 - Introduction to AI in Business
IS 115 - Introduction to Data Analytics in Python
IS 120 - Introduction to Web Development
IS 199R - Academic Internship: Information Systems
IS 201 - Introduction to Information Systems
IS 302 - Introduction to Database Design and SQL for Non-Majors
IS 303 - Introduction to Computer Programming
IS 315 - Introduction to Python Data Analytics (non majors)
IS 355 - Predictive AI (Machine Learning Foundations) for non-majors
IS 365 - AI in Business
IS 401 - Project management and systems design
IS 402 - Database Systems
IS 403 - Principles of Business Programming
IS 404 - Information Technology Infrastructure
IS 411 - Systems Design and Implementation
IS 413 - Enterprise Application Development
IS 414 - Information Systems Security and Controls
IS 415 - Exploratory Data Analysis
IS 455 - Predictive AI in Business (Machine Learning Foundations)
IS 456 - Agentic AI in Business
IS 490R - Mentored Research
IS 501 - Business Information Systems
IS 505 - Introduction to Python Data Analytics (non majors)
IS 515 - Advanced Spreadsheets for Business Analysis
IS 520 - Business Programming and Spreadsheet Automation
IS 531 - Enterprise Infrastructure
IS 532 - Cloud Engineering and DevOps
IS 533 - Advanced Data Communications
IS 537 - Data Structures and Algorithms
IS 540 - Spreadsheet and Database Automation Programming
IS 542 - Advanced Web Development
IS 543 - Mobile Platform Development
IS 545 - Machine Learning for Business
IS 550 - MISM Capstone Introduction
IS 551 - User Experience Design and Technical Leadership
IS 552 - MISM Capstone Project
IS 554 - Investigative and Forensic Data Analysis
IS 555 - Data Science Workflows for Organizations
IS 556 - Data Engineering
IS 560 - Information Security Management.
IS 562 - Information Systems Product Management
IS 565 - Digital Forensics for Organizations
IS 566 - Advanced Database Management
IS 567 - Cybersecurity and Penetration Testing
IS 571 - Introduction to Academic Research in Information Systems
IS 572 - Structural Equation Modeling
IS 581 - Managing a Software Startup
IS 582 - Tech Strategy and Leadership
IS 585R - Healthcare Research Hub
IS 588 - Healthcare Industry Dynamics
IS 590R - Managing a Software Startup
IS 590R - User-Centered Interface Design
IS 590R - Computer Forensics
IS 590R - Network Administration
IS 590R - Android Mobile Development
IS 590R - Seminar in Information Systems
IS 595R - International Experience
IS 596R - Global Technologies
IS 599R - Academic Internship: Information Systems

Finance Department



Finance

Department of Finance

Administration

Chair: Taylor Nadauld

Department Information:

640 TNRB

801-422-8377

finance@byu.edu

WEBSITE

Advisement Center:

460 TNRB

801-422-4285

msb_advisement@byu.edu

WEBSITE

FACULTY

Admission to Degree Program

The degree program carries special enrollment limitations. Please see the BYU Marriott Undergraduate Advisement Center for specific details.

The Discipline

Is it worth it? This is the single, simple, and critical question that finance seeks to answer. Is it worth it for a company to make a strategic acquisition? Is it worth it for a mutual fund manager to buy a particular stock? Is it worth it for a company to issue a bond? Is it worth it for a recent graduate to pursue an MBA? Is it worth it to put solar panels on a house? Finance applies quantitative and qualitative analysis to answer these questions and many others, all with the aim of determining whether something is worth it.

More broadly, finance is the study of the optimal allocation (procurement, deployment, and distribution) of scarce financial resources. What is the best way for a startup to acquire financing? What are the best new projects for a firm to invest in? What is the best way for a mature firm to return excess capital to its shareholders? These are all questions finance seeks to answer.

Career Opportunities

Finance graduates work in a variety of fields that include but are not limited to asset manager, commercial banker, corporate financial planning analyst, corporate treasury analyst, consultant, credit analyst, equity analyst, investment banker, private wealth advisor, and securities or commodity trader.

As a part of their jobs, finance professionals:

- Forecast expected cash flows from investment opportunities and potential projects
- Assess the risk and uncertainty associated with investment opportunities and potential projects

- Perform industry and macro-economic analysis
- Estimate the value of financial assets and options
- Minimize, manage, and hedge risk
- Study the efficiencies of the markets in which financial assets trade
- Analyze the interplay between time and interest
- Utilize diverse technical, analytical, critical-thinking and problem solving skill sets

Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education.
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

Programs

Finance (BS) *

Courses

FIN 180 - Finance Recruitment Preparation
FIN 200 - Personal Finance
FIN 201 - Principles of Finance
FIN 220 - Investment Banking Recruiting
FIN 312 - Investments Academy
FIN 315R - Brigham Capital
FIN 326 - Professional Development for Finance
FIN 400 - Analytical Methods in Finance
FIN 401 - Advanced Financial Management
FIN 402 - Managerial Finance for Non-Finance Majors
FIN 409 - Equity Financial Modeling and Valuation
FIN 410 - Investments
FIN 411 - Financial Derivatives
FIN 413 - Real Estate Finance and Investment
FIN 414 - Real Estate Development
FIN 415R - Silver Fund
FIN 416 - Real Estate Capital Markets & Investment
FIN 418 - Financial Planning
FIN 420 - Fixed Income Asset Management, Structured Products, and Risk
FIN 424 - Capital and Security Markets
FIN 425 - Private Equity and Venture Capital
FIN 428 - Mergers and Acquisitions, Restructuring, and Bankruptcy
FIN 432 - International Finance
FIN 436 - Python and Finance
FIN 440 - Financial Statement Analysis
FIN 444 - Fintech
FIN 446 - Trading and Market Structure
FIN 451 - Decentralized Finance
FIN 453 - Money, Banking, and Business
FIN 480R - Finance Society Leadership
FIN 487R - Capital Markets Academy
FIN 490R - Topics in Finance
FIN 510 - CFA Preparation
FIN 520 - Business Finance
FIN 585R - Pre-PhD Finance Seminar

BYU Conference Center Department



Administration

Director: Spencer E. Hansen

Department Information:

2255 CONF

801-422-7700

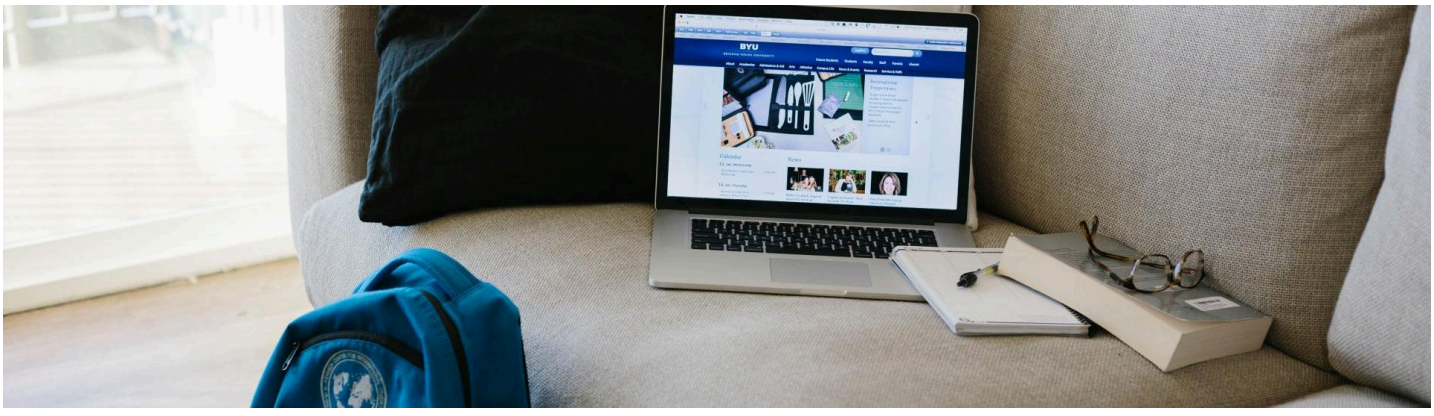
WEBSITE

The BYU Conference Center is located northeast of the Marriott Center and adjacent to the Harman Continuing Education Building. The primary host facility for conference guests on campus, it is especially equipped to provide a favorable learning environment for guests participating in conferences, workshops, training seminars, and other educational programs. University units may sponsor or cosponsor Conference Center events. When certain qualifications are met, off-campus professional, government, corporate, civic, religious, family, or community organizations may also schedule events.

The Conference Center may not be scheduled to fundraise or by programs whose activities are solely commercial or whose primary purpose is to promote a private enterprise, idea, individual, product, or concept.

Those interested in scheduling the center are invited to contact the BYU Conference Center at 801-422-7700.

BYU Online High School Department



BYU Online High School

Department Information:

WEBSITE

BYU Online High School offers high-quality, standards-based education for grades 7-12, providing flexible alternatives to traditional schooling. We combine proven online teaching practices with a safe, technology-enabled learning environment to meet the diverse needs of students. Our full-time, diploma-granting private high school serves students across the United States and worldwide. Courses, taught by certified teachers and designed by expert instructional designers, align with national and state standards.

Students can choose between two accredited diploma tracks—Standard and Advanced—while enjoying online learning and fun and interactive weekly activities such as clubs, hangouts, devotionals, National Honor Society, and more. We offer college credit options, including both Advanced Placement and Concurrent Enrollment courses, to help students advance their education beyond high school. Parents appreciate the transparency of our balanced education, ensuring clear insights into their child's learning journey.

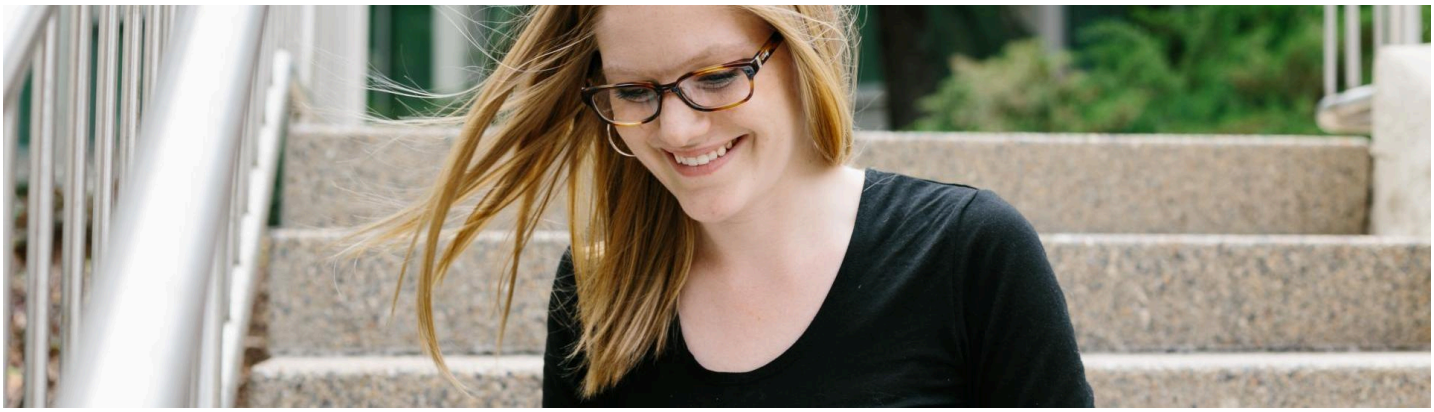
Students can build their own schedule, choosing a combination of 6 or 7 of the following course options per semester that fit your needs:

· Semester Live Courses: Engage in live classes with teachers and students and participate in interactive opportunities like Student Council. These courses follow a traditional August–May calendar with semester-based courses and weekly deadlines to keep students on pace. Ideal for students who thrive on structure and real-time interaction.

· Flex On-Demand Courses: Learn at your own pace with year-round enrollment and no live classes. Complete modules flexibly within six months without late penalties. Course pacing recommendations provided. Great for students seeking flexibility and independence.

Whether you're in middle school, high school, or preparing for college, find the path that works best for you! Please visit http://hs.byu.edu for more information.

Bachelor of General Studies Department



Department Information:

111 HCEB

801-422-4351

bgs@byu.edu

WEBSITE

Programs

- General Studies: American Studies (BGS)
- General Studies: Business (BGS)
- General Studies: Education (BGS)
- General Studies: English (BGS)
- General Studies: Exercise and Wellness (BGS)
- General Studies: Family Life (BGS)
- General Studies: History (BGS)
- General Studies: Psychology (BGS)

Brigham Young University's Bachelor of General Studies (BGS) Program offers former BYU students who are no longer able to attend BYU an opportunity to complete their bachelor's degree from anywhere. Applicants must have already completed 27 credit hours (exam credit excluded) at the BYU campus in Provo as an admitted day student and must abide by the Church Educational System Honor Code and receive an annual ecclesiastical endorsement. This program is not available to current BYU students who have fewer than 90 credits.

Note for Current BYU Students

When you are admitted as a BGS student, you are no longer classified as a day continuing student. As a result, you are no longer eligible to take day classes on campus during fall and winter semesters and lose privileges that are only available to matriculated day students including federal financial aid. Please refer to the BGS website for more details.

Admission to Degree Program

Prospective students must complete an admissions application to the Bachelor of General Studies Office and pay a fee of $35. The BGS program is open to former students who meet all of the following criteria:

- Have completed a minimum of 27 semester hours of BYU on-campus credit in Provo as an admitted day student (exam credit excluded). Up to six of these 27 hours may be from the BYU Salt Lake Center as an admitted day student.
- Have not completed any courses as a BYU day continuing student in the last two years or have already completed a minimum of 90 credits.
- Have never completed a bachelor's or higher degree.
- Are in good standing (academic, financial, etc.) at all universities attended.
- Have a 2.0 or higher BYU and cumulative GPA. (If any academic disciplinary action—warning, probation, suspension or dismissal—has been taken against you, contact the BGS Office before proceeding with the application process.)
- Will abide by the Church Educational System Honor Code and receive an annual ecclesiastical endorsement.
- Have been approved by the BGS admissions committee.
- Have successfully completed the StDev 100 course (1-credit-hour Independent Study course taken **after provisional acceptance into program)**.

The Discipline

The Bachelor of General Studies degree is designed to help BYU students utilize previously earned credit as much as possible. BGS uses the same curriculum standards as on-campus programs, including general education and religious education. The major is General Studies, with an emphasis in one of eight areas of study: American Studies, Business, Education, English, Exercise and Wellness, Family Life, History, or Psychology. To be eligible to complete the Education emphasis, students must have been enrolled in a teaching major at BYU and have completed all graduation requirements except student teaching. The degree can be completed entirely by coursework offered through BYU Independent Study and may be supplemented by courses from Evening Classes, Salt Lake Center, and spring & summer terms.

Students may select only one emphasis and do not have the option of creating custom-made areas of study. However, within the number of general electives available, students can utilize credit previously earned in a former major or choose to take course electives of interest.

The Bachelor of General Studies is a bachelor's degree from Brigham Young University designed to help you finish at home what you started at BYU. Students pursue this program for a variety of reasons. Some desire a sense of accomplishment—to complete a degree they began years ago. Others are looking for career advancement or to eventually pursue a postgraduate degree.

Conferences and Workshops Department



Administration

Director: Robert A. Holcombe

Department Information:

258 HCEB

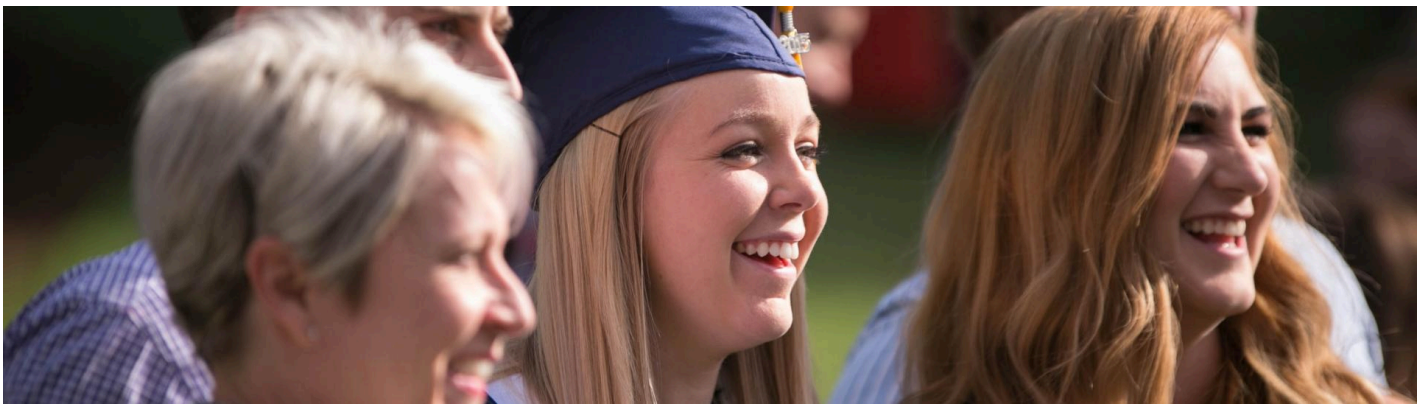
801-422-3559

WEBSITE

The Department of Conferences and Workshops assists the university's colleges, schools, and departments in developing and offering outreach programs. The department can help with both credit and noncredit programs, including conferences, workshops, symposia, continuing professional education courses, seminars, association meetings, test-prep courses, and youth camps. Programs can use either campus or off-campus facilities to extend university offerings to alumni, youth, the campus community, and other adults.

For a comprehensive listing of courses or for information on how we can help you plan a conference, visit our Web site at conferences.byu.edu.

Especially for Youth Programs Department



Administration

Director: Robert Holcombe

Department Information:

253 HCEB

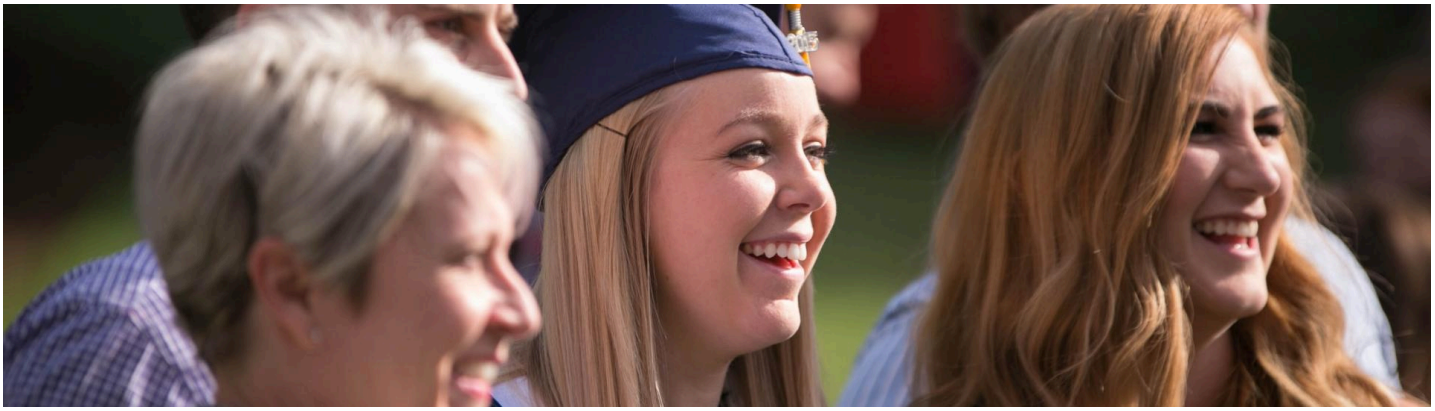
801-422-5841

WEBSITE

Especially for Youth programs are offered by this department, both on the BYU campus and at a number of locations nationwide. Participants can choose from several multi-day variations, all including a robust EFY agenda with physical, social, and spiritual activities, plus an emphasis of their choosing. These emphases include EFY Special Edition, EFY Adventure , EFY Habits For Life, and EFY Mission Ready.

Finally, EFY Express is a one-day experience offered at select locations each year, typically during the school year.

Evening Classes Department



Administration

Dean, Continuing Education: Richard Houseman

Associate Dean, Continuing Education: Darin Oviatt

Director, **Classroom Programs:** Jay Young

Manager: Karen Cottle

Department Information:

111 HCEB

801-422-2872

The Department of Evening Classes, housed in the Continuing Education Classroom Programs department, supports academic departments and colleges by offering courses into the evening hours for university students. Working in tandem with the BYU Office of Visiting Students, non-degree-seeking students may enroll in BYU courses labeled as “Evening”.

Tuition rates for courses in Evening Classes are the same as for day courses. All courses taught through Evening Classes are listed online in the university's official class schedule.

First-Year Experience Department

First-Year Experience

Overview



Department Information:

2014 JKB

(801) 422-8176

fye@byu.edu

WEBSITE

The Office of First-Year Experience (FYE) helps students transition from high school to university life. This includes 1) providing every student with a peer mentor- a trained guide who will help orient students to the university, answer questions, and check-in periodically with students during their first year and 2) hosting other orientation activities including New Student Orientation (NSO) and the First-Year Arts Card program. These efforts span the time between students' admission notification through the end of their first year on campus.

First-Year Mentoring

Email: fym@byu.edu
Website: fye.byu.edu/section/mentoring

First-Year Mentoring is designed to support ***all new students*** as they transition to, and learn to thrive in, a challenging university environment. This support spans three key periods:

Pre-Arrival (March – August):
Within 2-3 weeks following admissions notification, students admitted for fall semester, and summer term are assigned to a peer mentor who will contact them (by email, phone and text) in order to answer their questions and provide direction concerning next steps in their transition from high school to the university.

Fall Semester (September – December) and/or Summer Term (June-August):
First-Year Mentoring provides every new student with the support of an individual peer mentor who is embedded in students' UNIV 101 course. Mentors and students will meet at New Student Orientation, interact regularly in UNIV 101 classes, and meet for one-on-one meetings 3-4 times each semester. During these meetings peer mentors can answer questions, help students reflect on their experiences, connect students with important university resources, and help students make plans for future semesters (e.g. study abroad, undergraduate research, internships).

Winter Semester (January – April):
The mentoring relationships established during fall and summer continue through periodic meetings across the winter semester. For students who begin at BYU during the winter semester, they will enroll in UNIV 101 and be assigned to a peer mentor who is embedded in their particular section of UNIV 101. Second-semester first-year students will continue with the same peer mentor they were assigned to during the fall semester.

First-Year Experience & New Student Orientation (NSO)

Your orientation to BYU actually begins long before you arrive on campus. Prior to the beginning of your first term or semester, you will be contacted by a peer mentor from the Office of First-Year Experience (FYE). This mentor is a paid, trained university employee who successfully navigated their own first year and who can be a guide and resource for you across your first two semesters at BYU. Peer mentors will send periodic email, texts and even make phone calls to students. Mentors are available to answer questions, provide suggestions about effective learning strategies, connect you with other resources (e.g. academic advisors, financial aid resources, faculty members, the counseling center, etc.), and help you become a full participant in the BYU community.

A few weeks after you receive your acceptance notification you will be sent a link by the FYE office to a series of online orientation modules. These modules contain very important information about resources, programs and services available to you as a full-time student. They were developed to help your transition to BYU be as smooth as possible. The modules will take between 90 minutes to two hours and can be completed at your own pace. However, it will be important for you to complete all modules prior to arriving on campus. These modules are only one part part of your orientation to BYU. So, be sure you register for and make plans to attend the in-person NSO described below.

Immediately prior to the first day of every semester and term, an event referred to as New Student Orientation (NSO) is held. The purpose of NSO is to 1) welcome new and transfer students into the BYU community. 2) help new students understand and appreciate the unique opportunities provided by a BYU education, 3) introduce key campus resources, and 4) offer new students a great chance to connect with other students and meet their peer mentor.

NSO events and activities are designed to be both informative and fun. Activities vary according to the term or semester. In addition to a welcome from the administration and a campus tour, each orientation may include a university devotional; library tour; meetings about colleges and majors, financial aid and scholarships, the Honors Program; and an introduction to several of the traditions at the Y.

Many of the activities are organized around Y Groups, small groups of students led by peer mentors and other upperclassmen, which offer students personalized attention and support. To become fully immersed and engaged in the BYU community, NSO is vital.

Please see **https://fye.byu.edu/about-nso** for detailed information about NSO and to register for an NSO event.

FlexGE Department



FlexGE

Administration

HCEB 111

801-422-4669

Dean, Continuing Education: Richard Houseman

Associate Dean, Continuing Education: Darin Oviatt

Director, Classroom Programss: Jay Young

Manager: Chelsey Clay

Department Information & Advisement Center

HCEB 111

801.422.4669

flexge@byu.edu

https://flexge.byu.edu/

Description

The FlexGE Program is an opportunity for students who weren't admitted or didn't apply to BYU to take BYU classes and experience campus. Students in this program take BYU classes for university credit both in Provo and at the BYU Salt Lake Center. They also get to experience campus life by living in BYU-contracted housing, attending a YSA ward, and being involved in campus activities and events.

Enrollment

To participate in FlexGE, students must meet the following eligibility requirements:

- Get an ecclesiastical endorsement
- Have a high school diploma (or equivalent)
- Enter with a minimum 2.0 GPA
- Be at least 17 years old by the first day of class
- Have US citizenship or the ability to study in the US without an F-1 visa sponsored by BYU

Once determined eligible, students can enroll in the FlexGE Program up until a week before classes begin. A student's enrollment in FlexGE stays active until they've gone an entire academic year (fall semester through summer term) without enrolling for credit. If a student's enrollment lapses, they need to submit a new FlexGE application to continue taking classes.

Prospective students who have a GPA lower than 2.0 can petition to participate in FlexGE by meeting with a FlexGE academic advisor. Current students who let their GPA fall below a 2.0 must meet with a FlexGE academic advisor to create a success plan before they can continue in the program.

BYU Experience

FlexGE students are encouraged to become part of the BYU community and participate fully in activities that help them develop the attributes outlined in the Aims of a BYU Education. Students can volunteer with Y serve, join academic clubs, get a campus job, and serve in a calling in their YSA ward. With a few exceptions, FlexGE students have the same level of access to campus offices and resources as admitted BYU students.

FlexGE student do not have access to:

- Day classes during fall and winter semesters
- On-campus housing during fall and winter semesters
- Federal financial aid
- Intercollegiate athletics (including extramural sports)
- Performing groups or teams that require tryouts, auditions, or enrollment in day classes,
- Individual, group, and couples therapy at CAPS

Student Support

FlexGE students enjoy a high level of academic support provided by Continuing Education. They have access to free tutoring, academic skills coaching, and workshops on topics like time management, study skills, and test preparation through our unique Student Success Center. Each student also has an assigned peer mentor through the Student Success Center who is there to help with questions, point out resources, and ease the transition to university life.

FlexGE has program-specific academic advisors who help students navigate the FlexGE program, create a success plan, choose classes, and, ultimately, help with a transfer plan to BYU or another university. Students should meet with their academic advisor at least once per academic year.

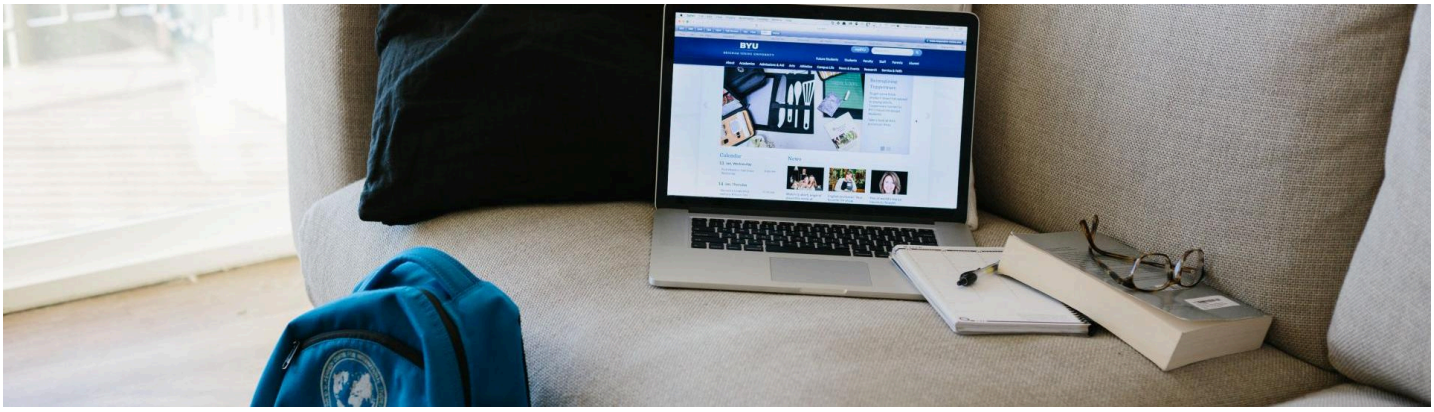
University Credit and Transfer

The FlexGE program hopes to help every student create a successful transfer plan, whether that's to BYU or another university. While participation in FlexGE does not guarantee admission to BYU, students do have a dedicated support team to help them identify and achieve their academic goals.

All courses taken during the FlexGE program transfer to BYU and apply to the student's degree program upon acceptance to the university. Credits transferred to other universities will be evaluated according to their respective transfer policies.

Students from outside the state of Utah may also use the time in FlexGE to establish Utah residency. Utah residency may allow students to qualify for resident tuition rates at public universities in Utah. Students should check with both the state and their preferred universities for specific residency requirements.

Independent Study Department



BYU Continuing Education

Department Information:

303 HCEB

801-422-2868 (Univ), 801-422-2868 (HS)

indstudy@byu.edu

WEBSITE

Academic Product Managers: Dustin Jones (Univ) and Trent McCall (HS)

BYU Independent Study is an affordable distance education providing ideal solutions for a variety of situations. With flexible course options, students can get the university credits they need, no matter where they are in the world. There are no admissions applications or requirements to take an Independent Study course and students can begin their course any day or time. Students have 12 months to complete their course and the college credit earned is transferable to most U.S. colleges and universities. Scholarships are available to students taking Independent Study Courses.

Through Independent Study, BYU offers more than 200 undergraduate online courses, providing a practical and flexible solution for students to acquire university credit. Independent Study courses can be used to complete general education courses, prerequisite courses for graduate school, and higher-level courses to fulfill undergraduate majors. Flexible Independent Study courses assist domestic and international students, working students, armed forces personnel, teachers, and others who may need courses that accommodate their individual schedules. The courses are available online and require Internet access. Students have the option to purchase a printed course readings packet.

BYU Independent Study also supports the following programs that help students anywhere in the world achieve their academic goals:

Students can register for an Independent Study course at any time during the year and have up to one year to complete most courses, although most courses are based on a semester's worth of credit. The online catalog is accessible at the BYU Independent Study website or a printed version of the catalog is also available without charge from the Department of Independent Study and will be mailed free of charge. Printed catalogs can be found in the Harman Continuing Education Building on the first-floor entrance and second-floor atrium. A complete list of available courses, the current tuition and fees, and enrollment policies and procedures are found in the online and printed versions of the catalog.

- Former students wanting to complete their BYU degree can take Independent Study courses to fulfill the course/credit requirements of the Bachelors of General Studies (BGS) program.
- Students currently not admitted to BYU can take BYU courses online as part of the FlexGE @BYU program to complete general education requirements at their own pace while immersing themselves in the other events and social life BYU offers. Up to 36 semester hours of work completed through BYU Independent Study can be applied toward a BYU bachelor's degree.
- The new BYU Online High School is a full-time, diploma-granting private high school serving students worldwide. Students in grades 7–12 enjoy the fun and flexibility that learning online offers while meeting their unique educational needs. BYU Independent Study offers more than 200 high school-level courses and 40 middle school courses.
- In addition, BYU Independent Study offers a few community education courses available for personal development and enrichment.

Office of Visiting Students Department



Office of Visiting Students

Administration:

Dean, Continuing Education: Richard Houseman

Associate Dean, Continuing Education: Darin Oviatt

Director, Classroom Programs: Jay Young

Manager: Kyle Mammen

Department Information:

111 HCEB

801-422-0798

The Office of Visiting Students assists individuals who wish to take part in the BYU experience as non-degree seeking students. The office is a resource center for all students not admitted to BYU who are looking for opportunities to attend BYU courses without going through the full admissions process. Additionally, the office directly offers three programs for non-degree seeking students and academic advisement for students in these programs. Whether students are looking to take one course or visit for a few semesters, the office is available to help.

Undergraduate Visiting Student:

Students who have earned a high school diploma (or equivalent) may sign up as Undergraduate Visiting Students. During fall and winter semesters these students may register for course sections offered by BYU Evening Classes and the Salt Lake Center. Students signed up during the spring and summer terms may also register for courses offered during the day in Provo. Non-degree-seeking students who would like to complete several GE courses or who would like to attend multiple semesters should refer to the BYU FlexGE program for more information.

Post-Baccalaureate Visiting Student:

Students who have earned a bachelor's-level degree may sign up as Post-Baccalaureate Visiting Students. During fall and winter semesters these students may register for course sections offered by BYU Evening Classes and the Salt Lake Center. Students signed up during the spring and summer terms may also register for courses offered during the day in Provo. Additionally, students who apply by the posted priority deadline in fall and winter semesters may seek permission to add day-section registration eligibility (approval is not guaranteed and is based on several factors).

Audit-Only Students:

Students who have earned a high school diploma (or equivalent) may sign up as Audit-Only Students. The course(s) Audit-Only Students sign up for must be taken by audit, and students must receive permission to audit from the instructor and/or department. Audit-Only Students may register for Day, Evening, and Salt Lake Center sections year-round. Audit-Only students may sign up with the Office of Visiting Students once the application for a semester/term opens; registering for courses opens on the first day of the semester/term. *Students who would like to audit select courses while concurrently enrolled in classes for credit should refer to the "Auditing Courses" registration policies.*

All students signed up through the Office of Visiting Students agree to abide by the Church Educational System Honor Code and the BYU Dress and Grooming Standards. Class schedules for each semester or term are listed in the BYU class schedule, the Evening Classes and Salt Lake Center websites, and in the university's online registration system.

Salt Lake Center Department



Salt Lake Center

Administration

Dean, Continuing Education: Richard Houseman

Associate Dean, Continuing Education: Darin Oviatt

Director, Classroom Programs: Jay Young

Manager: Mike Shamo

Department Information:

345 West North Temple Street, 3 Triad Center, Suite 300, Salt Lake City, UT 84101-3531

801-933-9400

WEBSITE

The BYU Salt Lake Center is operated by BYU Continuing Education and offers undergraduate courses for credit in Salt Lake City. Courses are offered during the day and evening to BYU admitted students, FlexGE students, Post-Bacc Prep, and visiting students. Conveniently located near Temple Square and other popular destinations, the Salt Lake Center can be reached by public transportation and offers free student parking. Class schedules are listed at slc.byu.edu and in the BYU class schedule. Admitted students can register for classes in MyMAP without any further clearance.

Students not admitted to BYU may take classes at the Salt Lake Center through the BYU FlexGE program if they earn a high school diploma (or equivalent), have a 2.0 GPA, obtain an ecclesiastical endorsement, and are citizens of the U.S.A. Most FlexGE students apply to BYU or another university as transfer applicants. For more information see the FlexGE section in this catalog or visit flexge.byu.edu.

Students admitted to BYU's Bachelor of General Studies (BGS) program may complete university core (religion and general education) and required emphasis courses at the Salt Lake Center without further clearance. For admission and program details see the Bachelor of General Studies section in this catalog.

The BYU Marriott School of Management EMBA (Executive Master of Business BYU) and the EMPA (Executive Master of Public Administration) programs are also offered at the Salt Lake Center. Evening and weekend scheduling enables these graduate students to earn a master's degree while also working full-time. For admission and program details, see the Graduate Studies Catalog.

Student Wellness Department

Student Wellness

Director: Nathan Ormsby
Course Coordinator: Jamal Willis

Department Information
112 Richards Building
(801) 422-6205
swellassistant@byu.edu

WEBSITE

SWELL & STAC
Student Wellness offers both SWELL & STAC courses. SWELL courses are introductory level academic classes that teach students skills and life-long behaviors to promote lasting health and wellness. SWELL courses are open enrollment activity classes that are directly connected to the Student Wellness department. STAC Courses are offered as limited enrollment courses for unique student groups (i.e. Intercollegiate Athletics and Extramural Sports).

Graduation Requirements

To receive a BYU bachelor's degree a student must complete, in addition to all requirements for a specific major, the following university requirements:

- The University Core, consisting of requirements in general and religious education. (For a complete listing of courses that meet university core requirements, see here.)
- At least 30 credit hours must be earned in residence on the BYU campus in Provo as an admitted day student
- A minimum of 120 credit hours
- A cumulative GPA of at least 2.0
- Be in good standing with the Honor Code Office

Students should see their college advisement center for help or information concerning the undergraduate programs.

Courses

SWELL 101R - Student Wellness Activities
SWELL 102 - Meditation
SWELL 103 - STRONG Nation
SWELL 104 - Cardio Fitness
SWELL 105 - Pickleball
SWELL 106 - Badminton
SWELL 107 - Pilates
SWELL 108 - Zumba
SWELL 109 - Yoga
SWELL 110 - Indoor Cycling
SWELL 111 - Basketball, Beginning
SWELL 112 - Basketball, Intermediate
SWELL 113 - Ultimate Frisbee
SWELL 114 - Barre
SWELL 115 - Recess and Lawn Games
SWELL 116 - Bowling, Beginning
SWELL 117 - Bowling, Intermediate
SWELL 120 - Indoor Rock Climbing
SWELL 121 - Diving, Springboard
SWELL 125 - Functional Fitness

SWELL 131 - Golf, Beginning
SWELL 132 - Golf, Intermediate
SWELL 136 - Gymnastics, Beginning
SWELL 137 - Walking
SWELL 138 - Hiking
SWELL 139 - Running
SWELL 141 - Martial Arts
SWELL 146 - Racquetball, Beginning
SWELL 147 - Racquetball, Intermediate
SWELL 150 - Ice Skating, Beginning
SWELL 151 - Ice Hockey, Beginning
SWELL 152 - Ice Skating, Intermediate
SWELL 153 - Ice Hockey, Intermediate
SWELL 155 - Self-Defense
SWELL 156 - Soccer, Beginning
SWELL 157 - Soccer, Intermediate
SWELL 161 - Skiing
SWELL 162 - Snowboarding
SWELL 164 - Skiing, Cross-Country
SWELL 170 - Swimming for Nonswimmers
SWELL 171 - Swimming, Beginning
SWELL 172 - Swimming, Intermediate
SWELL 174 - Water Polo
SWELL 175 - Scuba Diving, Beginning
SWELL 176 - Scuba Diving, Intermediate
SWELL 179 - Aqua Fitness
SWELL 181 - Tennis, Beginning
SWELL 182 - Tennis, Intermediate
SWELL 186 - Volleyball, Beginning
SWELL 187 - Volleyball, Intermediate
SWELL 191 - Weight Training
SWELL 277 - Techniques of Lifeguarding
SWELL 278 - Water Safety Instructor Training

All Programs

Bioinformatics (BS)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
62

Major Academic Plan
MAPS - BS in Bioinformatics 2026-2027.docx

Learning Outcomes

Title
Broad Understanding of Biology

Learning Outcome
Students will interpret relationships among living things and analyze and solve biological problems, from the molecular to ecosystem level using basic biological concepts, grounded in foundational theories.

Title
Computer Programming

Learning Outcome
Students will design computer programs to facilitate biological data analysis. (BYU AIMS 1,2,3)

Title
Research and Inquiry

Learning Outcome
Students will be able to conduct basic bioinformatics research. (BYU AIMS 2,3,4)

Program Requirements

Requirement 1 — Complete 7 Courses

BIO130 Biology - Biology 4.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO166 Bio Skills: Workflows - Bio Skills: Workflows 1.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 1 of 2 Courses

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

Requirement 3 — Complete 1 of 2 Courses

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

Requirement 4 — Complete 7 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S240 Adv Software Construction -Adv Software Construction 4.0

C S474 Deep Learning - Deep Learning 3.0

MATH112 Calculus 1 - Calculus 1 4.0

Requirement 5 — Complete 1 of 2 Courses

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

Requirement 6 — Complete 8 Hours

Note: Up to 2 total credit hours of BIO 194, BIO 399R, and/or BIO 494R are allowed. Note: Either BIO 370 or PHIL 212R can be used to partially fulfill this requirement, but not both.

BIO129 Biology Teaching and Learning - Biology Teaching and Learning 1.0

BIO160 AI in Medicine - Artificial Intelligence in Medicine 1.0

BIO194 Intro to Mentored Research - Intro to Mentored Research 0.5

BIO350 Ecology - Ecology 3.0

BIO362 Computational Cancer Biology - Computational Cancer Biology 3.0

BIO370 Bioethics - Bioethics 2.0

BIO399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 0.5v

BIO410 Con Bio - Conservation Biology 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO368 Genomics - Genomics 3.0

BIO494R Mentored Research- Mentored Research - *You may take up to 2.0 credit hours* 0.5v

BIO530 Advanced Genetic Analysis - Advanced Genetic Analysis 3.0

BIO555 Evolutionary & Ecol Modeling - Evolutionary & Ecol Modeling 2.0

BIO560 Population Genetics - Population Genetics 4.0

BIO564 Machine Learning for Bio - Machine Learning for Bio 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL382 Developmental Biology - Developmental Biology 3.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry- Structural Biochemistry 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S260 Web Programming - Web Programming 3.0

C S270 Intro to Machine Learning- Intro to Machine Learning 3.0

C S340 Software Design - Software Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S474 Deep Learning - Deep Learning 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation- Ordinary Differential Equation 3.0

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT435 Nonparametric Stat Methods- Nonparametric Stat Methods 3.0

STAT531 Experimental Design and Causal - Experimental Design 3.0

Requirement 7 — Complete 1 Course

BIO497 Field Exam and Exit Survey - Field Exam and Exit Survey 0.0

Biology (BS)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
60

Major Academic Plan
MAPS - BS in Biology 2026-2027.docx

Learning Outcomes

Title
Broad Understanding of Biology

Learning Outcome
Students will use basic biological concepts, grounded in the foundational theories, to interpret relationships among living things and to analyze and solve biological problems, from the molecular to ecosystem level.

Title
Skills and Tools for Discovery

Learning Outcome
Students will be able to conduct basic biology research.

Title
Meet standards of professionalism

Learning Outcome
Students will demonstrate professionalism (e.g., scientific integrity, intellectual honesty) and competency (effective verbal and written communication, accurate knowledge base) required by employers or graduate school.

Program Requirements

Requirement 1 — Complete 5 Courses

BIO130 Biology - Biology4.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 1 of 2 Courses

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

Requirement 3 — Complete 2 Requirements

Requirement 3.1 — Complete 7 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2- General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

Requirement 3.2 — Complete 1 of 2 Courses

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

MATH112 Calculus 1 - Calculus 1 4.0

Requirement 4 — Complete 19 hours

Note: BIO 220 and BIO 230, if taken for requirement 2, do not double count here. Note: Students may count either BIO 370 (Bioethics) or PHIL 212R (Intro to Medical Ethics) toward their overall electives but not both. The Biology major will only accept a maximum of 2 credit hours between BIO 194, BIO 399R, and/or BIO 494R towards its requirements.

BIO120 Field Biology - Field Biology 3.0

BIO129 Biology Teaching and Learning - Biology Teaching and Learning 1.0

BIO160 AI in Medicine - AI in Medicine 1.0

BIO194 Intro to Mentored Research - Intro to Mentored Research 0.5

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO242 Curation of Biodiv. Coll. - Curation of Biodiv. Coll. 1.0

BIO310 Comparative Animal Physiology - Comparative Animal Physiology 4.0

BIO370 Bioethics - Bioethics 2.0

BIO399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 0.5v

MMBIO410 Hematology Laboratory - Con Bio 3.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 4.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO455 Plant Ecology - Plant Ecology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

BIO368 Genomics - Genomics 3.0

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

BIO375 Plant Development and Morph. - Plant Development and Morph 3.0

BIO494R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

BIO510 Biological Systemat Curation - Biological Systemat Curation 2.0

BIO511 Lichenology - Lichenology 3.0

BIO520 Symbiosis - Symbiosis 3.0

BIO530 Advanced Genetic Analysis - Advanced Genetic Analysis 3.0

BIO541 Aquatic Entomology - Aquatic Entomology 4.0

BIO550 Behavioral Ecology - Behavioral Ecology 3.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

BIO560 Population Genetics - Population Genetics 4.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL305 Human Physiology - Human Physiology 4.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO350 Genetic Counseling - Genetic Counseling 3.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO368 Genomics - Genomics 3.0

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

PHIL212R Intro to Applied Ethics - Intro to Applied Ethics - *You may take once* 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS446 Ornithology- Ornithology 3.0

PWS368 Genomics - Genomics 3.0

Requirement 5 — Complete 1 Course

BIO497 Field Exam and Exit Survey - Field Exam and Exit Survey 0.0

See catalog for recommended courses for career options in Botany, Preveterinary Medicine, and/or Premedical and Predental.

Wildlife & Wildlands Conservation (BS)

Program Information

Minimum Credit Hours
67

Maximum Credit Hours
67

Major Academic Plan
MAPS - BS in Wildlife & Wildlands Conservation 2026-2027.docx

Learning Outcomes

Title
Stewardship and Professional Judgement

Learning Outcome
Students will demonstrate professional judgment and stewardship of natural resources.

Title
Plant and Wildlife Identification

Learning Outcome
Identify wildland plants and wildlife species and describe how they function in the environment.

Title
Wildlands Management

Learning Outcome
Apply knowledge of plant and wildlife ecology to management of wildlands.

Title
ToolsTools, Techniques, and Application

Learning Outcome
Demonstrate ability to solve ecological and management problems by applying appropriate tools techniques analytical thought and the scientific method.

Title
Multi-disciplinary Teams

Learning Outcome
Be leaders in and important contributing members of multi-disciplinary teams.

Program Requirements

Requirement 1 — Complete 19 Courses

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS115 Intro to Wildlife & Wildlands - Intro to Wildlife & Wildlands 1.0

PWS135 Safety Certifications - Safety Certifications 1.0

PWS215 Principles of Range Management - Principles of Range Management 3.0

PWS225 Prin of Wildlife & Fishery Mgt - Prin of Wildlife & Fishery Mgt 3.0

PWS275 Genetics & Reproduction - Genetics & Reproduction 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS330 Range & Forest Plant ID & Ecol - Range & Forest Plant ID & Eco 3.0

PWS335 Comparative Animal Nutrition - Comparative Animal Nutrition 3.0

PWS344 Natural History of Wildlife - Natural History of Wildlife 3.0

PWS350 Rangeland and Wildlife Ecology - Rangeland and Widlife Ecology 3.0

PWS355 Range and Forest Veg Measures - Rangeland Veg Measurements 3.0

PWS357 Tech Wldlf Invstgn & Mgmnt - Tech Wldlf Invstgn & Mgmnt 3.0

PWS416 Range & Forest Rest and Manage - Range & Forest Rest and Manage 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS446 Ornithology - Ornithology 3.0

PWS447 Mammals of North America - Mammals of North America 3.0

PWS492 Wildlife Senior Seminar - Wildlife Senior Seminar 1.0

Requirement 2 —Complete 15 hours

Complete 15 elective credit hours from the following course list. With the help of your advisor, select courses to qualify for 2-3 federal job series (wildlife biologist, ecologist, range conservationist, GIS specialist, soil conservationist, botanist, fisheries biologist):

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO235 Field Botany - Field Botany 3.0

BIO 270 - Animal Restraint *This course is no longer available for registration* 1.0

BIO310 Comparative Animal Physiology - Comparative Animal Physiology 4.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 3.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO525 Anim Disease, Zoonoses - Anim Disease, Zoonoses 3.0

BIO541 Aquatic Entomology - Aquatic Entomology 4.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

CELL382 Developmental Biology - Developmental Biology 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

PWS270 Animal Husbandry - Animal Husbandry 3.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS315 Conflict Resolution Mgt - Conflict Resolution Mgt 1.0

PWS324 Wildlife Law Enforcement - Wildlife Law Enforcement 3.0

PWS325 Fisheries & Wetlands Mgt - Fisheries & Wetlands Mgt 3.0

PWS411 Watershed Ecology & Management - Watershed Ecology & Management 3.0

PWS419 Forest Measures, Manage & Ecol - Forest Measures, Manage & Ecol 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS511 Environmental Biophysics - Environmental Biophysics 4.0

PWS512 Range Landscape Ecology & GIS - Range Landscape Ecology & GIS 3.0

PWS547 Ungulate Conservation & Mgt - Ungulate Conservation & Mgt 2.0

PWS553 Restoration Ecology - Restoration Ecology 3.0

PWS554 Wildlife Behavioral Ecology - Wildlife Behavioral Ecology 3.0

Requirement 3 —Complete 1 Course

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

Recommended Courses are not required to complete the program

Recommended courses for preprofessional track. These recommended preprofessional courses can be used to satisfy the elective credits above.

CELL120 Science of Biology - Science of Biology 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

Recommended Courses are not required to complete the program

One of the following courses is recommended:

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

Recommended Courses are not required to complete the program

Students interested in GIS applications should consider a minor in geographic information systems (20-23 hours). See the Geography Department for details.

Biological Science Education (BS)

Program Information

Minimum Credit Hours
73

Maximum Credit Hours
74

Major Academic Plan
MAPS - BS in Biological Science Education 2026-2027.docx

Learning Outcomes

Title
Broad Understanding of Biology

Learning Outcome
Students will use basic biological concepts, grounded in the foundational theories, to interpret relationships among living things and to analyze and solve biological problems, from the molecular to ecosystem level. (BYU AIMS 1,2,3)

Title
PAES Standards

Learning Outcome
Students will apply theory to practice through learning, experimentation, critical analysis, practice, and reflection, and prepare for the PAES evaluation. (BYU AIMS 1-4)

Title
Instructional Design

Learning Outcome
Students will design and produce a written instructional unit that incorporates all ten principles of the Interstate New Teacher Assessment and Support Consortium (INTASC). (BYU AIMS 1-4)

Title
Preparation for Licensure

Learning Outcome
Students will meet the entry level standards for teacher licensure.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Students wishing to enter the Biological Science Education (BSE) program must declare the premajor, complete Bio 130, Bio 220, Chem 105, and Bio 276, and meet and maintain minimum GPA requirements of 2.85 in the major and 3.0 cumulative, prior to making application via educator.byu.edu. Students obtaining a teaching minor must also student teach at least one period in the minor, when available.

Requirement 1 — Complete 7 Courses

Biology core. NOTE: Bio 420, 421 must be taken at BYU.

BIO130 Biology - Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 4 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 — Complete 1 of 4 Courses

BIO310 Comparative Animal Physiology - Comparative Animal Physiology 4.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

Requirement 4 — Complete 1 of 7 Courses

BIO120 Field Biology - Field Biology 3.0

BIO235 Field Botany - Field Botany 3.0

BIO441 Entomology - Entomology 4.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

PWS446 Ornithology - Ornithology 3.0

Requirement 5 — Complete 1 Course

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

Requirement 6 — Complete 2 Requirements

Professional Education Component:

Requirement 6.1 — Complete 9 Courses

BIO276 Exploration of Tch in Biol Sci - Exploration of Tch in Biol Sci 3.0

BIO377 Tchg Mthds & Instrctn in Biol - Tchg Mthds & Instrctn in Biol 3.0

BIO378 Practicum in Biology Teaching - Practicum in Biology Teaching 1.0

BIO379 Classroom Mgt & Lab Safety - Classroom Mgt & Lab Safety 1.0

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Note 1: Application on educator.byu.edu, including FBI fingerprint and background clearance, must be completed prior to enrollment in Bio 276.

Note 2: Bio 377, 378, and 379 should be taken concurrently in the semester prior to taking Bio 476.

Note 3: Most states require the Biology Praxis Exam for employment in High School and the Middle Level Science Praxis Exam for teaching in grades 6-8.

Requirement 6.2 — Complete 12 hours

BIO476 Biology Student Teaching - Biology Student Teaching - *You may take up to 12.0 credit hours* 12.0

BIO496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

Requirement 7 —Complete 1 Course

BIO497 Field Exam and Exit Survey - Field Exam and Exit Survey 0.0

Recommended Courses are not required to complete the program

Although not required, these courses are recommended.

BIO235 Field Botany - Field Botany 3.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 4.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

GEOL103 Life of the Past - Life of the Past 3.0

GEOL112 Historical Geology - Historical Geology 4.0

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS446 Ornithology - Ornithology 3.0

Biodiversity & Conservation (BS)

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
60

Major Academic Plan
MAPS - BS in Biodiversity & Conservation 2026-2027.docx

Learning Outcomes

Title
Broad Understanding of Biology

Learning Outcome
Students will use basic biological concepts, grounded in the foundational theories, to interpret relationships among living things and to analyze and solve biological problems, from the molecular to ecosystem level.

Title
Tools and Skill Development

Learning Outcome
Students will be able to conduct basic conservation biology research.

Title
Professional and Career Development

Learning Outcome
Students will demonstrate professionalism (e.g., scientific integrity, intellectual honesty) and competency (effective verbal and written communication, accurate knowledge base) required by employers or graduate school.

Program Requirements

Requirement 1 — Complete 11 Courses

BIO130 Biology- Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO350 Ecology - Ecology 3.0

BIO410 Con Bio- Conservation Biology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 2 hours

Complete at least 2.0 credit hours. More may be taken if desired but will not count toward the major credits.

BIO194 Intro to Mentored Research- Intro to Mentored Research 0.5

BIO399R Academic Internship - Academic Internship - *You may take once* 0.5v

BIO494R Mentored Research- Mentored Research - *You may take up to 2.0 credit hours* 0.5v

Requirement 3 — Complete 3 of 11 Courses

Biodiversity and conservation courses:

BIO235 Field Botany- Field Botany 3.0

BIO375 Plant Development and Morph. - Plant Development and Morph 3.0

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 4.0

BIO443 Ichthyology - Ichthyology 3.0

BIO445 Herpetology - Herpetology 4.0

BIO447 Mammalogy - Mammalogy 3.0

BIO452 Marine Biology - Marine Biology 3.0

BIO455 Plant Ecology - Plant Ecology 3.0

BIO520 Symbiosis - Symbiosis 3.0

PWS446 Ornithology - Ornithology 3.0

Requirement 4 — Complete 8 hours

Elective courses - complete AT LEAST 8.0 hours. (Note: Either BIO 370 or PHIL 212R can be used to partially fulfill this requirement, but not both.)

BIO120 Field Biology - Field Biology 3.0

BIO129 Biology Teaching and Learning - Biology Teaching and Learning 1.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO166 Bio Skills: Workflows - Bio Skills: Workflows 1.0

BIO242 Curation of Biodiv. Coll.- Curation of Biodiversity Collections 1.0

BIO310 Comparative Animal Physiology - Comparative Animal Physiology 4.0

BIO368 Genomics - Genomics 3.0

BIO370 Bioethics - Bioethics 2.0

BIO470 History&Philosophy of Biology - History&Philosophy of Biology 3.0

BIO510 Biological Systemat Curation - Biological Systemat Curation 3.0

BIO511 Lichenology - Lichenology 3.0

BIO550 Behavioral Ecology - Behavioral Ecology 3.0

BIO555 Evolutionary & Ecol Modeling - Evolutionary & Ecol Modeling 2.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

BIO560 Population Genetics - Population Genetics 4.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG303 Biogeography - Biogeography 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MMBIO368 Genomics - Genomics 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics - *You may take once* 3.0

PWS282 Soil Science - Soil Science 3.0

PWS411 Watershed Ecology & Management - Watershed Ecology & Management 3.0

PWS419 Forest Measures, Manage & Ecol- Forest Measures, Manage & Ecol 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS368 Genomics - Genomics 3.0

Requirement 5 —Complete 1 Course

BIO497 Field Exam and Exit Survey - Field Exam and Exit Survey 0.0

Nutritional Science (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Learning Outcomes

Title
Research Design and Methods

Learning Outcome
Develop and conduct scientific research using appropriate design and ethical principles.

Title
Evaluate Evidence for the Role of Nutrition in Human Health

Learning Outcome
Critically evaluate, summarize, and present evidence for the role of nutrition in optimizing human health and preventing, managing, or treating chronic diseases.

Program Requirements

Requirement 1 — Complete 2 Courses

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

Requirement 2 — Complete 10 hours

After consulting with a faculty advisor,

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS305 Nutr Implications of Disease - Nutr Implications of Disease 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS399R Academic Internship - Academic Internship - *You may take up to 1.0 credit hours* 0.5v

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS434 Nutr Bio-organic Chemistry - Nutr Bio-organic Chemistry 4.0

NDFS435 Nutr Biochem & Metabolism - Nutr Biochem & Metabolism 4.0

NDFS494R Undergrad Research in N D F S - Undergrad Research in N D F S - *You may take up to 1.0 credit hours* 0.5v

Food Science (BS)

Program Information

Minimum Credit Hours
66

Maximum Credit Hours
69

Major Academic Plan
MAPS - BS in Food Science 2026-2027.docx

Learning Outcomes

Title
Food Chemistry and Analysis

Learning Outcome
Evaluate and explain the chemical changes occurring during food processing and storage, including reactions involving carbohydrates, protein and fats, and demonstrate proficiency in using laboratory techniques common to basic and applied food chemistry.

Title
Food Safety and Microbiology

Learning Outcome
Assess and differentiate the role of microorganisms in food processing, food preservation, and food safety with respect to pathogenic, spoilage, and fermentative microorganisms, and apply the basic elements of sanitation and quality assurance programs to understand and control microbial effects in food to ensure the safety of food. Strengthen students testimonies in God's understanding of microbiology and the role it plays in our overall health and well-being.

Title
Food Processing and Engineering

Learning Outcome
Describe and apply principles of engineering as they relate to converting agricultural commodities to the finished products seen on the grocery store shelf.

Title
Applied Food Science

Learning Outcome
Apply the principles and various facets of food science, including quality assurance and sensory evaluation, in practical situations, problem solving, and product development.

Title
Success Skills

Learning Outcome
Demonstrate the skills that lead to success in a food science career, including oral and written communication, problem solving, use of library resources, evaluating information, time management, leadership, ethical decision making, and life-long learning.

Title
Spiritually Strengthening

Learning Outcome
Appreciate food science knowledge that is bathed in the light of the restored gospel of Jesus Christ.

Title
Building Christlike character

Learning Outcome
Cultivate integrity, ethical problem-solving, and an attitude of stewardship over the earth's edible resources, looking to Jesus Christ as the perfect example.

Title
Lifelong learning and service

Learning Outcome
Develop a commitment among the next generation of food science professionals to serve in our family and communities. Have students present solutions to improve food safety and sustainability in an underserved area (nation, community, etc).

Program Requirements

Requirement 1 —Complete 14 Courses

Core requirements:

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS191 Careers in Food Science - Careers in Food Science 1.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS350 Food Analysis - Food Analysis 4.0

NDFS355 Food Process Engineering - Food Process Engineering 3.0

NDFS361 Food Microbiology - Food Microbiology 3.0

NDFS362 Food Processing - Food Processing 2.0

NDFS462 Food Reg & Qual Assr - Food Reg & Qual Assr 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 —Complete 1 of 2 Options

Complete one of the following tracks:

Option 2.1 —Complete 2 Requirements

A. Food Science Technical Track:

Requirement 2.1.1 —Complete 25 hours

CELL120 Science of Biology - Science of Biology 3.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS464 Food Sensory Evaluation - Food Sensory Evaluation 2.0

NDFS465 Food Product Development - Food Product Development 3.0

Requirement 2.1.2 —Complete 1 Course

MATH112 Calculus 1 - Calculus 1 4.0

Option 2.2 —Complete 5 Requirements

B. Food Industry Management Track:

Requirement 2.2.1 —Complete 5 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

STRAT488 Agribusiness Management 1 - Agribusiness Management 1 3.0

Requirement 2.2.2 —Complete 1 hour

More than 1.0 hours counts for elective credit only.

NDFS399R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 2.2.3 —Complete 1 of 3 Courses

ENT 381 - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

Requirement 2.2.4 —Complete 1 of 4 Courses

ENT301 Business Model Validation - Business Model Validation 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS465 Food Product Development - Food Product Development 3.0

Requirement 2.2.5 — Complete 1 Course

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

Recommended Courses are not required to complete the program

A. Food Science Technical Track - recommended courses (consult with a faculty advisor before selecting):

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

STDEV150 Public Speaking - Public Speaking 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

WRTG316 Technical Communication - Technical Communication 3.0

Recommended Courses are not required to complete the program

B. Food Industry Management Track - recommended courses (consult with a faculty advisor before selecting):

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

WRTG316 Technical Communication - Technical Communication 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS450 Food Chemistry - Food Chemistry 3.0

NDFS464 Food Sensory Evaluation - Food Sensory Evaluation 2.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

STDEV150 Public Speaking - Public Speaking 3.0

Nutritional Science (BS)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
62

Major Academic Plan
MAPS - BS in Nutritional Science 2026-2027.docx

Learning Outcomes

Title
Nutritional Science Fundamentals

Learning Outcome
Identify the chemical structure of nutrients, their food sources, functions, and the scientific basis for nutrition requirements and dietary recommendations. Describe the processes of digestion, absorption, transport, and metabolism and the metabolic consequences of nutrient deficiencies, interactions, imbalances and toxicities.

Title
Diet in Health and Disease

Learning Outcome
Explain the role of dietary choices and interventions for optimizing health and preventing or ameliorating chronic disease and malnutrition.

Title
Nutritional Assessment

Learning Outcome
Assess nutritional status of individuals or populations.

Title
Research

Learning Outcome
Search, interpret, and summarize peer-reviewed scientific literature. Evaluate nutritional claims for accuracy. Design research for nutritional science that includes ethical considerations of using human and animal subjects.

Program Requirements

Requirement 1 — Complete 4 Courses

Core requirements:

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS194 Nutrition Research Fundamentls - Nutrition Research Fundamentls 1.0

NDFS435 Nutr Biochem & Metabolism - Nutr Biochem & Metabolism 4.0

Requirement 2 —Complete 6 hours

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

Requirement 3 —Complete 6 hours

Note: No more than 3 credits combined from NDFS 390 R, NDFS 399R, or 494R can be applied to this requirement.

CELL360 Cell Biology - Cell Biology 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS333 Nutrition and Genes - Nutrition and Genes 3.0

NDFS380 International Nutrition - International Nutrition 3.0

NDFS390R Spec Topics in NDFS - Special Topics- *You may take once* 0.5v

NDFS399R Academic Internship - Academic Internship - *You may take once* 0.5v

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS410 Human Obesity - Human Obesity 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

NDFS494R Undergrad Research in N D F S - Undergrad Research in N D F S - *You may take once* 0.5v

PWS340 Genetics - Genetics 3.0

Requirement 4 —Complete 1 of 2 Courses

Prerequisite to CELL 305, required below:

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 5 —Complete 11 Courses

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 6 —Complete 1 hour

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

Recommended Courses are not required to complete the program

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM 223 - Quant & Qual Analy 4.0 - *This course is not longer available.*

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

Note: Professional schools and graduate programs may require additional courses not required for the major, such as Phscs 106, 107, 108, or Math 119 or 112. Students should contact the program to which they may apply to determine the specific courses required.

Dietetics (BS) *

Program Information

Minimum Credit Hours
77.5

Maximum Credit Hours
81.5

Major Academic Plan
MAPS - BS in Dietetics 2026-2027.docx

Learning Outcomes

Title
Scientific Evidence

Learning Outcome
Integrate scientific information and translate research into practice. (2022 ACEND Standards KRDN 1.1-1.3)

Title
Professional Practice

Learning Outcome
Demonstrate professionalism in beliefs, values, attitudes and behaviors, and communication. (2022 ACEND Standards KRDN 2.1-2.9)

Title
Nutrition Care Process

Learning Outcome
Explain and apply all areas of the nutrition care process. (2022 ACEND Standards KRDN 3.1-3.6)

Title
Management and Resource Use

Learning Outcome
Apply principles of management and systems in provision of services to individuals and organizations (2022 ACEND Standards KRDN 4.1-4.7)

Title
Leadership and Career Management

Learning Outcome
Develop leadership skills for professional growth as a nutrition and dietetics practioner. (2022 ACEND Standards KRDN 5.1-5.6)

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other

than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

Requirement 1 —Complete 10 Courses

COMPLETE THE FOLLOWING PREREQUISITE COURSES (TO BE COMPLETED BEFORE PROFESSIONAL SEQUENCE).

CELL305 Human Physiology - Human Physiology 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS250 Essentials of Food Science - Essentials of Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

NDFS290 Intro to Dietetics - Intro to Dietetics 1.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 —Complete 1 of 2 Courses

Complete 1 prerequisite course before professional sequence

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 3 —Complete 1 of 2 Courses

Complete 1 prerequisite course before professional sequence

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

Requirement 4 —Complete 1 Options

Department Admission Requirements:

- Students must apply by February 15th for admission into the professional sequence in the fall. Four of the prerequisite courses in Requirement 1 (option 1.1 and 1.2) must be completed at time of application. Requirement 1 (option 1.1 and 1.2) must be completed at time of entrance into the professional sequence in the fall.

- Enrollment is limited to 40 students per year.

- Major GPA, dietetics-related experience, and letters of recommendation will be considered.

- Successful applicants typically have a major and cumulative GPA greater than 3.0 and nutrition, dietetics, and food science grades greater than B-.

- Applicants need at least 150 hours of dietetics-related work and/or volunteer experience.

Requirement 5 —Complete 16 Courses

Professional sequence courses (after being admitted into the program):

NDFS300 Med Nutr Therapy 1 - Med Nutr Therapy 1 4.0

NDFS356 Med Nutr Therapy 2 - Med Nutr Therapy 2 3.0

NDFS374 Food Prod Mgmt - Food Prod Mgmt 2.0

NDFS375 Food Production Mgmt Lab - Food Production Mgmt Lab 3.0

NDFS400 Community Nutrition - Community Nutrition 3.0

NDFS405 Nutrition Assessment Lab - Nutrition Assessment Lab 0.5

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

NDFS434 Nutr Bio-organic Chemistry - Nutr Bio-organic Chemistry 4.0

NDFS440 Nutrition Educ & Counseling - Nutrition Educ & Counseling 3.0

NDFS445 Foodservice Systems - Foodservice Systems 3.0

NDFS455 Financial Mgt in Dietetics - Financial Mgt in Dietetics 3.0

NDFS458 Mgmt in Dietetics - Mgmt in Dietetics 3.0

NDFS466 Adv Dietetics Prac - Adv Dietetics Prac 3.0

NDFS475 Res in Dietetics - Res in Dietetics 2.0

NDFS490 Professionalism in Dietetics - Professionalism in Dietetics 1.0

NDFS491 Internship Preparation - Internship Preparation 1.0

Requirement 6 —Complete 1 of 9 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL365 Pathophysiology - Pathophysiology 4.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB250 Financial Management - Financial Management 3.0

NDFS237 Intro to Culinary Arts - Intro to Culinary Arts 2.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

NDFS380 International Nutrition - International Nutrition 3.0

STDEV150 Public Speaking - Public Speaking 3.0

Requirement 7 —Complete 1 of 3 Courses

ANTHR101 Culture and Human Experience - Cultural Anthropology 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC113 Multicultural America - Multicultural America 3.0

Recommended Minors: The following minors are very complementary to a dietetics major, but any area of interest could be considered: Business, Gerontology (see School of Family Life), International Development, Spanish.

Microbiology (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
19

Program Requirements

Note: Prerequisites for the following courses are required. They should be filled for students in a coupled major.

Requirement 1 — Complete 3 Courses

MMBIO151 Microbiology - Microbiology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

Requirement 2 — Complete 2 of 7 Courses

Upper Level Courses:

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

Requirement 3 — Complete 1 of 4 Courses

Upper Level Lab Course: (NOTE: Taking MMBIO 360 for Requirement 2 also fulfills Requirement 3. See advisement center.)

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

Molecular Biology (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Molecular Biology Fundamentals

Learning Outcome
Understand and apply the principles and techniques of molecular biology which prepares students for further education and/or employment in teaching, basic research, or the health professions.

Title
Research Development and Practice

Learning Outcome
Formulate and carry out independent and collaborative research projects.

Title
Effective Communication

Learning Outcome
Communication skills in presenting their research findings through effective oral and written presentations.

Program Requirements

Requirement 1 — Complete 4 Courses

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO368 Genomics - Genomics 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 6 hours

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

Note: Be aware of prerequisites for the above courses (usually filled in a coupled major).

Microbiology (BS)

Program Information

Minimum Credit Hours
57

Maximum Credit Hours
60

Major Academic Plan
MAPS - BS in Microbiology 2026-2027.docx

Learning Outcomes

Title
Integrate Faith and Scientific Inquiry

Learning Outcome
Faculty will strive to prepare a new generation of microbiologists that are capable of excelling in careers of their choosing. Students will strive to deepen their faith in Jesus Christ and their understanding of His restored gospel as they learn the physiology, genetics, diversity, pathogenesis, immunology, and other aspects of microbial life. The program will encourage students to use existing knowledge and the scientific method to search for truth, gain a better understanding of God's creations, strengthen their faith and testimony of His divine purposes, and excel in their chosen career. Faculty and staff will strive to teach truth to deepen students' conviction that "there is no conflict between science and religion "; that "all truth is part of the gospel of Jesus Christ"; and recognize that "whatever principle of intelligence we attain unto in this life, it will rise with us in the resurrection"

Title
Cultivate Scientific Excellence

Learning Outcome
We will strive to cultivate scientific excellence through scholarly and experiential learning in an appropriate learning environment. Students will strive to develop a strong foundation in the principles of microbiology through rigorous coursework and hands-on laboratory experience, undergraduate research, and other inspiring learning opportunities. Faculty will strive to emphasize and reinforce vocabulary, analytical skills, logical reasoning, critical thinking, and effective scientific communication to students. Faculty and students will also strive to continually seek divine guidance and recognize that "research and education are religious responsibilities", and emphasize to students that "whether truth comes from a scientific laboratory or by revelation from the Lord, it is compatible"

Title
Foster Character and Ethical Leadership

Learning Outcome
Students will strive to demonstrate faith-based habits and character traits including charity, virtue, confidence, integrity, civility, and ethical decision-making in personal, familial, academic, and professional settings. The program will prepare students to become disciple-leaders who can address current and future health, environmental, and societal challenges with consistent moral clarity and a Christ-centered perspective.

Title
Prepare for Exemplary Lifelong Learning and Service

Learning Outcome
Students will be equipped with the tools, habits, knowledge, motivation, and gospel foundation for ongoing professional development and meaningful contributions to their family and communities after graduation. Graduates of the program will be prepared to pursue advanced education or careers in microbiology, healthcare, education, or other fields. Faculty and students will strive to exemplify and emulate the teachings of the Church of Jesus Christ of Latter-Day Saints by lifting others as they "go forth and serve" their families, communities, others, and the Lord; remembering that "when ye are in the service of your fellow beings ye are only in the service of your God".

Title
Build a Nurturing, Covenant-Belonging Community

Learning Outcome
Faculty and students will strive to "believe in, belong to and become like Jesus Christ", which will enable a supportive and inclusive environment where all students feel valued, respected, and part of a covenant community. All members of this community are invited to emulate the Savior and to honor their covenants by promoting belonging, collaboration, and mutual respect in their interactions.

Program Requirements

Requirement 1 — Complete 1 of 3 Courses

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

Requirement 2 —Complete 4 Courses

MMBIO151 Microbiology - Microbiology 4.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

Requirement 3 —Complete 12 hours

MMBIO360 Bacterial Genetics - Bacterial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO385 Phage Genetics - Phage Genetics 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

Requirement 4 —Complete 4 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

Requirement 5 —Complete 1 of 2 Courses

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

Requirement 6 —Complete 1 of 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 7 —Complete 14 hours

A course used to fulfil requirements 1-6 may not be used to fulfil requirement 7. For certain elective courses, a limited number of credit hours can count towards this elective requirement.

Option 7.1 —Complete at least 10 hours up to 14 hours

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO350 Ecology - Ecology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

MMBIO110R Extremophiles - Extremophiles - *You may take once* 1.0

MMBIO122 Gen Biol: Health/Disease Lab - Gen Biol: Health/Disease Lab 1.0

MMBIO162R Careers in Biomed Sciences - Careers in Biomed Sciences - *You may take once* 1.0

MMBIO194 Phage Discovery - Phage Discovery 3.0

MMBIO195 Phage Comparative Genomics - Phage Comparative Genomics 3.0

MMBIO250 Careers in Genetic Counseling - Careers in Genetic Counseling 3.0

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO390R Readings in Molecular Biology - Readings in Molecular Biology - *You may take up to 1.0 credit hours* 1.0

MMBIO399R Academic Internship - Academic Internship - *You may take up to 4.0 credit hours* 1.0v

MMBIO409 Hematology - Hematology 3.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

MMBIO368 Genomics - Genomics 3.0

MMBIO471 Applied Microbiology - Applied Microbiology 2.0

MMBIO490R Molecular Biology Seminar - Molecular Biology Seminar - *You may take once* 1.0

MMBIO493R Curr and Instruct Practicum - Curr and Instruct Practicum - *You may take up to 2.0 credit hours* 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO510 Hist & Philos Micro & Mol Biol - Hist & Philos Micro & Mol Biol 2.0

MMBIO518 Select Pathogens - Select Pathogens 2.0

MMBIO522 Flow Cytometry - Flow Cytometry 2.0

MMBIO528 Scientific Literacy - Current Topics in Pathogenesis - *You may take once* 1.0

NDFS361 Food Microbiology - Food Microbiology 3.0

NDFS544 Food Fermentations - Food Fermentations 2.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PWS340 Genetics - Genetics 3.0

PWS365 Biogeochem - Biogeochem 3.0

PWS470 Genomic Analysis - Genomic Analysis 3.0 - *This course is no longer available.*

PWS514 Soil Microbiology - Soil Microbiology 2.0

Option 7.2 —Complete up to 4 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 8 —Complete 1 Course

MMBIO498 Reflections on Learning - Reflections on Learning 0.0

Molecular Biology (BS)

Program Information

Minimum Credit Hours
56

Maximum Credit Hours
59

Major Academic Plan
MAPS - BS in Molecular Biology 2026-2027.docx

Learning Outcomes

Title
Molecular Biology Fundamentals

Learning Outcome
Understand and apply the principles and techniques of molecular biology which prepares students for further education and/or employment in teaching, basic research, or the health professions.

Title
Research Development and Practice

Learning Outcome
Formulate and carry out independent and collaborative research projects.

Title
Effective Communication

Learning Outcome
Communication skills in presenting their research findings through effective oral and written presentations.

Program Requirements

Requirement 1 — Complete 1 of 3 Courses

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

Requirement 2 —Complete 10 Courses

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO390R Readings in Molecular Biology - Readings in Molecular Biology - *You may take once* 1.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO368 Genomics - Genomics 3.0

MMBIO490R Molecular Biology Seminar - Molecular Biology Seminar - *You may take once* 1.0

PWS340 Genetics - Genetics 3.0

Requirement 3 —Complete 2 hours

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO385 Phage Genetics - Phage Genetics 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

Requirement 4 —Complete 4 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

PHSCS105 General Physics 1 - General Physics 1 3.0

Requirement 5 —Complete 1 of 2 Courses

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

Requirement 6 —Complete 1 of 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 7 —Complete 13 hours

A course used to fulfil requirements 1-6 may not be used to fulfil Requirement 7. For certain elective courses, a limited number of credit hours can count toward this elective requirement.

Option 7.1 —Complete at least 9 hours up to 13 hours

BIO166 Bio Skills: Workflows - Bio Skills: Workflows 1.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO350 Ecology - Ecology 3.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL382 Developmental Biology - Developmental Biology 3.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

MMBIO110R Extremophiles - Extremophiles - *You may take once* 1.0

MMBIO122 Gen Biol: Health/Disease Lab - Gen Biol: Health/Disease Lab 1.0

MMBIO151 Microbiology - Microbiology 4.0

MMBIO162R Careers in Biomed Sciences - Careers in Biomed Sciences - *You may take once* 1.0

MMBIO194 Phage Discovery - Phage Discovery 3.0

MMBIO195 Phage Comparative Genomics - Phage Comparative Genomics 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO250 Careers in Genetic Counseling - Careers in Genetic Counseling 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO294R Mentored Research - Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO360 Bacterial Genetics - Bacterial Genetics 4.0

MMBIO363 Microbial Ecology - Microbial Ecology 2.0

MMBIO364 Bacterial Pathogenesis - Bacterial Pathogenesis 3.0

MMBIO365 Bacterial Pathogenesis Lab - Bacterial Pathogenesis Lab 1.0

MMBIO366 Microbial Ecology Lab - Microbial Ecology Lab 1.0

MMBIO399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 1.0v

MMBIO409 Hematology - Hematology 3.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

MMBIO463 Immunology - Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO466 Virology Laboratory - Virology Laboratory 1.0

MMBIO467 Immunology Lab - Immunology Lab 1.0

MMBIO471 Applied Microbiology - Applied Microbiology 2.0

MMBIO493R Curr and Instruct Practicum - Curr and Instruct Practicum - *You may take once* 2.0

MMBIO494R Advanced Mentored Research - Advanced Mentored Research - *You may take up to 2.0 credit hours* 0.5v

MMBIO510 Hist & Philos Micro & Mol Biol - Hist & Philos Micro & Mol Biol 2.0

MMBIO518 Select Pathogens - Select Pathogens 2.0

MMBIO522 Flow Cytometry - Flow Cytometry 2.0

MMBIO528 Scientific Literacy - Current Topics in Pathogenesis - *You may take once* 1.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PWS470 Genomic Analysis - Genomic Analysis 3.0

Option 7.2 —Complete up to 4 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 8 —Complete 1 Course

MMBIO498 Reflections on Learning - Reflections on Learning 0.0

Medical Laboratory Science (BS) *

Program Information

Minimum Credit Hours
62

Maximum Credit Hours
62

Major Academic Plan
MAPS - BS in Medical Laboratory Science 2026-2027.docx

Learning Outcomes

Title
Laboratory Tests and Diagnostics

Learning Outcome
Students will understand and perform clinical laboratory tests in the areas of hematology, clinical chemistry, immunohematology, microbiology, serology/ immunology, coagulation, molecular diagnostics, and other emerging diagnostics.

Title
Clinical Professionalism

Learning Outcome
Students will demonstrate clinical professionalism through a commitment to continuing education, effective communication with members of the healthcare team, and the ethical practice of laboratory medicine.

Title
Laboratory Management and Organization

Learning Outcome
Students will develop foundational skills in supervising clinical laboratory testing procedures, applying quality assurance principles that comply with CLIA regulations and current industry standards.

Title
Medical Laboratory Science and the Gospel of Jesus Christ

Learning Outcome
Students will consider how the gospel of Jesus Christ influences their practice as medical laboratory scientists. They will also reflect on how the principles of medical laboratory science enhance their understanding of the gospel of Jesus Christ.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

Requirement 1 —Complete 13 Courses

Program Prerequisites:

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

MMBIO102 Intro Clin Lab Tec - Intro Clin Lab Tec 1.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

PWS340 Genetics - Genetics 3.0

Requirement 2 —Complete 10 Courses

Program courses:

MMBIO405 MLS Laboratory Operations - MLS Laboratory Operations 1.0

MMBIO406 Clinical Chemistry - Clinical Chemistry 4.0

MMBIO407 Clinical Microbiol - Clinical Microbiol 5.0

MMBIO409 Hematology - Hematology 3.0

MMBIO410 Hematology Laboratory - Hematology Laboratory 2.0

MMBIO411 Molecular Diagnostics - Molecular Diagnostics 3.0

MMBIO412 Immunohematology - Immunohematology 4.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO419 Clinical Parasitology Lab - Clinical Parasitology Lab 1.0

MMBIO491 Apps in Lab Medicn - Apps in Lab Medicn 1.0

Requirement 3 —Complete 2 hours

Complete an internship experience. Complete at least 2 hours from the following:

MMBIO496R Clinical Experience - Clinical Experience - *You may take once* 1.0v

Recommended Courses are not required to complete the program

Although not required, these courses are recommended.

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Neuroscience (BS)

Program Information

Minimum Credit Hours
66

Maximum Credit Hours
69

Major Academic Plan
MAPS - BS in Neuroscience 2026-2027.docx

Learning Outcomes

Title
Knowledge of the Discipline

Learning Outcome
Comprehend, apply, and synthesize knowledge of the discipline of neuroscience, and have the necessary knowledge and skills leading to successful employment or further schooling.

Title
Effective Scientific Analysis and Communication

Learning Outcome
Critically evaluate current scientific literature and effectively communicate ideas integrating research hypotheses and data.

Title
Experiential Learning

Learning Outcome
Apply the principles of neuroscience in a mentored research setting (449R), in an internship setting (496R), or in a laboratory skills and methods course setting (481).

Program Requirements

Requirement 1 — Complete 4 Courses

Major core courses:

NEURO205 Neurobiology - Neurobiology 3.0

NEURO360 Neuroanatomy - Neuroanatomy 2.0

NEURO460 Behavioral Neuroscience - Behavioral Neuroscience 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

Requirement 2 —Complete 4 Courses

Life sciences courses:

CELL120 Science of Biology - Science of Biology 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

Requirement 3 —Complete 2 Courses

Psychology courses:

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH375 Cognition - Cognition 3.0

Requirement 4 —Complete 5 Courses

Chemistry courses:

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

Requirement 5 —Complete 1 of 2 Options

Complete ONE of the following physics course options:

Option 5.1 —Complete 2 Courses

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

Option 5.2 —Complete 3 Courses

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

Requirement 6 —Complete 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 7 —Complete 1 hour

Complete at least 1.0 hour from the following courses. Off-campus internships (Neuro 399R) and on-campus research experiences (Neuro 449R) should be sought early in your BYU education. An approved internship application submitted to the neuroscience internship supervisor is required for Neuro 399R. Instructor permission is required for Neuro 349R and Neuro 449R.

NEURO349R Teaching Experience - Teaching Experience 1.0v

NEURO399R Academic Internship - Academic Internship 0.5-12.0

NEURO449R Neuro Research Experience - Neuro Research Experience 0.5-3.0

NEURO481 Neuroscience Laboratory - Neuroscience Laboratory 1.0

Requirement 8 —Complete 1 hour

Enroll in this course for two separate semesters to earn the required 1.0 credit.

NEURO455R Neuro Seminar - Neuro Seminar - *Take 2 times* 0.5

Requirement 9 —Complete 8 hours

Electives: Complete 8.0 hours from the following elective list. Courses taken to fulfill the requirements above cannot double count in this requirement.

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CHEM481 Biochemistry - Biochemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

COMD213 Hearing Science & Acoustics - Hearing Science & Acoustics 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

NEURO390R Special Topics - Special Topics 1.0-3.0

NEURO420 Neuropathology - Neuropathology 3.0

NEURO420R Sen. Practicum: Comm Proj - Sen. Practicum: Comm Proj - *You may take once* 1.0v

NEURO455R Neuro Seminar - Neuro Seminar 0.5

NEURO481 Neuroscience Laboratory - Neuroscience Laboratory 1.0

PSYCH342 Psychopathology - Psychopathology 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

PWS340 Genetics - Genetics 3.0

Requirement 10 — Obtain confirmation from your advisement center that you have completed the following:

Complete an exit interview. Students will be contacted by the Neuroscience Center office during their last semester to complete this requirement.

Note 1: Neuro 349 R, Neuro 399R, Neuro 449R, Me En 552, and CELL 568 require the instructor's permission before enrolling.

Note 2: Professional schools and graduate programs may require additional courses not required for this major, such as physiology lab, physics labs, chemistry, calculus, or statistics. Contact the programs to which you may apply to determine the specific courses required. Students should work closely with the Life Science Advisement Center and BYU's Pre-Professional Advisement Center.

Note 3: The Neuroscience Center requires a minimum of 21 hours of neuroscience major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Biophysics (BS)

Program Information

Minimum Credit Hours
72.5

Maximum Credit Hours
73.5

Major Academic Plan
MAPS - BS in Biophysics 2026-2027.docx

Learning Outcomes

Title
Biophysics, Physiology, and Biochemistry Fundamentals

Learning Outcome
Apply key principles of biophysics toward evaluating and analyzing primary literature in the field. Be able to explain key concepts in physiology and biophysics (and supporting disciplines).

Title
Effective Analysis and Writing

Learning Outcome
Critically evaluate current scientific literature and demonstrate the ability to write reports that synthesize and integrate data and hypotheses.

Title
Laboratory Techniques

Learning Outcome
Demonstrate competency in carrying out standard laboratory techniques used in the discipline.

Program Requirements

Requirement 1 — Complete 6 Courses

Life sciences core courses:

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CELL120 Science of Biology - Science of Biology 3.0

CELL360 Cell Biology - Cell Biology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PWS340 Genetics - Genetics 3.0

Requirement 2 — Complete 22 hours

Chemistry courses. Note: Enroll in 2 credit hours of CHEM 353.

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors - Enroll for two credits 2.0v

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM481 Biochemistry - Biochemistry 3.0

Requirement 3 — Complete 6 Courses

Math and physics courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

Requirement 4 — Complete 4 Courses

Major core courses:

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar 0.5

CELL568 Biophysics - Biophysics 3.0

Requirement 5 — Complete 10 hours

Complete 10 hours from the following. At least 4 hours must come from the mentored experience and at least 5 hours from electives.

Option 5.1 — Complete at least 4 hours up to 5 hours

A. Mentored laboratory experience (must be in an approved biophysics lab) (at least 4 hours required):

CELL295R Introductory Undgrad Research - Introductory Undgrad Research - *You may take up to 5.0 credit hours* 0.5-2.0

CELL495R Adv Undergraduate Research - Adv Undergraduate Research - *You may take up to 5.0 credit hours* 0.5-4.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

Option 5.2 — Complete up to 6 hours

B. Electives (at least 5 hours required):

CELL365 Pathophysiology - Pathophysiology 4.0

CELL450R Readings in Cell Bio & Physiol - Readings in Cell Bio & Physiol 1.0-2.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CHEM 223 - Quant & Qual Analy 4.0

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

PHSCS145 Experimental Methods - Experimental Methods 1.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Cell Biology and Physiology (BS)

Program Information

Minimum Credit Hours
62.5

Maximum Credit Hours
62.5

Major Academic Plan
MAPS - BS in Cell Biology and Physiology 2026-2027.docx

Learning Outcomes

Title
Cell Biology Fundamentals

Learning Outcome
Apply key principles of cell biology toward evaluating and analyzing primary literature in the field. Be able to explain key concepts, including mechanisms by which cellular architecture and organization is developed and maintained and mechanisms by which cells undertake complex functions such as adhesion, polarity, signaling, division, motility, migration, and development.

Title
Physiology Fundamentals

Learning Outcome
Apply key principles of physiology toward evaluating and analyzing primary literature in the field. Be able to explain key concepts, including mechanisms of maintenance of homeostasis by physiologic control systems, mechanisms of communication among cells and organs, properties that influence movement of substances across living membranes, and relationships of cell and organ structure to function.

Title
Supporting Disciplines

Learning Outcome
Explain key principles of supporting disciplines including molecular biology, evolutionary science, chemistry (general, organic, and biochemistry), and physics.

Title
Effective Writing and Analysis

Learning Outcome
Critically evaluate current scientific literature and write reports that synthesize and integrate data and hypotheses.

Title
Laboratory Techniques

Learning Outcome
Demonstrate competency in carrying out standard laboratory techniques used in the discipline.

Program Requirements

Requirement 1 — Complete 8 Courses

Major core courses: (Note: MMBIO 121 or BIO 130 can be substituted for CELL 120 upon request. CELL 210 can be substituted for CELL 220 upon request.)

CELL120 Science of Biology - Science of Biology 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL382 Developmental Biology - Developmental Biology 3.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar 0.5

Requirement 2 — Complete 3 Courses

Additional biology courses:

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PWS340 Genetics - Genetics 3.0

Requirement 3 — Complete 8 Courses

Chemistry and physics courses:

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

Requirement 4 — Complete 3 hours

Experiential learning options. Experiences should be sought early in your BYU education.

CELL295R Introductory Undgrad Research - Introductory Undgrad Research - *You may take up to 3.0 credit hours* 0.5-2.0

CELL349R Cell Bio & Physiology Teaching - Cell Bio & Physiology Teaching - *You may take up to 3.0 credit hours* 1.0-3.0

CELL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0-9.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation 2 2.0

CELL450R Readings in Cell Bio & Physiol - Readings in Cell Bio & Physiol - *You may take up to 3.0 credit hours* 1.0-2.0

CELL495R Adv Undergraduate Research - Adv Undergraduate Research - *You may take up to 3.0 credit hours* 0.5-4.0

LFSCI199R Nonresearch Academic Internshp - Nonresearch Academic Internshp - *You may take up to 1.0 credit hour* 0.5-3.0

STDEV132 Peer Education Level 1 - Peer Education Level 1 1.0

STDEV133 Peer Education Level 2 - Peer Education Level 2 1.0

Requirement 5 — Complete 1 of 8 Courses

Capstone courses:

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL562 Reproductive Physiology - Reproductive Physiology 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CELL575 Physiology of Aging - Physiology of Aging 3.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

Requirement 6 — Complete 6 hours

Elective courses. Courses taken to fulfill the requirements above cannot double count in this requirement.

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO166 Bio Skills: Workflows - Bio Skills: Workflows 1.0

BIO250 Evolutionary Medicine- Evolutionary Medicine 2.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

BIO368 Genomics - Genomics 3.0

BIO375 Plant Development and Morph. - Plant Development and Morph 3.0

CELL320 Dissection Tech Human Anatomy - Dissection Tech Human Anatomy 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL455R Cell Bio & Physiology Seminar - Cell Bio & Physiology Seminar - *You may take up to 3.0 credit hours* 0.5

CELL484 Human Embryology - Human Embryology 3.0

CELL498 Advanced Senior Research - Advanced Senior Research 3.0

CELL520R Adv Topics in Human Anatomy - Adv Topics in Human Anatomy 1.0-2.0

CELL550R Adv Topics-Cell Bio & Physiol - Adv Topics-Cell Bio & Physiol 1.0-4.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL562 Reproductive Physiology - Reproductive Physiology 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL568 Biophysics - Biophysics 3.0

CELL575 Physiology of Aging - Physiology of Aging 3.0

CELL582 Developmental Genetics - Developmental Genetics 3.0

C S111 Intro to Computer Science- Introduction to Computer Science 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO441 Adv Molecular Biology - Adv Molecular Biology 3.0

MMBIO442 Adv Molecular Biology Lab - Adv Molecular Biology Lab 2.0

MMBIO463 Immunology - Immunology 3.0

NEURO480 Cellular Neuroscience - Cellular Neuroscience 3.0

PWS272 Coding for Genetic Analysis- Coding for Genetic Analysis 3.0

PWS274 Applied Biostatistics- Applied Biostatistics 3.0

Professional schools and graduate programs may require additional courses not required for this major, such as physics labs, chemistry, calculus, or statistics. Contact the programs to which you may apply to determine the specific courses required. Students should work closely with the Life Science Advisement Center and BYU's Pre-Professional Advisement Center.

Plant and Landscape Systems (Minor)

Program Information

Minimum Credit Hours
17.5

Maximum Credit Hours
20

Program Requirements

Requirement 1 — Complete 4 Courses

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS191 Intro to PLS - Intro to PLS 1.0

PWS214 Bidding & Estimating - Bidding & Estimating 2.0

PWS282 Soil Science - Soil Science 3.0

Requirement 2 — Complete 1 of 2 Courses

PWS198R PLS Practicum - PLS Practicum - *You may take once* 0.5

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 3 — Complete 8 hours

After consulting with a faculty advisor, complete 8 hours from the following:

Option 3.1 — Complete up to 8 hours

Design:

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

PWS112 Floral Design - Floral Design 3.0

PWS205 Landscape Comp Applications - Landscape Comp Applications 3.0

PWS213 Interior Plants & Landscapes - Interior Plants & Landscapes 3.0

PWS380 Advanced Landscape Design - Advanced Landscape Design 3.0

Option 3.2 — Complete up to 8 hours

Installation:

PWS211 Hardscape Materials - Hardscape Materials 2.0

PWS212 Principles of Irrigation - Principles of Irrigation 2.0

PWS220 Trees - Trees 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

Option 3.3 — Complete up to 8 hours

Maintenance:

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

Note 1: Electives need not be taken from the same emphasis to fill this requirement.

Note 2: PWS 100 will substitute for 3 hours under the elective requirement.

Environmental Science and Sustainability (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
18

Learning Outcomes

Title
Scientific Foundation

Learning Outcome
Possess a fundamental and applied knowledge of the biogeochemistry, ecology, plant biology, microbiology, and laws relating to soil and water conservation, quality, and pollution.

Title
The Scientific Method

Learning Outcome
Devise experiments with testable hypotheses addressing environmental concerns, problems, and solutions in the environment based on the interpretation of primary scientific literature and the scientific method.

Title
Environmental Measurements, Assessments, and Statistics

Learning Outcome
Conduct and design basic environmental quality measurements, site assessments, and statistics associated with resource management and conservation.

Title
Effective Communication

Learning Outcome
Write effectively and concisely both within and outside the environmental science discipline.

Title
Global Environmental Awareness and Stewardship

Learning Outcome
Foster and promote an environmental awareness, stewardship, and sustainability ethic to help all understand their influence on and spiritual connection to God's creations and Earth.

Title
Environmental Policy

Learning Outcome
Understand the inception, current state, and future needs of seminal environmental policies and laws.

Program Requirements

Requirement 1 — Complete 2 Courses

PWS150 Environmental Biology - Environmental Biology 3.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

Requirement 2 — Complete 6 hours

Environmental Science and Core Courses: Students may enroll in PWS 494R more than once for a total of 3.0 credit hours

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS440 Plant Physiol Ecol - Plant Physiological Ecology 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

PWS494R Mentored Learning Experience - Mentored Learning Experience - *You may take once* 0.5v

Requirement 3 — Complete 6 hours

Sustainability Core Courses:

BIO370 Bioethics - Bioethics 2.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

HIST290 Nature & History - Nature & History 3.0

HLTH322 Environmental Health - Environmental Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

IHUM280R Humanities & the Environment - Humanities & the Environment - *You may take once* 3.0

GCI300 Social Impact - Social Impact 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

Genetics, Genomics, & Biotechnology (BS)

Program Information

Minimum Credit Hours
59

Maximum Credit Hours
63

Major Academic Plan
MAPS - BS in Genetics, Genomics & Biotechnology 2026-2027.docx

Learning Outcomes

Title
Broad scientific mastery

Learning Outcome
Students will have shown a broad understanding of core molecular genetics concepts in molecular biology, genetics, cell biology, physiology, evolution, chemistry, and computational sciences.

Title
Discipline-specific mastery

Learning Outcome
Students will have shown a broad understanding of content in the field of genetics, including assembly of physical maps of genomes, sequencing methods and strategies, genome annotation and bioinformatics, comparative genomics, global gene expression profiling, and transgenic plant and animal technologies

Title
Molecular genetics laboratory skills

Learning Outcome
Students will have performed key molecular biology and biotechnology protocols, including DNA extraction, PCR, genetic mapping, gene isolation and cloning, DNA sequencing, and sequence analysis.

Title
Quantitative reasoning and analytical skills

Learning Outcome
Students will have learned the conceptual and technical languages to perform, and will be able to perform, quantitative and statistical analyses on discipline-specific datasets.

Title
Discipline-specific communication

Learning Outcome
Students will have analyzed, interpreted, and presented methodology and results of their own work and of others from discipline-specific primary literature.

Title
Act with Christ-like character

Learning Outcome
Students will have compared and contrasted popular-, scientific-, and gospel- expectations for ethical practice in research, data analysis, and biotechnology applications. They will have worked as part of a community of learners to help each other grow and learn together. This includes their learning to humbly respond to constructive feedback on their research and writing.

Title
Expertise to serve and learn

Learning Outcome
Students will have field-specific expertise to develop technologies, improve lives, promote health, and be responsible stewards in their personal and professional communities

Title
Faith and science

Learning Outcome
Students will have discriminated when scientific inquiry and faith in God and His eternal plan for His children can be mutually -exclusive and -strengthening.

Program Requirements

Requirement 1 —Complete 11 Courses

Core courses:

CELL360 Cell Biology - Cell Biology 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS188 Intro to Genetics & Biotech - Intro to Genetics & Biotech 1.0

PWS272 Coding for Genetic Analysis - Coding for Genetic Analysis 3.0

PWS274 Applied Biostatistics - Applied Biostatistics 3.0

PWS288 Molecular Genetics Laboratory - Molecular Genetics Laboratory 3.0

PWS340 Genetics - Genetics 3.0

PWS368 Genomics - Genomics 3.0

Requirement 2 —Complete 3 hours

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

Requirement 3 —Complete 1 of 2 Options

Option 3.1 —Complete 3 Requirements

A. GENETICS AND GENOMICS CORE TRACK:

Requirement 3.1.1 —Complete 6 Courses

Core Genetics and Genomics courses:

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

PWS316 Scientific Writing Genetics - Scientific Writing Genetics 3.0

PWS472 Conservation Genomics - Conservation Genomics 3.0

Requirement 3.1.2 —Complete 1 of 4 Courses

Organismal Physiology course:

BIO310 Comparative Animal Physiology - Comparative Animal Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO461 Advanced Bacterial Physiology - Advanced Bacterial Physiology 3.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

Requirement 3.1.3 —Complete 9 hours

Option 3.1.3.1 — Complete at least 6 hours up to 9 hours

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

CELL382 Developmental Biology - Developmental Biology 3.0

MMBIO151 Microbiology - Microbiology 4.0

MMBIO360 Bacterial Genetics - Microbial Genetics 4.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

PWS474 Bacterial Genomics - Bacterial Genomics 2.0

PWS586 Plant Cell Biology - Plant Cell Biology 3.0

PWS588 Metagenomics - Metagenomics 3.0

Option 3.1.3.2 - Complete up to 3 hours

PWS399R Research Internship - Research Internship

PWS494R Biotechnology Lab - Biotechnology Lab

Option 3.2 —Complete 4 Requirements

B. BUSINESS MINOR CORE TRACK:

Requirement 3.2.1 —Complete 6 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

STRAT488 Agribusiness Management 1 - Agribusiness Management 1 3.0

Requirement 3.2.2 —Complete 1 of 2 Courses

MKTG201 Marketing Management - Marketing Management 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

Requirement 3.2.3 —Complete 1 of 2 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

Requirement 3.2.4 —Complete 1 of 2 Options

Option 3.2.4.1 —Complete 1 Course

PWS316 Scientific Writing Genetics - Scientific Writing Genetics 3.0

Option 3.2.4.2 —Complete 2 Courses

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

Note: To complete a minor from the Marriott School of Business, students must take MKTG 201 in group 3.2.2 and one of the following: Math 110, Math 112, Math 116, Math 118, or IS 201.

Recommended Courses are not required to complete the program

Recommended Courses:

Recommended Courses are not required to complete the program

For preprofessional or graduate school preparation:

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

Recommended Courses are not required to complete the program

For students seeking employment in the biotech industry:

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

Note: Contact the academic advisor to determine if R research in other departments may be applied to the 3.1.4.1 requirement.

Environmental Science and Sustainability (BS)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
60

Major Academic Plan
MAPS - BS in Environmental Science and Sustainability 2026-2027.docx

Learning Outcomes

Title
Scientific Foundation

Learning Outcome
Possess a fundamental and applied knowledge of the biogeochemistry, ecology, plant biology, microbiology, and laws relating to soil and water conservation, quality, and pollution.

Title
The Scientific Method

Learning Outcome
Devise experiments with testable hypotheses addressing environmental concerns, problems, and solutions in the environment based on the interpretation of primary scientific literature and the scientific method.

Title
Environmental Measurements, Assessments, and Statistics

Learning Outcome
Conduct and design basic environmental quality measurements, site assessments, and statistics associated with resource management and conservation.

Title
Effective Communication

Learning Outcome
Write effectively and concisely both within and outside the environmental science discipline.

Title
Global Environmental Awareness and Stewardship

Learning Outcome
Foster and promote an environmental awareness, stewardship, and sustainability ethic to help all understand their influence on and spiritual connection to God's creations and Earth.

Title
Environmental Policy

Learning Outcome
Understand the inception, current state, and future needs of seminal environmental policies and laws.

Program Requirements

Requirement 1 —Complete 2 Requirements

Environmental Science Core

Requirement 1— Complete 11 Courses

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

PWS155 Careers in Environmntl Science - Careers in Environmntl Science 1.0

PWS274 Applied Biostatistics - Applied Biostatistics 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS440 Plant Physiol Ecol - Plant Physiol Ecol 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

Requirement 1.2— Complete 1 of 3 Courses

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

Requirement 2 —Complete 3 of 14 Courses

Sustainability Core. Complete 8-9 hours from the following courses

BIO370 Bioethics - Bioethics 2.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

HIST290 Nature & History - Nature & History 3.0

HLTH322 Environmental Health - Environmental Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

IHUM280R Humanities & the Environment - Humanities & the Environment - *You may take once* 3.0

GCI300 Social Impact - Social Impact 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS417 Rangeland Planning & GIS - Rangeland Planning & GIS 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

Requirement 3 —Complete 3 hours

Experiential Learning. Students may enroll in PWS 494R more than once for a total of 3.0 credit hours

PWS250 Field Ecology - Field Ecology 3.0

PWS292R Intro Mentored Learning - Intro Mentored Learning - *You may take once* 0.5v

PWS399R Research Internship - Research Internship - *You may take once* 0.5v

PWS494R Mentored Learning Experience - Mentored Learning Experience - *You may take up to 3.0 credit hours* 0.5v

Requirement 4 —Complete 18 hours

Complete 18 hours from the following option(s) with only 9.0 credit hours completed as 100 level courses. Note: all classes listed in Requirements 2, 3, and 4 are also approved general electives

Ecosystem Ecology Track

Complete the following: CHEM 285, GEOG 307, BIO 350, BIO 420, BIO 542, BIO 455, PWS 215, PWS 411, PWS 417, PWS 419, and PWS 472.

Sustainable Development Track

Complete the following: ECON 110, HLTH 480, IAS 220, IHUM 280R, MSB 375, MSB 381, and SOC 340.

Resource Conservation & Management Track

Complete the following: PWS 225, PWS 330, PWS 376, PWS 405, CE EN 414, CE EN 451, CHEM 201, GEOL 420/421, and HLTH 322.

Option 4.1 —Complete 18 hours

General Major Electives:

ACC200 Principles of Accounting - Principles of Accounting 3.0

BIO130 Biology - Biology 4.0

BIO235 Field Botany - Field Botany 3.0

BIO350 Ecology - Ecology 3.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

BIO556 Limnology - Limnology 3.0

BIO557 Stream & Wetland Ecology - Stream & Wetland Ecology 4.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL444 Bio-Innovation 1 - Bio-Innovation 1 2.0

CELL445 Bio-Innovation 2 - Bio-Innovation II 2.0

CFM 460 - Sustainable & Regulatory Build - *This course is no longer available* 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM 223 - Quant & Qual Analy - *This course is no longer available* 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG101 Global Environment - Global Environment 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

GEOL111 Physical Geology - Physical Geology 4.0

GEOL420 Geological Field Methods - Geological Field Methods 3.0

GEOL421 Geological Mapping - Geological Mapping 3.0

GEOL435 Groundwater - Groundwater 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH480 International Health - International Health 3.0

IAS351R M U N Preparation - M U N Preparation - 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

POLI321 Media in American Politics - Media in American Politics 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS215 Principles of Range Management - Principles of Range Management 3.0

PWS225 Prin of Wildlife & Fishery Mgt - Prin of Wildlife & Fishery Mgt 3.0

PWS272 Coding for Genetic Analysis - Coding for Genetic Analysis 3.0

PWS275 Genetics & Reproduction - Genetics & Reproduction 3.0

PWS303 Soils Conservation & Resources - Soils Conservation & Resources 3.0

PWS325 Fisheries & Wetlands Mgt - Fisheries & Wetlands Mgt 3.0

PWS330 Range & Forest Plant ID & Ecol - Range & Forest Plant ID & Eco 3.0

PWS331 Sci of Plant Pest Control - Sci of Plant Pest Control 3.0

PWS340 Genetics - Genetics 3.0

PWS344 Natural History of Wildlife - Natural History of Wildlife 3.0

PWS350 Rangeland and Wildlife Ecology - Rangeland and Widlife Ecology 3.0

PWS355 Range and Forest Veg Measures - Rangeland Veg Measurements 3.0

PWS402 Soils & Water in Urban Environ - Soils & Water in Urban Environ 3.0

PWS405 Environmental Chemistry Lab - Environmental Chemistry Lab 2.0

PWS411 Watershed Ecology & Management - Watershed Ecology & Management 3.0

PWS416 Range & Forest Rest and Manage - Range & Forest Rest and Manage 3.0

PWS419 Forest Measures, Manage & Ecol - Forest Measures, Manage & Ecol 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

PWS472 Conservation Genomics - Conservation Genomics 3.0

PWS505 Aquatic&Terrestrial Biogeochem - Aquatic&Terrestrial Biogeochem 3.0

PWS511 Environmental Biophysics - Environmental Biophysics 4.0

PWS540 Plant Response Environment - Plant Response Environment 3.0

PWS551 Quantitative Ecology - Quantitative Ecology 3.0

PWS553 Restoration Ecology - Restoration Ecology 3.0

PWS560 Quantitative Environ Chemistry - Quantitative Environ Chemistry 2.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

STRAT489 Agribusiness Management 2 - Agribusiness Management 2 3.0

Plant and Landscape Systems (BS)

Program Information

Minimum Credit Hours
67

Maximum Credit Hours
71.5

Major Academic Plan
MAPS - BS in Plant and Landscape Systems 2026-2027.docx

Learning Outcomes

Title
Landscape Management and the Gospel of Jesus Christ

Learning Outcome
Identify, reflect on, and articulate personally significant experiences that strengthen the desire to incorporate the gospel of Jesus Christ in managing and creating beautiful landscapes

Title
Career Preparation

Learning Outcome
Effectively compete for the best employment positions, including leadership in national organizations, which are available to college graduates, including self-employment.

Title
Landscape Practices

Learning Outcome
Lead and practice with a knowledge of landscape contracting at the local and national levels.

Title
Landscape Design, Construction, and Management

Learning Outcome
Demonstrate competence in each of the three main areas of landscape contracting: design, management and installation.

Title
Academic and Professional Preparation

Learning Outcome
Demonstrate preparation to excel in a variety of graduate programs related to landscape management.

Program Requirements
Requirement 1 — Complete 19 Courses

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS110 Sustainable Food Crop Systems - Sustainable Food Crop Systems 3.0

PWS191 Intro to PLS - Intro to PLS 1.0

PWS198R PLS Practicum - PLS Practicum - *You may take once* 0.5

PWS211 Hardscape Materials - Hardscape Materials 2.0

PWS212 Principles of Irrigation - Principles of Irrigation 2.0

PWS214 Bidding & Estimating - Bidding & Estimating 2.0

PWS216 - Plant and Landscape Lighting 2.0

PWS220 Trees - Trees 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS301 Plant Propagation - Plant Propagation 3.0

PWS319 Grasses in Urban & Natural Env - Grasses in Urban & Natural Env 3.0

PWS320 Sustainable Plant Systems - Sustainable Plant Systems 3.0

PWS331 Sci of Plant Pest Control - Sci of Plant Pest Control 3.0

PWS402 Soils & Water in Urban Environ - Soils & Water in Urban Environ 3.0

PWS431 Plant Health Diagnostics - Plant Health Diagnostics 3.0

PWS481 Plant Landscape Bus. Systems - Plant Landscape Bus. Systems 2.0

Requirement 2 — Complete 0.5 hours

PWS199R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 3 — Complete 3 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 4 — Complete 1 of 2 Courses

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

Requirement 5 — Complete 3 of 6 Courses

BIO235 Field Botany - Field Botany 3.0

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

PWS112 Floral Design - Floral Design 3.0

PWS205 Landscape Comp Applications - Landscape Comp Applications 3.0

PWS213 Interior Plants & Landscapes - Interior Plants & Landscapes 3.0

PWS380 Advanced Landscape Design - Advanced Landscape Design 3.0

Requirement 6 — Complete 1 of 4 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

A BUSINESS MINOR IS STRONGLY RECOMMENDED

For students planning to pursue a master's degree in landscape architecture (MLA), the following courses are also recommended: Bio 350; CFM 105; Geog 212, 310, 422; PWS 380.

For students planning to pursue a master's degree in (MS) the following courses are recommended: Chem 106, 107, 351, 352, 481; Engl 316; Math 119 or Stat 121; Phscs 105, 106; PWS 440, 513.

Accounting (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Learning Outcomes

Title
Strengthened Testimony of Jesus Christ and His Restored Gospel

Learning Outcome
"Behold, I am Jesus Christ, whom the prophets testified shall come into the world. … I am the light and the life of the world." 3 Nephi 11:10–11. Deepen faith and personal testimony of Jesus Christ, the truth of His restored gospel, and the teachings of His anointed servants. Let this testimony drive your character, choices, and leadership.

Title
Mastery of the Principles and Tools of Business and Accounting

Learning Outcome
"Wisdom is the principal thing; therefore get wisdom: and with all thy getting get understanding." Proverbs 4:7. Deeply understand and expertly apply principles and tools of measurement, control, reporting, analysis, compliance, decision-making, and ethical conduct. Confidently use technology to create value. Recognize and value the work of accounting as a professional stewardship for the blessing of individuals, organizations, and communities.

Title
Character Driven by Integrity, Respect, and Resilience

Learning Outcome
"Let integrity and uprightness preserve me; for I wait on thee." Psalm 25:21. Commit to the execution of professional stewardship with Christ-centered integrity, accountability, and respect for all. Develop a character, rooted in humility, that values diverse perspectives, perseveres through challenges with resilience, and seeks to elevate others.

Title
Commitment to Lifelong Learning and Service

Learning Outcome
"Seek learning, even by study and also by faith." D&C 88:118. Become a self-directed learner who seeks ongoing growth in both secular and spiritual knowledge. Adapt to change, welcome new ideas, and pursue inspired innovation with faith, curiosity, and a desire to serve.

Program Requirements

Requirement 1 —Complete 3 Courses

Prerequisite courses:

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

A.) A minimum of a B grade is required in ACC 200 and ACC 310 to apply. B.) Students can begin accounting major courses only Fall semester.

Requirement 2 —Complete 6 Courses

ACC241 Business Law - Business Law 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Management Communication 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 3 —Complete 11 Courses

Junior Core courses:

ACC401 Bus & Acc Info Systems - Bus & Acc Info Systems 3.0

ACC402 Cost & Managerial Accounting - Cost & Managerial Accounting 3.0

ACC403 Interm Financial Accounting 1 - Interm Financial Accounting 1 3.0

ACC504 Financial Accounting 2 - Financial Accounting 2 3.0

ACC405 Fundamentals of Taxation - Fundamentals of Taxation 3.0

ACC406 Financial Statement Auditing - Financial Statement Auditing 3.0

ACC407 Accounting Technnology - Accounting Technology 3.0

ACC408 Critical Thinking - Critical Thinking 1.5

ACC409 Integrated Topics - Integrated Topics 1.5

ACC410 Acct. Prof. Development I - Acct. Prof. Development I 1.5

ACC411 Acct. Prof. Development II - Acct. Prof. Development II 1.5

Requirement 4 —Complete 4 Courses

Business Core courses:

FIN402 Managerial Finance - Managerial Finance 3.0

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE571 Ethics for Accounting - Ethics for Accounting 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Degree Map Name
BS in Accounting (322622) MAP
Total Degree Map Credits
120
Degree Map Effective Catalog Year
2026-27 -

Degree Map Narrative

BYU Marriott majors are limited-enrollment programs and the application process is competitive. For assistance in preparing for the application process, it is highly recommended that students visit the BYU Marriott Undergraduate Advisement Center. Applicants may apply to the BYU Marriott School of Business as soon as they have completed the

prerequisite courses. Most applicants apply after their sophomore year. Each program starts at the beginning of a new academic year. Deadline to apply for Fall is the last working day of June by 4:30 p.m.

THE DISCIPLINE

Accounting has been called the language of business in which accountants control, analyze, report, and utilize financial and other data of an enterprise to make critical business decisions. A good understanding of accounting principles and practices can serve as the basis for a career in any business field.

CAREER OPPORTUNITIES

Accountants provide critical input and guidance in profit-seeking organizations, service and charitable organizations, educational institutions, government, public accounting firms, and indeed, in any organization that exists today.

GENERAL INFORMATION

Students are encouraged to apply to BYU Marriott as soon as they have completed the prerequisite courses. For more information about the accounting program, visit https://marriottschool.byu.edu/acc/

APPLICATION INFORMATION

All students entering BYU Marriott commence their study at the beginning of fall semester. Students applying at the end of their freshman year will be admitted to begin the fall semester of their junior year. Admission is based on the following: Prerequisite GPA, Essay, Review of overall academic record, Professionalism, Prerequisite courses must be completed before the application deadline. Any application with a prerequisite GPA below a 3.0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted.

**Applicants must receive at least a B in both ACC 200 and ACC 310 in order to be eligible to apply. Note: Repeating of any prerequisite course to improve grades is permissible, but they will be discounted one third of a grade point (e.g., A to A-, A- to B+, etc.).Any application with a prerequisite GPA below a 3.0 will not be considered. When prerequisite GPA is calculated, repeated or transferred courses will be discounted.

**Applicants must receive at least a B in both ACC 200 and ACC 310 in order to be eligible to apply. Note: Repeating of any prerequisite course to improve grades is permissible, but they will be discounted one third of a grade point (e.g., A to A-, A- to B+, etc.).

TRANSFER INFORMATION

Transfer equivalencies for the following courses will not be considered: ACC 310, FIN 201, IS 201, and M COM 320.

Leave of Absence

If a student must leave the program for a mission, military service, or other reason, a leave of absence request form is required. A prompt return to the program is required. Students who have interrupted their SOA education for more than two years without prior approval will be required to meet the requirements of the program in effect at re-acceptance.

Note 1

Upper division accounting class credits earned prior to five years before graduation may not be used to meet specific graduation requirements for the BS degree.

BS ACCOUNTING CONCURRENT WITH MAcc

The first year of the SOA program must be completed with a minimum 3.0 GPA to be eligible to apply for continuation into the Master of Accountancy program. The business core courses are replaced by the MAcc graduate core. Students planning to pursue a Master of Accountancy degree should not take the undergraduate business core courses.

Year	Semester	Credits	Progress Credits
Freshman Year	Semester 1	15	0

Requirement Select
- First Year Writing (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- IS 110 - Spreadsheet Skills and Business Analysis

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 200 - Principles of Accounting

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Cornerstone (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- General Education (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	6
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Freshman Year	Semester 2	15	0

Requirement Select
- ACC 310 - Principles of Accounting 2

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- IS 201 - Introduction to Information Systems

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- MSB 180 - Overview of Marriott School Business Programs

Course Requirement Group	
Course Requirement Group (Free Text)	Recommended
Minimum Grade	-
Area	-
Credits	1
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Cornerstone (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- General Education (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	6
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Sophomore Year	Semester 3	15	0

Requirement Select
- MKTG 201 - Marketing Management

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- FIN 201 - Principles of Finance

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- STAT 121 - Introduction to Statistical Data Analysis

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Cornerstone (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- General Education (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Open Elective (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Sophomore Year	Semester 4	15	0

Requirement Select
- ECON 110 - Economic Principles and Problems

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- M COM 320 - Management Communication

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Cornerstone (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- General Education (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	6
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Open Elective (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Junior Year	Semester 5	14	0

Requirement Select
- ACC 401 - Business and Accounting Information Systems

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 403 - Intermediate Financial Accounting 1

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 406 - Financial Statement Auditing

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 407 - Accounting Technology

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Elective (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Junior Year	Semester 6	14	0

Requirement Select
- ACC 402 - Cost and Managerial Accounting

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 504 - Financial Accounting 2

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 405 - Fundamentals of Taxation.

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 408 - Critical Thinking in Accounting

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1.5
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- ACC 409 - Integrated Topics in Accounting

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1.5
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Elective (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Senior Year	Semester 7	16	0

Requirement Select
- GSCM 301 - Global Supply Chain Management for Accountants

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1.5
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- GSCM 311 - Supply Chain Management in International Business for Accountants

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	1.5
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- FIN 402 - Managerial Finance for Non-Finance Majors

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- PSE 571 - Ethics for Accounting Professionals

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- HRM 391 - Organizational Effectiveness

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Religion Elective (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Open Elective(s) (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	2
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Year	Semester	Credits	Progress Credits
Senior Year	Semester 8	16	0

Requirement Select
- ACC 241 - Business Law in the Environment

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- STRAT 392 - Strategy and Economics

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	3
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Requirement Select
- Open Electives (Generic)

Course Requirement Group	
Course Requirement Group (Free Text)	-
Minimum Grade	-
Area	-
Credits	10
Progress Credits	-
Contact Hours	-
Clinical	-
Criticality	No

Total General Education Credits	Total Major Credits
0	0
Total Minor Credits	**Total Elective Credits**
0	0

Accounting (BS): Tax Emphasis

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Learning Outcomes

Title
Stronger Testimony of Jesus Christ

Learning Outcome
Express a stronger testimony of Jesus Christ and of His gospel.

Title
Master Accounting and Business Content

Learning Outcome
Evaluate information objectively through research data analysis and technical knowledge resulting in high quality professional judgments.

Title
Use Technology

Learning Outcome
Develop proficiency and demonstrate curiosity using technology to solve problems and enhance performance.

Program Requirements

Requirement 1 — Complete 3 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Requirement 2 — Complete 6 Courses

Note: Where possible, it is recommended that these courses be taken before entering the Junior Core.

ACC241 Business Law - Business Law 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 3 — Complete 11 Courses

Junior Core courses:

ACC401 Bus & Acc Info Systems - Bus & Acc Info Systems 3.0

ACC402 Cost & Managerial Accounting - Cost & Managerial Accounting 3.0

ACC403 Interm Financial Accounting 1 - Interm Financial Accounting 1 3.0

ACC504 Financial Accounting 2 - Financial Accounting 2 3.0

ACC405 Fundamentals of Taxation - Fundamentals of Taxation 3.0

ACC406 Financial Statement Auditing - Financial Statement Auditing 3.0

ACC407 Accounting Technnology - Data Analytics in Accounting 3.0

ACC408 Critical Thinking - Critical Thinking 1.5

ACC409 Integrated Topics - Integrated Topics 1.5

ACC410 Acct. Prof. Development I - Acct. Prof. Development I 1.5

ACC411 Acct. Prof. Development II - Acct. Prof. Development II 1.5

Requirement 4 — Complete 4 Courses

Complete Integrated Business Core Courses:

FIN520 Business Finance - Business Finance 3.0

HRM540 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE571 Ethics for Accounting - Ethics for Accounting 3.0

STRAT560 Strategy and Economics - Strategy and Economics 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Accounting (BS): Professional Accounting Emphasis

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Learning Outcomes

Title
Stronger Testimony of Jesus Christ

Learning Outcome
Express a stronger testimony of Jesus Christ and of His gospel.

Title
Master Accounting and Business Content

Learning Outcome
Evaluate information objectively through research data analysis and technical knowledge resulting in high quality professional judgments.

Title
Use Technology

Learning Outcome
Develop proficiency and demonstrate curiosity using technology to solve problems and enhance performance.

No Requirements

Information Systems (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Information Systems 2026-2027.docx

Learning Outcomes

Title
Gain a Knowledge of Information Systems and Business

Learning Outcome
Apply knowledge of information systems as well as general business to bridge the gap between technical and business personnel.

Title
Create and Manage Organizational Technical Functions

Learning Outcome
Acquire, deploy, maintain, and manage information technology systems infrastructure security resources and services.

Title
Make Informed Business and Technical Decisions

Learning Outcome
Make informed business and technical decisions and solve unstructured problems in a rapidly changing environment.

Title
Develop Lifelong Learning Skills

Learning Outcome
Pursue lifelong learning.

Program Requirements

Requirement 1 — Complete 2 Requirements

Prerequisite courses: These courses are used in determining admission to the undergraduate Information Systems program.

Requirement 1.1 —Complete 2 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Requirement 1.2 —Complete 1 of 2 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 6 Courses

Note: It is strongly recommended that STAT 121 be completed before entering the IS core. It is strongly encouraged to have M COM 320 completed before the IS core.

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 7 Courses

IS401 Proj management & sys design - Proj Management & Sys Design 3.0

IS402 Database Systems - Database Systems 3.0

IS403 Prin of Business Programming - Prin of Business Programming 3.0

IS404 IT Infrastructure - IT Infrastructure 3.0

IS414 IS Security & Controls - IS Security & Controls 3.0

IS455 Predictive AI - Predictive AI 3.0

IS456 Agentic AI in Business - Agentic AI in Business 3.0

Requirement 4 — Complete 2 of 22 Courses

IS413 Enterprise Application Devel - Enterprise Application Devel 3.0

IS415 Exploratory Data Analysis - Exploratory Data Analysis 3.0

IS515 Adv Spreadsheets Bus Analysis - Adv Spreadsheets Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

IS531 Enterprise Infrastructure - Enterprise Infrastructure 3.0

IS537 Data Structures - Data Structures 3.0

IS542 Web Development - Web Development 3.0

IS543 Mobile Platform Development - Mobile Platform Development 3.0

IS551 User Experience Design - User Experience Design 3.0

IS554 Investigative Analytics - Investigate Analytics 3.0

IS555 Data Science for Organizations - Data Science for Organizations 3.0

IS556 Data Engineering - Data Engineering 3.0

IS560 Information Security Mngmnt - Information Security Mngmnt 3.0

IS562 IS Product Management - IS Project Management 3.0

IS565 Digital Forensics for Orgnztns - Digital Forensics for Orgnztns 3.0

IS566 Advanced Database - Advanced Database Management 3.0

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

IS571 Academic Research in IS - Academic Research in I Sys 3.0

IS581 Managing a Software Startup - Managing a Software Startup 3.0

IS582 Tech Strategy and Leadership - Tech Strategy and Leadership 3.0

IS590R Seminar in Information Systems - Network Administration - *You may take once* 3.0

Requirement 5 —Complete 5 Courses

Business Core courses:

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

General Studies (BGS): Business Emphasis

Program Information

Minimum Credit Hours
34

Maximum Credit Hours
34

Major Academic Plan
MAPS - BGS in General Studies - Business 2026-2027.docx

Learning Outcomes

Title
BGS Learning Outcome - Aims of a BYU Education

Learning Outcome
Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service.

Title
Management Skills

Learning Outcome
Demonstrate knowledge of basic management skills including accounting, finance, marketing, organizational behavior, and human resource management.

Title
Business Ethics and Decision Making

Learning Outcome
Demonstrate an understanding of principles of ethics and be able to make and defend moral and ethical business decisions.

Program Requirements

Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours must be 300-level or above courses.

The IS 110, MSB 360, and M Com 320 requirements must be filled with credit less than 15 years old.

All emphasis courses taken after admission to BGS must be BYU courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.25 emphasis grade point average, and a minimum 2.0 cumulative grade point average.

The program must be completed in eight years or less.

Requirement 1 — Complete 1 Course

Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 — Complete 1 Course

Pre-core course:

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

Requirement 3 — Complete 3 Courses

Core 1 courses:

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 4 — Complete 3 Courses

Core 2 courses:

HRM300 Organizational Behavior - Organizational Behavior 3.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB360 Professional Ethics - Professional Ethics 3.0

Requirement 5 — Complete 1 of 2 Courses

FIN201 Principles of Finance - Principles of Finance 3.0

MSB250 Financial Management - Financial Management 3.0

Requirement 6 — Complete 3 of 8 Courses

Elective courses: (BYU 300- and 400-level Marriott School courses completed before entering the BGS program may also be used to fill emphasis electives.)

ACC300 Introduction to Accounting 2 - Introduction to Accounting 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN453 Money, Banking, & Business - Money, Banking, & Business 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM 413 - Managerial Leadrshp Develpmnt 3.0 - *This course is no longer available.*

MSB413 Leadership Development - Christlike Leadrshp Develpmnt 3.0

MSB430 Intro International Business - Intro International Business 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 7 — Complete 1 Course

Complete a capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Healthcare Leadership (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Program Requirements

Requirement 1 — Complete 2 Courses

HL288 Intro to Healthcare Leadership - Healthcare Industry Dynamics 3.0

HL289R Healthcare Leadership Lectures - Healthcare Leadership Lectures - *You may take once* 1.0

Requirement 2 — Complete 1 of 3 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

Requirement 3 — Complete 3 of 6 Courses

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HL382 Delivering Value in Healthcare - Healthcare Delivery Management 3.0

HL383 Healthcare Law and Ethics - Healthcare Law and Regulations 3.0

HL385R Healthcare Research Hub - Healthcare Industry Research - *You may take once* 3.0

HL386 Financing the Healthcare Syst - Healthcare Finance 3.0

Information Systems (Minor)

Program Information

Minimum Credit Hours
19

Maximum Credit Hours
19

Program Requirements

Requirement 1 — Complete 4 Courses

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

IS302 Intro Databases (Non-Majors) - Intro Databases (Non-Majors) 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

Requirement 2 — Complete 2

IS120 Intro to Web Development - Intro to Web Development 3.0

IS315 Intro to Python Data Analytics - Introduction to Python Data Analytics (non-majors) 3.0

IS355 Predictive AI -Predictive AI 3.0

IS365 AI in Business - Generative AI in Business 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

Requirement 3 — Complete 3 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

MSB490R Topics in Business Management - Topics in Business Management - *You may take once* 0.5v

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

Strategy (Minor) *

Program Information

Minimum Credit Hours
24

Maximum Credit Hours
24

Program Requirements

Prerequisites:

Requirement 1 — Complete 2 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

Requirement 2 — Complete 1 of 2 Courses

FIN201 Principles of Finance - Principles of Finance 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Apply and be formally accepted into the program.

Requirement 3 — Complete 5 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STRAT401 Foundations of Strategy - Foundations of Strategy 3.0

STRAT402 Economics of Strategy - Economics of Strategy 3.0

STRAT411 Advanced Competitive Strategy- Advanced Competitive Strategy 3.0

STRAT421 Strategy Implementation - Strategy Implementation 3.0

Global Business and Literacy (Minor)

Program Information

Minimum Credit Hours
20

Maximum Credit Hours
21

Program Requirements

Requirement 1 — Complete 6 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5

GSCM 310 - GSCM International 1.5

MKTG201 Marketing Management - Marketing Management 3.0

MSB430 Intro International Business - Intro International Business 3.0

Requirement 2 — Complete 1 of 2 Courses

Complete one language course. Note: If MSB 596R is not available for your language, contact the Global Management Center (360 TNRB) about approving a Less Commonly Taught Language (LCTL) option. The LCTL does not count for university credit, but fulfills the Business Language requirement.

MSB330R GlobalHub - GlobalHub - *You may take once* 3.0

MSB596R Business Language - Business Language - *You may take once* 3.0

Requirement 3 — Complete 1 of 2 Options

Complete one literature or civilization course from the following. Note: If there is not an option listed for your language, contact the Liberal Arts Advisement Center (1041 JFSB) about approving a LCTL option.

Option 3.1 — Complete 1 of 20 Courses

Literature Courses:

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

DANSH340 Danish Literature - Danish Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM343 Intro to German Literature - Intro to German Literature 3.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

Option 3.2 — Complete 1 of 15 Courses

Civilization Courses:

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

GERM330 Cultural History of Germany - Cultural History of Germany 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

KOREA345 Korean Culture - Korean Culture 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

Note: Give attention to prerequisites for all courses.

Entrepreneurship (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
17

Program Requirements

Requirement 1 — Complete 2 Courses

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT113 Startup Bootcamp - Startup Bootcamp 1.0

Requirement 2 — Complete 3 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

MSB341 Product Management - Product Management 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

Requirement 3 — Complete 3 hours

ENT300 Starting a Business - Starting a Business 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT328 Entrep Digital Marketing - Entrep Digital Marketing 3.0

ENT352 Entrep Through Acquisition - Entrep through Acquisition 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT427 Building Your Lean Venture - Building Your Lean Venture 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT441 Rapid Prod Innovation - Rapid Product Innovation & Development 1.5

ENT442 Ideation & Team Formation - Rapid Ideation & Team Formation 1.5

MSB341 Product Management - Product Management 3.0

Requirement 4 — Complete 1 hour

ENT 381 - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB342 Product Lecture Series - Product Career Lecture Series 1.0

GCI381R Social Impact Lectures - Social Impact Lecture Series 1.0

Requirement 5 — Complete 6 hours

Courses used to fulfill Requirement 3 cannot be used to fill this requirement.

ART340 Business Practices for Artists - Business Practices for Artists 3.0

CBE400 Creative Skills Chem & Bio Eng - Creative Skills Chem & Bio Eng 1.0

DES217 Design Thinking - Design Thinking 1.5

DESGD488 Studio Practices for Designers - Studio Practices for Designers 2.0

DESIL488 Prof Practices for Illustrator - Prof Practices for Illustrator 2.0

ENT300 Starting a Business - Starting a Business 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT323 Entrep Sales & Persuasion - Entrep Sales & Persuasion 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - VC for Startups

ENT427 Building Your Lean Venture - Building your Lean Venture

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT441 Rapid Prod Innovation - Rapid Product Innovation & Development 1.5

ENT442 Ideation & Team Formation - Rapid Ideation & Team Formation 1.5

ENT490R Topics in Entrepreneurship - Topics in Entrepreneurship - *You may take once* 0.5v

EXDM300 Creating a Good Life - Creating a Good Life 3.0

IP&T461 Design Evaluation - Design Evaluation 3.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

MSB341 Product Management - Product Management

GCI300 Social Impact - Social Impact 3.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SOC221 Innovation, AI, and Society - Innovation, AI, and Society 3.0

Business (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
19

Program Requirements

Requirement 1 — Complete 15 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM300 Organizational Behavior - Organizational Behavior 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

Requirement 2 — Complete 1 of 3 Courses

FIN487R Capital Markets Academy - Capital Markets Academy - *You may take once* 3.0

GCI425R Social Impact Projects - Social Impact Internship - *You may take once* 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

Requirement 3 — Complete 1 of 4 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

HL289R Healthcare Leadership Lectures - Healthcare Leadership Lectures - *You may take once* 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

Transfer equivalencies for FIN 201 and IS 201 will not be accepted.

Finance (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Finance 2026-2027.docx

Learning Outcomes

Title
Understand and Manage Risk

Learning Outcome
Quantify risk, make sound and ethical financial decisions in a risky environment, and design financial strategies for managing business risks.

Title
Analyze Financial Data

Learning Outcome
Acquire, interpret, and analyze accounting economic and financial data to facilitate decision making in corporate and investment environments in both personal and professional settings.

Title
Calculate/Interpret Metrics

Learning Outcome
Make and effectively communicate sound and ethical financial decisions by calculating and interpreting standard financial-decision metrics such as NPV IRR duration Sharpe Ratio YTM and OAS.

Title
Perform Estimation/Optimization Procedures

Learning Outcome
Use standard data resources and software (such as Excel) to model asset valuation construct optimal portfolios and perform other useful estimation or optimization procedures.

Program Requirements

Requirement 1 — Complete 2 Requirements

Course Prerequisites

Requirement 1.1 —Complete 2 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

Requirement 1.2 —Complete 3 hours

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply and be formally accepted into the program.

Requirement 2 — Complete 3 Courses

Required courses. May be completed before admission to the major. If not done prior, should be completed as soon as possible after admission to the major.

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 — Complete 6 Courses

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0 *(May be completed before admission to the major)*

FIN326 Professional Development - Professional Development 2.0

FIN400 Analytical Methods in Finance - Analytical Methods in Finance 3.0

FIN401 Adv Financial Management - Adv Financial Management 3.0

FIN410 Investments - Investments 3.0

FIN453 Money, Banking, & Business - Money, Banking, & Business 3.0

Requirement 4 — Complete 6 Courses

May be completed before or after acceptance into major.

ACC241 Business Law - Business Law 3.0

GSCM201 Intro Global Supply Chain Mgt- Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

M COM320 Management Communication - Management Communication 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 5 — Complete 3 Courses

Must be completed after acceptance into major.

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 6 — Complete 3 of 19 Courses

FIN409 Modeling and Valuation - Modeling and Valuation 3.0

FIN411 Financial Derivatives - Financial Derivatives 3.0

FIN413 Real Estate Finance & Invstmnt - Real Estate Finance & Invstmnt 3.0

FIN414 Real Estate Development - Real Estate Development 3.0

FIN415R Silver Fund - Silver Fund - - *You may take 2 times* 3.0

FIN416 Real Estate Capital Mkts & Inv - Real Estate Capital Mkts & Inv - 3.0

FIN418 Financial Planning - Financial Planning 3.0

FIN420 Fixed Income Asset Management - Fixed Income Asset Management 3.0

FIN424 Capital and Security Markets - Capital and Security Markets 3.0

FIN425 PE and VC - PE and VC 3.0

FIN428 M&A, Restructuring & Bnkruptcy - M&A, Restructuring & Bnkruptcy 3.0

FIN432 International Finance - International Finance 3.0

FIN436 Python and Finance - Python and Finance - 3.0

FIN440 Financial Statement Analysis - Corporate Financial Analysis 3.0

FIN444 Fintech - Fintech 3.0

FIN446 Trading and Market Structure - Trading and Market Structure 3.0

FIN451 Decentralized Finance - Decentralized Finance - 3.0

FIN510 CFA Preparation - CFA Preparation 3.0

MBA522 Financial Modeling - Financial Modeling 3.0

Requirement 7 — Complete 1 of 4 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures - Social Impact Lectures 1.0

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Entrepreneurial Management (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Entrepreneurial Management 2026-2027.docx

Learning Outcomes

Title
Entrepreneurial Mindset & Lifelong Learning

Learning Outcome
Embrace a mindset of creation, growth, and learning-viewing innovation as a disciplined process of experimentation and a calling to bless others throughout life.

Title
Strategic Innovation & Market Insight

Learning Outcome
Analyze and respond to customer needs, market dynamics, and competitive conditions through strategic positioning, interdisciplinary innovation, and go-to-market planning.

Title
Evidence-Driven Venture Creation

Learning Outcome
Design, test, and refine early-stage ventures through lean experimentation, data analytics, and iterative validation using real-world evidence.

Title
Collaborative Teamwork & Communication

Learning Outcome
Collaborate in diverse teams with humility, mutual respect, and shared ownership, while communicating ideas persuasively to customers, investors, and collaborators.

Title
Faith-Informed Ethical Stewardship

Learning Outcome
Lead ventures with Christ-centered integrity by aligning decisions with gospel values such as service, humility, truth-seeking, and stewardship of people, ideas, and resources.

Program Requirements

Requirement 1 — Complete 3 Courses

ENT113 Startup Bootcamp - Startup Bootcamp 1.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 11 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 1 of 2 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB342 Product Lecture Series – Product Career Lecture Series 1.0

GCI381R Social Impact Lectures – Social Impact Lecture Series 1.0

Requirement 4 —Complete 3 Requirements

Requirement 4.1 —Complete 6 Courses

Complete the Entrepreneurship Core courses:

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT326 Career Development - Career Development 1.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT402 Entrepreneurship Analytics - Entrepreneurship Analytics 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT436 Experiential Entrepreneurship - Experiential Entrepreneurship 3.0

Requirement 4.2 —Complete 6 hours

Complete two Entrepreneurship Elective courses:

ENT323 Entrep Sales & Persuasion - Entrep Sales & Persuasion 3.0

ENT328 Entrep Digital Marketing - Entrep Digital Marketing 3.0

ENT352 Entrep Through Acquisition - Entrep through Acquisition 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT427 Building Your Lean Venture - Building Your Lean Venture 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT437 Entrepreneurship Capstone - Entrepreneurship Capstone 3.0

ENT442 Ideation & Team Formation – Rapid Ideation & Team Formation 3.0

ENT445R SW PM Lecture Series – Software Product Management Lecture Series 3.0

ENT478 Venture Studio Practicum - Venture Studio Practicum 3.0

ENT490R Topics in Entrepreneurship - Topics in Entrepreneurship - *You may take once* 0.5v

FIN425 PE and VC - PE and VC 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MSB341 Product Management – Product Management 3.0

Requirement 4.3 —Complete 1 of 4 Courses

Capstone course. A course used in this requirement will not double count in the requirement above.

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT437 Entrepreneurship Capstone - Entrepreneurship Capstone 3.0

ENT478 Venture Studio Practicum - Venture Studio Practicum 3.0

Requirement 5 —Complete 1 of 28 Courses

Complete one additional 3.0 credit hour Marriott School course. Courses used to fulfill Requirement 5 cannot be used to fill this requirement.

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT323 Entrep Sales & Persuasion - Entrepreneurial Sales & Persuasion 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT427 Building Your Lean Venture - Building Your Lean Venture 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN425 PE and VC - PE and VC 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Sustainable Product Life Cycle - Sustainable Product Life Cycle 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

MSB413 Leadership Development - Leadrshp Develpmnt 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 Pricing Strategy 3.0

MKTG422 Business to Business Selling Business to Business Selling 3.0

MSB341 Product Management – Product Management 3.0

GCI300 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Marketing (BS) *

Program Information

Major Academic Plan

MAPS - BS in Marketing 2026-2027.docx

Learning Outcomes

Title
Lead with Character and Integrity

Learning Outcome
Students will demonstrate ethical reasoning and Christlike leadership by making marketing decisions grounded in honesty, transparency, and respect for all stakeholders.

Title
Think Strategically to Solve Complex Business Problems

Learning Outcome
Students will analyze market opportunities, diagnose performance, and apply marketing strategy frameworks to drive sound, data-informed business decisions.

Title
Communicate with Impact

Learning Outcome
Students will communicate marketing insights and strategies clearly and persuasively to diverse audiences through professional-quality oral, written, and visual formats

Title
Practice Christlike Collaboration

Learning Outcome
Students will work effectively in teams by demonstrating empathy, accountability, and mutual respect, fostering inclusive and productive group environments.

Title
Apply Marketing Research and Analytics with Discernment

Learning Outcome
Students will collect, analyze, and interpret qualitative and quantitative data to guide customer-centric marketing decisions and evaluate outcomes.

Title
Innovate and Execute Integrated Marketing Plans

Learning Outcome
Students will develop and implement strategic marketing plans using segmentation, positioning, and the full marketing mix to create real customer and business value.

Program Requirements

Requirement 1 — Complete 2 Requirements

Requirement 1.1 —Complete 2 Courses

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 1.2 —Complete 3 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM 305 - Intro Global Supply Chain Mgt 1.5 - *This course is no longer available.*

GSCM 310 - GSCM International 1.5 0 - *This course is no longer available.*

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 6 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 1 of 4 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures - Social Innovation Lectures 1.0

Requirement 4 —Complete 1 of 2 Courses

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

Requirement 5 —Complete 5 Courses

Marketing Core courses:

MKTG326 Career Development - Career Development 1.0

MKTG401 Marketing Research - Marketing Research 3.0

MKTG402 Consumer Behavior - Consumer Behavior 3.0

MKTG403 Advertising & Promotion Mgmt - Advertising & Promotion Mgmt 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

Requirement 6 —Complete 2 Courses

MKTG380 Marketing Lecture Series - Marketing Lecture Series 1.0

MKTG429 Marketing Strategy - Marketing Strategy 3.0

Requirement 7 —Complete 5 Courses

Business Core courses:

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 8 —Complete 3 of 11 Courses

Electives:

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

MKTG411 Marketing Analytics - Marketing Analytics 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG417 Creativity & Design in MKTG - Creativity & Design in MKTG 3.0

MKTG418 - Pricing Strategies 3.0

MKTG419 Product Marketing - Product Marketing 3.0

MKTG420 Marketing Automation - Marketing Automation 3.0

MKTG422 Business to Business Selling - Advanced Sales 3.0

MKTG425 Advanced Digital Marketing - Advanced Digital Marketing 3.0\

MKTG455 Marketing & Brand Consulting - Marketing & Brand Consulting 3.0

MKTG585R Pre-PhD Marketing Seminar - Pre-PhD Marketing Seminar - *You may take once* 3.0

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Business Management (BS) *

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
60

Major Academic Plan
MAPS - BS in Business Management 2026-2027.docx

Learning Outcomes

Title
Demonstrate Foundational Knowledge Across Business Disciplines

Learning Outcome
Graduates will demonstrate a broad and integrated understanding of core business functions (accounting, finance, marketing, operations, human resources, strategic management, etc.) and how these areas contribute to christlike leadership and organizational effectiveness.

Title
Demonstrate Christlike Leadership and Collaborative Teamwork

Learning Outcome
Graduates will lead with integrity, empathy, and moral courage. They will collaborate effectively in diverse teams, demonstrating respect, humility, faith, and a commitment to uplifting others--consistent with gospel-centered leadership principles.

Title
Think Critically and Strategically to Solve Business Problems

Learning Outcome
Graduates will approach complex business challenges with disciplined inquiry, creativity, and strategic insight. They will use evidence-based frameworks to solve problems in ways that reflect both analytical excellence and moral discernment.

Title
Make Ethical, Data-Informed, and Faith-Consistent Decisions

Learning Outcome
Graduates will integrate spiritual values with analytical tools and technologies to make responsible, ethical decisions. They will demonstrate accountability, transparency, and respect for others as stewards in their organizations and communities.

Title
Communicate with Clarity, Compassion, and Conviction

Learning Outcome
Graduates will communicate effectively and professionally--through writing, speaking, and interpersonal interactions--guided by honesty, charity, and a commitment to truth.

Title
Demonstrate Global Awareness, Adaptability, and Lifelong Purpose

Learning Outcome
Graduates will recognize and thoughtfully respond to the moral, cultural, and economic complexities of a global business environment. They will continue learning and growing throughout life, striving to contribute meaningfully to their organizations, families, communities, and the world.

Program Requirements

Requirement 1 — Complete 2 Requirements

Prerequisites:

Requirement 1.1 — Complete 2 Courses

Prerequisites:

ACC200 Principles of Accounting - Principles of Accounting 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Requirement 1.2 — Complete 3 Hours

Prerequisites:

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro to Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply and be formally accepted into the program.

Requirement 2 — Complete 6 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 — Complete 2 of 8 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

GSCM380 GSCM Lecture Series - GSCM Lecture Series 1.0

HRM380 HRM Lecture Series - HRM Lecture Series 1.0

MKTG380 Marketing Lecture Series - Marketing Lecture Series 1.0

HL289R Healthcare Leadership Lectures - Healthcare Ldrship Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures – Social Impact Lecture Series 1.0

Requirement 4 — Complete 1 of 2 Courses

ACC241 Business Law - Business Law 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

Requirement 5 — Complete 8 Courses

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB300 Ldrshp & the Gospel of Christ - Ldrshp & the Gospel of Christ 2.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

MSB326 Career Development - Career Development 1.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 6 — Complete 5 of 50 Courses

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ACC440 Financial Statement Analysis - Financial Statement Analysis 3.0

ENT323 Entrep Sales & Persuasion - Entrepreneurial Sales and Persuasion 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

EXDM302 Hospitality Management – Hospitality Management 3.0

EXDM306 Festivals and Events – Community Festivals and Special Events 3.0

EXDM307 Sport & Entrtnmnt Venue Mngmnt – Sport and Entertainment Venue Management 3.0

EXDM418 Designing for Inc & Belonging – Diversity, Equity, and Inclusion in Experience Design 3.0

FIN402 Managerial Finance - Managerial Finance 3.0

GCI300 Social Impact - Social Impact: Do Good Better 3.0

GCI443 Corporate Social Impact - Corporate Social Impact 3.0

GCI447 Impact Investing - Impact Investing 3.0

GCI448 Advanced Impact Investing - Advanced Impact Investing 3.0

GCI450R Creating Virtuous Orgs - Creating Virtuous Organizations 3.0

GSCM410 AI in Business Operations - AI in Business Operations 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

GSCM414 Sustainable Product Life Cycle - Sustainable Product Life Cycle 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HL288 Intro to Healthcare Leadership – Intro to Healthcare Leadership 3.0

HL382 Delivering Value in Healthcare - Delivering Value in Healthcare 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM425 Conflict Management - Conflict Management 3.0

IS302 Intro Databases (Non-Majors) - Intro Intro Databases (Non-Majors) 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS315 Intro to Python Data Analytics - Intro to Python Data Analytics 3.0

IS355 Predictive AI - Predictive AI 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG411 Marketing Analytics - Marketing Analytics 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 – Pricing Strategies 3.0

MKTG419 Product Marketing - Product Marketing 3.0

MKTG422 Business to Business Selling - Advanced Sales 3.0

MKTG425 Advanced Digital Marketing – Advanced Digital Marketing 3.0

MSB315 Negotiation - Negotiation 3.0

MSB330R GlobalHub - GlobalHub 3.0

MSB341 Product Management - Product Marketing 3.0

MSB409 Leading with Purpose - Leading with Purpose 3.0

MSB413 Leadership Development - Leadrshp Develpmnt 3.0

MSB430 Intro International Business - Intro International Business 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete BYU Marriott exit survey online.

Global Supply Chain Management (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan

MAPS - BS in Global Supply Chain Management 2026-2027.docx

Learning Outcomes

Title
Principled Leadership & Ethical Decision-Making

Learning Outcome
Students will make principled supply chain decisions grounded in faith, integrity, stewardship, and respect for all people, guided by professional and ethical standards and a commitment to serve others worldwide.

Title
End-to-End Supply Chain Systems Excellence

Learning Outcome
Students will apply common supply chain frameworks and tools to analyze and improve end-to-end global supply chain systems that create and deliver value. Focus areas include purchasing and supply management, production and operations management, quality and continuous improvement, data analytics and AI, logistics and inventory management, product management, and strategic supply chain consulting.

Title
Strategic Alignment & Global Collaboration

Learning Outcome
Students will communicate and collaborate effectively to align supply chain relationships and processes strategically across organizations and cultures.

Title
Analytical Insight & Decision Quality

Learning Outcome
Students will analyze and interpret data using appropriate analytical tools and methods to generate actionable insights, evaluate tradeoffs, and guide sound supply chain decisions.

Title
Digital Integration & Human–Technology Coordination

Learning Outcome
Students will integrate supply chain processes, information systems, and technologies to enable effective planning and execution through human–technology coordination.

Program Requirements

Requirement 1 — Complete 2 Requirements

Requirement 1.1 —Complete 2 Courses

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 1.2 —Complete 3 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply and be formally accepted to the program.

Requirement 2 —Complete 10 courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

GSCM380 GSCM Lecture Series - GSCM Lecture Series 1.0

GSCM412 Operations Analytics - Operations Analytics 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 1 Course

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures- Social Innovation Lectures - 1.0

Requirement 4 —Complete 5 Courses

GSCM Core courses to be completed during first Fall semester in program:

GSCM326 Career Development - Career Development 1.0

GSCM401 Operations Management - Operations Management 3.0

GSCM402 Quality Management - Quality Management 3.0

GSCM403 Purchasing/Supply Management - Purchasing/Supply Management 3.0

GSCM404 Supply Chain Logistics - Supply Chain Logistics 3.0

Requirement 5 —Complete 2 Courses

Complete 2 of the following courses, not already completed, during first Winter semester in program:

GSCM410 AI in Business Operations - AI in Business Operations - 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Sustainable Product Life Cycle - Sustainable Product Life Cycle 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

GSCM512 Advanced Operations Analytics – Advanced Operations Analytics 3.0

GSCM585 Scholarly Research in GSCM - Scholarly Research in GSCM 3.0

Requirement 6 —Complete 1 Course

GSCM429 Global Supply Chain Strategy - Global Supply Chain Strategy 3.0

Requirement 7 —Complete 3 Courses

Business Core courses:

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 8 —Complete 3 hours

Complete one additional, not already completed, 3.0 credit hour Marriott School course:

ACC241 Business Law - Business Law 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

FIN418 Financial Planning - Financial Planning 3.0

GSCM410 AI in Business Operations - AI in Business Operations - 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

GSCM414 Sustainable Product Life Cycle - Intro to Sustainable Business 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

GSCM512 Advanced Operations Analytics – Advanced Operations Analytics 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

MSB413 Leadership Development - Leadrshp Develpmnt 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG422 Business to Business Selling - Business to Business Selling 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

GCI300 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

GCI443 Corporate Social Impact - Corporate Social Impact 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

MSB494R On-Campus Experiential Project - On-Campus Experiential Project - *You may take once* 3.0

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Human Resource Management (BS) *

Program Information

Minimum Credit Hours
63

Maximum Credit Hours
63

Major Academic Plan
MAPS - BS in Human Resource Management 2026-2027.docx

Learning Outcomes

Title
Christlike Leadership

Learning Outcome
Provide Christlike, ethical, and effective leadership to all people, recognizing each as a child of God.

Title
Technical HR Foundation

Learning Outcome
Demonstrate a sound foundational knowledge of different areas of HR practice - attracting, developing, rewarding, and retaining talented people - plus HR legal issues.

Title
Organizational Behavior and Design

Learning Outcome
Describe the major theories, concepts, and research findings in the fields of organizational behavior and organizational design.

Title
Critical Evaluation & Analytics

Learning Outcome
Collect and analyze qualitative and quantitative data, interpret and promote findings, and inform business decisions and recommendations.

Title
Change & Implementation

Learning Outcome
Work with organizational stakeholders as an internal or external consultant to evaluate organizational challenges and identify opportunities and solutions for the design, implementation, and evaluation of change initiatives.

Title
Communication

Learning Outcome
Effectively craft and deliver concise and informative communications, listen to the concerns of others, and interact with diverse groups throughout organizational units and levels.

Program Requirements

Requirement 1 —Complete 2 Requirements

Requirement 1.1 —Complete 2 Courses

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 1.2 —Complete 3 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

IS303 Intro Computer Programming - Intro Computer Programming 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 7 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 1 of 4 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures - Social Innovation Lectures - *You may take once* - 1.0

Requirement 4 —Complete 1 Course

MSB300 Ldrshp & the Gospel of Christ - Ldrshp & the Gospel of Christ 2.0

Requirement 5 —Complete 7 Courses

HRM Core courses:

HRM326 Career Development - Career Development 2.0

HRM401 Organizational Effectiveness - Organizational Effectiveness 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

HRM411 Organiztnl Developmnt & Change - Organiztnl Developmnt & Change 3.0

HRM412 Compnstn, Benefits, & Perf Mgt - Compnstn, Benefits, & Perf Mgt 3.0

MSB413 Leadership Development - Managerial Leadrshp Develpmnt 3.0

HRM421 HRM Implementation - HRM Implementation 3.0

Requirement 6 —Complete 4 Courses

Business Core courses:

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 7 —Complete 2 of 16 Courses

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT302 Legal Issues in Entrep - Legal Issues in Entrep 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

EXDM418 Designing for Inc & Belonging - Designing for Inc & Belonging 3.0

FIN200 Personal Finance - Personal Finance 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

HRM585R Pre-PhD Seminar - Pre-PhD Seminar - You may take once 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Adv Spreadsheets Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Professional Selling 3.0

GCI300 Social Impact - Social Impact 3.0

MSB409 Leading with Purpose - Leading with Purpose 3.0

MSB430 Intro International Business - Intro International Business 3.0

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete Marriott School exit survey online.

Strategic Management (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Strategic Management 2026-2027.docx

Learning Outcomes

Title
Gather and Analyze Data to Discern Truth

Learning Outcome
Identify, collect, and critically evaluate diverse and credible data sources to uncover truth in complex, ambiguous, and dynamic environments.

Title
Apply Strategic Reasoning

Learning Outcome
Utilize logic, analytical frameworks, and structured problem-solving to interpret data, assess stakeholder impacts, and recommend courses of action that will create long-term value for individuals, organizations, and society.

Title
Implement Strategic Decisions to Create and Capture Value

Learning Outcome
Translate strategic insights into realized value through disciplined execution, wise stewardship of resources, and inspiring others to achieve shared goals.

Title
Demonstrate Christlike Leadership and Character

Learning Outcome
Integrate moral principles and Christ-centered values into decision-making and implementation to promote human flourishing.

Title
Shape the Future of Strategy Research and Practice

Learning Outcome
Lead the global conversation on strategy by generating cutting-edge insights, pioneering new approaches, and inspiring others to adopt and extend best practices in both academic and applied settings.

Program Requirements

Requirement 1 — Complete 3 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 6 Courses

FIN201 Principles of Finance - Principles of Finance 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

IS111 Intro to AI in Business - Intro to AI in Business

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 5 Courses

Business Core:

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

MSB300 Ldrshp & the Gospel of Christ - Ldrshp & the Gospel of Christ 2.0

PSE390 Ethics for Management - Ethics for Management 3.0

Requirement 4 —Complete 2 of 6 Courses

ENT381 Entrep Lecture Series - Entrep Lecture Series 1.0

ENT382 Tech Entrep Lecture Series - Tech Entrep Lecture Series 1.0

HL289R Healthcare Leadership Lectures - Healthcare Leadership Lectures - *You may take once* 1.0

MSB342 Product Lecture Series - Product Lecture Series 1.0'

MSB380 Executive Lectures - Executive Lectures 1.0

GCI381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

Requirement 5 — Complete 8 Courses

Strategy Core courses:

STRAT326 Career Development - Career Development 1.0

STRAT401 Foundations of Strategy - Foundations of Strategy 3.0

STRAT402 Economics of Strategy - Economics of Strategy 3.0

STRAT411 Advanced Competitive Strategy - Advanced Competitive Strategy 3.0

STRAT412 Strategy Analytics - Strategy Analytics 3.0

STRAT421 Strategy Implementation - Strategy Implementation 3.0

STRAT431 Strategic Thinking 1 - Strategic Thinking 1 1.5

STRAT432 Strategic Thinking 2 - Strategic Thinking 2 1.5

Requirement 6 — Complete 3 of 34 Courses

ACC241 Business Law - Business Law 3.0

ACC310 Principles of Acctg 2 - Principles of Acctg 2 3.0

ENT401 Entrepreneurial Innovation - Entrepreneurial Innovation 3.0

ENT411 Creating New Ventures - Creating New Ventures 3.0

ENT421 Financing New Ventures - Financing New Ventures 3.0

ENT422 Managing New Ventures - Managing New Ventures 3.0

ENT425 Venture Capital for Startups - Venture Capital for Startups 3.0

ENT431 Innovation Practicum - Innovation Practicum 3.0

ENT432 Commercializing Innovation - Commercializing Innovation 3.0

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

FIN312 Investments Academy - Investments Academy 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GSCM414 Sustainable Product Life Cycle - Sustainable Product Life Cycle 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

MSB413 Leadership Development - Leadrshp Develpmnt 3.0

IS120 Intro to Web Development - Introduction to Web Development 3.0

IS302 Intro Databases (Non-Majors) - Intro Databases (Non-Majors) 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MKTG412 Professional Selling - Sales Management 3.0

MKTG414 Entrepreneurial Marketing - Entrepreneurial Marketing 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

MKTG416 International Marketing - International Marketing 3.0

MKTG418 - Pricing Strategies 3.0

MKTG422 Business to Business Selling - Business to Business Sales 3.0

MKTG425 Advanced Digital Marketing - Advanced Digital Marketing 3.0

MSB341 Product Management - Product Management 3.0

GCI300 Social Impact - Social Impact 3.0

MSB430 Intro International Business - Intro International Business 3.0

STRAT325 Intro to Management Consulting - Intro to Management Consulting 3.0

STRAT427 Consulting Project Management - Consulting Project Management 3.0

STRAT477R APM Lab - APM Lab - *You may take once* 3.0

Requirement 7 — Deficient — Obtain confirmation from your advisement center that you have completed the following

Complete Marriott School exit survey online.

TEAML (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
20

Learning Outcomes

Title
1. Recognize Divinity

Learning Outcome
Recognize the divine identities of multilingual students and their families while fostering a sense of belonging in your classroom, school, and community.

Title
2. Instruct Content and Language

Learning Outcome
Design lessons that build English proficiency while teaching subjects such as literacy, math, history, science, literature, and the arts.

Title
3. Connect Learning

Learning Outcome
Connect classroom learning to students' backgrounds, experiences, and identities, helping them see their capabilities and value their own ideas.

Title
4. Exercise Virtue

Learning Outcome
Exercise Christlike virtue to help multilingual students see themselves as capable and their ideas as important.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Board of Education licensing requirements. For the 2026-2027 academic year, all candidates must complete required TML courses and receive a passing score on the Praxis English to Speakers of Other Languages (#5362) at the level set by the USBE in order to meet the endorsement content knowledge requirements. To review these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426.

The TEAML minor is highly recommended for elementary education, early childhood education, special education mild/moderate, and secondary education majors. Students in these majors will meet some of the course requirements within their major program. Please contact the Education Advisement Center, 175 MCKB, (801) 422-3426 with any questions.

Students accepted into the major after May 2020 must (a) maintain an overall GPA of no less than 2.7 since admission to a teacher preparation major and/or minor program, (b) receive a C grade or better in all education-related and major and minor course (including any courses taken prior to acceptance into a teaching major or minor) and (c) demonstrate sufficient and timely progress in coursework and field experiences. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 of 3 Courses

CPSE480 Cult Resp Practice in SPED - Ed & Multicult Issues in Sp Ed 2.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Requirement 2 — Complete 1 Course

TML410 Disciplinary Lit in Addl Lang - Disciplinary Lit in Addl Lang 3.0

Requirement 3 — Complete 1 Option

Option 3.1 — Complete 1 Course

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

ECE336 Planning & Assessment in ECE - Planning & Assessment in ECE 3.0

TML420 Assessment/Planning for MLs - Assess'g Ling Diverse Students 2.0

Option 3.2 — Complete 2 Courses

EL ED310 Planning & Assessment 1 - Planning & Assessment 1 2.0

EL ED410 Planning & Assessment 2 - Planning & Assessment 2 1.0

Requirement 4 — Complete 1 of 4 Courses

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

ECE433 Tchng Literacy Pre K-3 - Tchng Literacy Pre K-3 3.0

EL ED333 Tchg Literacy in Grades K-2 - Tchg Literacy in Grades K-2 3.0

TML430 Adolescent Lit in Addl Lang - K-12 Liter. 2nd Lang. Learners 2.0

Requirement 5 — Complete 1 Course

TML400 Foundations in Tchng MLs - Foundations in Tchng MLs 2.0

Requirement 6 — Complete 1 of 2 Courses

CPSE460 Collaboration - Collaboration 3.0

TML450 Fam, Home & Comm Partnerships - Family,Sch,& Comm Partnerships 2.0

Requirement 7 — Complete 4 hours

Complete four credit hours of the following after all the courses above have been completed:

TML442R TEAML Practicum - TESOL K-12 Practicum - *You may take once 4.0*

Dual-Language Immersion K-12 Teaching (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Learning Outcomes

Title
DLI Principles and Research Findings

Learning Outcome
Articulate theoretical principles and research findings about dual language education, including research about best teaching and program organizational practices.

Title
Planning and Curriculum

Learning Outcome
Create lessons that include objectives in content and language that correspond to subject/curriculum guidelines and student proficiency levels. Create, select, and modify curriculum and materials for use in immersion programs.

Title
Classroom Management

Learning Outcome
Manage the classroom in the immersion language, making input comprehensible and sustaining a clear and consistent separation of languages. Scaffold activities to provide opportunities for student output in the immersion language and elicit specific language functions and forms.

Title
Instruction

Learning Outcome
Implement content (literacy, math, science, social-studies, culture, etc.) and language instruction that demonstrates core immersion education teaching strategies and follows a gradual release from guided to independent practice that is then appropriately evaluated in a variety of ways.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 2 Option

Complete the following prerequisites prior to declaring the minor:

Requirement 1.1 — Obtain confirmation from your advisement center that you have completed the following:

Be admitted to a teaching major. (This certifies that students have met state requirements for basic skills tests, GPA and grades in individual courses, and have passed a criminal background check, as per the policies of BYU's Educator Preparation Program.) Also, Pass an Oral Proficiency Interview with a rating of Advanced Mid or better.

Requirement 1.2 — Complete 1 Course

FLANG300 Foundations of Immersion Ed - Foundations of Immersion Ed 3.0

Requirement 2 — Complete 2 Courses

FLANG301 Content-Based Instruction - Content-Based Instruction 3.0

FLANG302 Biliteracy Development in DLI - Biliteracy Development in DLI 3.0

Requirement 3 — Complete 1 of 5 Courses

Language teaching methods courses:

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

FREN377 French Teaching Methods 1 - Intro to French Language Tchg 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

Requirement 4 — Complete 1 Course

Complete the following after all the above courses have been completed:

FLANG477R DLI K-12 Student Teaching - DLI K-12 Student Teaching - *You may take once* 4.0

Special Education (BS): Mild/Moderate Disabilities Emphasis

Program Information

Minimum Credit Hours
59

Maximum Credit Hours
59

Major Academic Plan

MAPS - BS in Special Education Mild-Moderate Disabilities 2026-2027.docx

Learning Outcomes

Title
1. Effective instruction

Learning Outcome
The teacher understands and demonstrate effective instruction.

Title
2. Progress monitoring

Learning Outcome
The teacher understands and demonstrates progress monitoring.

Title
3. Adapting or intensifying support

Learning Outcome
The teacher understands and demonstrates appropriate adaptation or intensification of support.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 —Complete 5 Courses

Complete the following with at least a C grade prior to beginning the program:

CPSE203 Intro to Special Education - Intro to Special Education 3.0

CPSE410 Appl Behavior Analysis in Ed - Appl Behavior Analysis in Ed 3.0

CPSE480 Cult Resp Practice in SPED - Ed & Multicult Issues in Sp Ed 2.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

Requirement 2 —Complete 6 Courses

Core courses:

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

CPSE425 Lang Arts Elem: Disabilities - Lang Arts Elem: Disabilities 3.0

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

CPSE440 Transition planning - Transition planning 3.0

CPSE460 Collaboration - Collaboration 3.0

CPSE470 Legal Issues in Spec Ed - Legal Issues in Spec Ed 3.0

Requirement 3 —Complete 17 hours

Emphasis courses:

CPSE442 Soc/Beh Strtgs M/M Disb - Soc/Beh Strtgs M/M Disb 3.0

CPSE446 Ment Sec Ed: M/M Disabilities - Ment Sec Ed: M/M Disabilities 3.0

CPSE452 Eff Tch Str: M/M Disabilities - Eff Tch Str: M/M Disabilities 3.0

CPSE462 Tch Math to Stdnts w/Disablts - Tch Math to Stdnts w/Disablts 3.0

CPSE463 Asst Tech for Stdnts w/Disab - Asst Tech for Stdnts w/Disab 2.0

CPSE466 Ment Tch Stdn w/ Mild/Mod Dis - Ment Tch Stdn w/ Mild/Mod Dis 3.0

Requirement 4 —Complete 12 hours

Student teaching or internship experience:

Application for student teaching must be completed prior to student teaching. Applications are online at https://education.byu.edu/advisement/student_teaching

Option 4.1 —Complete up to 12 hours

CPSE486R Student Tchg: M/M Disabilities - Student Tchg: M/M Disabilities - *You may take up to 12.0 credit hours* 1.0v

Additional Licensing Requirements: It is the student's responsibility to be sure that the PRAXIS test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Special Education (BS): Severe Disabilities Emphasis

Program Information

Minimum Credit Hours
59

Maximum Credit Hours
59

Major Academic Plan
MAPS - BS in Special Education Severe Disabilities 2026-2027.docx

Learning Outcomes

Title
1. Effective Instruction

Learning Outcome
The teacher understands and demonstrate effective instruction.

Title
2. Progress Monitoring

Learning Outcome
The teacher understands and demonstrates progress monitoring.

Title
Adaptation or Intensification

Learning Outcome
The teacher understands and demonstrates appropriate adaptation or intensification of support.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 —Complete 5 Courses

Complete the following with at least a C grade prior to beginning the program:

CPSE203 Intro to Special Education - Intro to Special Education3.0

CPSE410 Appl Behavior Analysis in Ed - Appl Behavior Analysis in Ed 3.0

CPSE480 Cult Resp Practice in SPED - Ed & Multicult Issues in Sp Ed 2.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

Requirement 2 —Complete 6 Courses

Core courses:

CPSE420 Assess/Eval Stdnts w/Excp Nds - Assess/Eval Stdnts w/Excp Nds 3.0

CPSE425 Lang Arts Elem: Disabilities - Lang Arts Elem: Disabilities 3.0

CPSE430 Tching Read/LA Disabilities Se - Tching Read/LA Disabilities Se 3.0

CPSE440 Transition planning - Transition planning 3.0

CPSE460 Collaboration - Collaboration 3.0

CPSE470 Legal Issues in Spec Ed - Legal Issues in Spec Ed 3.0

Requirement 3 —Complete 17 hours

Emphasis courses:

CPSE443 Soc/Beh Strgs Severe Disabil - Soc/Beh Strgs Severe Disabil 3.0

CPSE447 Ment Sec Ed: Severe Disability - Ment Sec Ed: Severe Disability 3.0

CPSE453 Cur & Inst: Severe Disabilits - Cur & Inst: Severe Disabilits 3.0

CPSE462 Tch Math to Stdnts w/Disablts - Tch Math to Stdnts w/Disablts 3.0

CPSE463 Asst Tech for Stdnts w/Disab - Asst Tech for Stdnts w/Disab 2.0

CPSE467 Ment Tchg Stds Severe Dis Elem - Ment Tchg Stdnts w/ Severe Dis 3.0v

Requirement 4 —Complete 1 Requirement

Student teaching or internship experience:

Application for student teaching must be completed prior to student teaching. Applications are online at https://education.byu.edu/advisement/student_teaching

Requirement 4.1 —Complete 12 hours

CPSE487R Student Tchg: Severe Disabilit - Student Tchg: Severe Disabilit- *You may take up to 12.0 credit hours* 1.0v

Additional Licensing Requirements: It is the student's responsibility to be sure that the PRAXIS test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Communication Disorders (BS) *

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
61

Major Academic Plan
MAPS - BS in Communication Disorders 2026-2027.docx

Learning Outcomes

Title
Knowledge of communication sciences and disorders

Learning Outcome
Demonstrate knowledge of core concepts in communication sciences and disorders including typical and atypical language hearing and speech.

Title
Critical Thinking

Learning Outcome
Apply critical thinking skills to communication sciences and disorders including typical and atypical language hearing and speech.

Title
Professionalism

Learning Outcome
Identify core elements of professionalism such as ethics, equity, advocacy, bias, social justice, health disparities, access to services, cultural competence, implementing feedback, and other topics.

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This is a limited-enrollment program requiring departmental acceptance. Please see the college advisement center for information regarding requirements for application to this major.

Requirement 1 —Complete 2 Requirements

Pre-major courses:

Requirement 1.1 —Complete 1 of 2 Courses

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 1.2 —Complete 3 Courses

COMD133 Intro Speech/Lng Path & Aud - Intro Speech/Lng Path & Aud 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Apply for and be admitted to the major.

Requirement 2 —Complete 15 Courses

After admission to the major, complete the following:

ASL101 First-Year ASL 1 - First-Year ASL 1 4.0

COMD215 Speech Anatomy & Physiology - Speech Anatomy & Physiology 3.0

COMD321 Language Development - Language Development 3.0

COMD325 Clinical Phonetics - Clinical Phonetics 3.0

COMD211 Language Science - Language Science 3.0

COMD213 Hearing Science & Acoustics - Hearing Science & Acoustics 3.0

COMD431 Language Disorders - Language Disorders 3.0

COMD335 Intro Speech Sound Disorders - Intro Speech Sound Disorders 3.0

COMD420 Neurofndtns Lang,Spch,Hearing - Neurofndtns Lang,Spch,Hearing 3.0

COMD445 Speech Science - Speech Science 3.0

COMD370 Medical Speech Pathology - Medical Speech Pathology 3.0

COMD323 Hearing Tests & Measures - Hearing Tests & Measures 3.0

COMD433 Aural Rehabilitation - Aural Rehabilitation 3.0

COMD450 Professional Practices - Professional Practices 3.0

COMD460 Capstone Clinical Methods - Capstone Clinical Methods 3.0

Recommended Courses are not required to complete the program

COMD318 Graduate School Preparation - Graduate School Preparation 2.0

NOTE: In lieu of ASL 101, any other foreign language course 101 level or higher (taken at the university level) may be used.

Design Thinking (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
18

Program Requirements

9 credit hours must be taken outside of the student's primary major.

Requirement 1 — Complete 1 Course

Introduction to Design Thinking

TES112 Innovation - Innovation 1.0

Requirement 2 — Complete 9 hours

Design Thinking Practices

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR370 Community Based Research - Community Based Interventions 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR526 Museum Exhibitns & Progrmmng - Museum Exhibitns & Progrmmng 3.0

C S256 Introduction to HCI - Introduction to Human Computer interaction 3.0

ENGL218 Creative Writing - Creative Writing 3.0

ENT113 Startup Bootcamp - Startup Boot Camp

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM404 Experience Design - Experience Design 3.0

EXDM422 Experience Needfinding - Experience Needfinding 3.0

IP&T420 Design Psychology - Learning Theories for Design 3.0

IP&T461 Design Evaluation - Design Evaluation 3.0

IP&T464 Instruc. Design for Business - Instruc. Design for Business 3.0

CYBER555 Usable & Secure Design - Adv Human-Computer Interaction 3.0

GCI300 Social Impact - Social Impact 3.0

GCI310 Designing Social Impact - Designing Social Impact 3.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TES330 Creat Eng and Prob Solving II - Creativity,Engr & Prob Solving 3.0

Requirement 3 — Complete 1 of 13 Courses

Design Thinking Tools

DESPH116 Introduction to Photography - Introduction to Photography 3.0

DIGHT210 Programming in Humanities 1 - Intro to Programming 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT330 Intermediate Print Publishing - Intermediate Print Publishing 3.0

DIGHT340 JavaScript Development - JavaScript Development 3.0

DIGHT350 Web Information Technologies - Web Information Technologies 3.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

Requirement 4 — Complete 1 of 6 Courses

Project: All other program requirements must be completed either before or during the semester in which the project course is taken.

DESPX497R Product Design Capstone - Product Design Capstone - *You may take once* 3.0

EXDM494R Experience Design Lab - Experience Design Lab - *You may take once* 3.0

IP&T498R Product Design for Education - Product Design for Education - *You may take once* 3.0

GCI425R Social Impact Projects - Social Impact Internship - *You may take once* 3.0

General Studies (BGS): Education Emphasis

Program Information

Minimum Credit Hours
12

Maximum Credit Hours
13

Major Academic Plan
MAPS - BGS in General Studies - Education 2026-2027.docx

Program Requirements
Have 27 hours of campus residency.

Complete a minimum of 9 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Before applying to the Education BGS, the student must have (1) been accepted into a teaching major at BYU (Early Childhood Education, Elementary Education, Physical Education Teacher Education, Special Education, or Secondary Education teaching major), (2) completed all university core and specific teaching major requirements, except student teaching, and (3) earned the minimum course grades and GPA requirements for their teaching major (this varies depending on when student was accepted into the teaching major).

Requirement 1 —Complete 1 Course

Prerequisite Course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 9 hours

Courses on this list taken prior to being accepted to the Education BGS or those required for completion of the teaching major cannot be counted for this requirement. (Check with BGS office for current list of courses.)

EL ED340 Children's Literature - Children's Literature 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

SFL210 Human Development - Human Development 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

ECE355 Language Development - Language Development 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

Requirement 3 —Complete 1 Course

STDEV490 BGS Capstone - BGS Capstone 2.0

Elementary Education (BS)

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
67

Major Academic Plan
MAPS - BS in Elementary Education 2026-2027.docx

Learning Outcomes

Title
Effective and Nurturing Learning Environment

Learning Outcome
Teacher candidates will establish and maintain an effective and nurturing learning environment that prepares students to participate in a civic society.

Title
Learner Development and Differences

Learning Outcome
Teacher candidates will provide equitable access to academic knowledge by applying understandings of learner development and learner differences.

Title
Engaged Learning and Academic Knowledge

Learning Outcome
Teacher candidates will facilitate engaged learning and attend to equitable access to academic knowledge through content knowledge assessment planning and instructional strategies.

Title
Stewardship in the Schools

Learning Outcome
Teacher candidates act as stewards of the schools and communities and demonstrate commitment to simultaneous renewal through reflection professionalism and collaboration.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To review these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426.

Requirement 1 —Complete 2 Courses

Complete the following Pre-requisites:

EL ED200 Intro to Education - Intro to Education 2.0

SFL210 Human Development - Human Development 3.0

Note: The Global and Cultural Awareness and Letters general education requirements are fulfilled through completion of the Elementary Education major.

Students accepted into the major after May, 2020, must (a) maintain a total GPA of no less than 2.7 since admission to teacher preparation major and/or minor program, (b) receive a C or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Complete admission process for the program through the Teacher Education Department. See http://education.byu.edu/ted/eled for admission requirements.

Requirement 2 —Complete 20 Courses

CPSE300 Ex Studnts:Prin of Collaboratn - Ex Studnts:Prin of Collaboratn 2.0

ECE334 Introduction to ECE - Introduction to ECE 3.0

EDLF411 Legal & Ethical Issues - Legal & Ethical Issues 1.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 2.0

EL ED299R Management & Practicum 1 - Management & Practicum 1 - *You may take up to 3.0 credit hours* 1.0v

EL ED310 Planning & Assessment 1 - Planning & Assessment 1 2.0

EL ED333 Tchg Literacy in Grades K-2 - Tchg Literacy in Grades K-2 3.0

EL ED340 Children's Literature - Children's Literature 3.0

EL ED399R Management & Practicum 2 - Management & Practicum 2 - *You may take up to 3.0 credit hours* 1.0v

EL ED410 Planning & Assessment 2 - Planning & Assessment 2 1.0

EL ED435 Teaching Writing in Grades K-6 - Teaching Writing in Grades K-6 2.0

EL ED443 Tchg Literacy in Grades 3-6 - Tchg Literacy in Grades 3-6 3.0

EL ED445 Tchng Social Studies in K-6 - Tchng Social Studies in K-6 3.0

EL ED446 Tchng Science in Grades K-6 - Tchng Science in Grades K-6 3.0

EL ED447 Tchg Math in Grades K-6 - Tchg Math in Grades K-6 3.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 in El. Ed. - Integrating K-12 in El. Ed. 1.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

MTHED306 Concepts of Math - Concepts of Math 2.0

PETE212 PE & Hlth Ed - Elem Sch Tchrs - PE & Hlth Ed - Elem Sch Tchrs 2.0

Requirement 3 —Complete 1 of 4 Courses

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

Requirement 4 —Complete 12 hours

Note: Prior application is required. Apply for student teaching / internship by September 15th or January 15th.

EL ED400R Elementary Student Teaching - Elementary Student Teaching - *You may take up to 12.0 credit hours* 1.0v

EL ED496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 8.0v

Note: It is the student's responsibility to be sure that the Praxis II test has been passed and that BYU has received the test scores and that his or her fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Recommended Courses are not required to complete the program

The following courses are strongly recommended:

BIO100 Principles of Biology - Principles of Biology 3.0

WRTG313 Adv Wrtg for Educators - Expository Writing for El Ed 3.0

Social Science Teaching (BS)

Program Information

Minimum Credit Hours
77.5

Maximum Credit Hours
92

Major Academic Plan
MAPS - BS in Social Science Teaching 2026-2027.docx

Learning Outcomes

Title
Subject Matter

Learning Outcome
Candidates can identify the core concepts and standards associated with the social science curricula taught in secondary classrooms (subject areas: history, political science, geography, psychology) and can create learning experiences that make these concepts meaningful for students.

Title
Learner and Learning

Learning Outcome
Candidates treat young people as children of God and can describe how young people learn and develop, acknowledging individual and cultural differences, in order to create environments that motivate collaborative learning.

Title
Instructional Strategies

Learning Outcome
Candidates seek inspiration to create and use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills, and use assessments to inform instruction.

Title
Professional Development

Learning Outcome
Candidates continually reflect on and evaluate their teaching practices, actively seek opportunities to grow professionally, engage in ethical and compassionate behavior, and collaborate with stakeholders (students, parents, and other professionals in the learning community).

Title
Utah Effective Teaching Standards

Learning Outcome
Demonstrate basic competency in the Utah Effective Teaching Standards as established by Utah Teacher Education Assessment and Accreditation Council and the Utah State Board of Education

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 5 Course

Note: HIST 201, 202, 220, and 221 must be completed before taking HIST 477 and HIST 478.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST364 Utah - Utah 3.0

NOTE: University Core Civilization courses (201/202) offered by other departments can substitute for their History equivalents (HIST 201 and/or HIST 202). A score of a 4 or higher on the AP United States History Exam can substitute for either HIST 220 or HIST 221. A score of 4 or higher on the AP World History Modern Exam can substitute for HIST 202. For each course in Requirement 3 substituted by either AP exam credit or other department Civilization credit, History Teaching Majors are required to take an additional 3.0 credit course from the list in Requirement 4.

Requirement 2 — Complete 1 Course

NOTE: Students are encouraged to take HIST 201, HIST 202, HIST 220, HIST 221 prior to enrollment in HIST 276. Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276.

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci 4.0

Requirement 3 — Complete 1 Course

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

Requirement 4 — Complete 1 Course

Note: HIST 397 and HIST 399 cannot double-count toward Requirements 3 and 4. HIST 398 cannot double-count toward Requirements 4 and 12.1.

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST304 European Expansion - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - Nineteeth-Century Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - History of the Mediterranean Sea 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST316 Mod. American Warfare Studies - Mod. American Warfare Studies 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-American History 1865-Present 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

HIST431 Public History - Public History 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

Requirement 5 — Complete 2 Courses

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

Requirement 6 — Complete 1 of 2 Courses

Note: Students planning to teach in the state of Utah should take Geog 245.

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

Requirement 7 — Complete 1 Course

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

Requirement 8 — Complete 1 of 2 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

Requirement 9 — Complete 1 Course

SOC111 Introductory Sociology - Introductory Sociology 3.0

Requirement 10 — Complete 1 of 25 Courses

Complete 1 course in cultural anthropology or archaeology. Courses outside this list must have pre-approval.

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

ANTHR110 Discovering Archaeology - Discovering Archaeology 3.0

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

ANTHR335 Peoples of India - Peoples of India 3.0

ANTHR336 Cinema & Culture in India - Cinema & Culture in India 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

ANTHR346 Anthro of Latter-day Saints - Anthropology of Mormonism 3.0

ANTHR348 Contemporary Japan - Contemporary Japan 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean & Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

Requirement 11 — Complete 2 Requirements

Requirement 11.1 — Complete 1 Course

PSYCH111 Psychological Science - Psychological Science 3.0

Requirement 11.2 — Complete 1 of 8 Courses

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH342 Psychopathology - Psychopathology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

Requirement 12 — Complete 2 Requirements

NOTE: ECON 110 cannot double-count toward requirements 12.1 and 12.2. HIST 398 cannot double-count toward requirements 12.1 and 4.

Requirement 12.1 — Complete 1 of 2 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

HIST398 American Capitalism - American Capitalism 3.0

Requirement 12.2 —Complete 1 of 3 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN200 Personal Finance - Personal Finance 3.0

SFL260 Family Finance - Family Finance 3.0

Requirement 13 — Complete 2 Requirements

Professional Education Component:

Licensure Requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the exit interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

NOTE: Admittance to the major is required BEFORE enrolling in HIST 477 and 478. HIST 477 and 478 must be taken concurrently.

Requirement 13.1 — Complete 6 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 2.0

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ -Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 13.2 — Complete 12 hours

Apply for student teaching/internship one semester in advance by September 15th or January 15th. Applications are online at https://educator.byu.edu/.

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST - *Must be taken for 12.0 credit hours* 1.0v

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *Must be taken for 12.0 credit hours* 12.0

Note: It is the student's responsibility to be sure that the Praxis test has been taken and that BYU has received the test scores, that their fingerprint background clearance is current, and that state licensing fees have been paid prior to graduation. Students are strongly discouraged from working another job during the time of their student teaching/internship. In addition, students must pass the PPAT assessment to graduate and receive a teaching license. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Early Childhood Education (BS)

Program Information

Minimum Credit Hours
67

Maximum Credit Hours
68

Major Academic Plan
MAPS - BS in Early Childhood Education 2026-2027.docx

Learning Outcomes

Title
1. Learner Development and Differences

Learning Outcome
Teacher candidates integrate knowledge of child development and learner differences to support children and their families and advocate for equitable access to learning for all children.

Title
2. Content Knowledge

Learning Outcome
Teacher candidates use discipline-specific concepts, tools of inquiry, and learning trajectories to facilitate engaging and equitable learning experiences for all children.

Title
3. Nurturing Pedagogy

Learning Outcome
Teacher candidates create and foster nurturing pedagogy by providing meaningful learning experiences and supportive environments for all learners through developmentally, culturally, and spiritually informed practices.

Title
4. Professionalism

Learning Outcome
Teacher candidates demonstrate the highest standard of professional conduct as they advocate for young children and their families, engage in renewal through reflection, recognize the divine potential of all God's children, and collaborate with stakeholders to build a shared vision for student growth.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact Education Advisement Center, 175 MCKB, 801-422-3426.

Requirement 1 —Complete 1 Requirement

Complete the following Pre-requisites:

Requirement 1.1 —Complete 2 Courses

ECE200 Foundations of ECE - Foundations of ECE 3.0

SFL210 Human Development - Human Development 3.0

Note: The Global & Cultural Awareness and Letters general education requirements are fulfilled through completion of the Early Childhood Education major.

Students accepted into the major after May, 2020, must (a) maintain a total GPA of no less than 2.7 since admission to teacher preparation major and/or minor program, (b) receive a "C" or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Complete admission process for the program through the Teacher Education Department. Go to http://education.byu.edu/ted/early_childhood for admission requirements.

Requirement 2 —Complete 18 Courses

CPSE300 Ex Studnts:Prin of Collaboratn - Ex Studnts:Prin of Collaboratn 2.0

ECE299R Prek-K Practicum - Prek-K Practicum - *You may take once* 2.0

ECE301 PE, Health, and Play - PE, Health, and Play 3.0

ECE330 Child Guidance - Child Guidance 3.0

ECE333 Literacy Development I - Literacy Development I 3.0

ECE336 Planning & Assessment in ECE - Planning & Assessment in ECE 3.0

ECE340 Literature for Young Children - Literature for Young Children 2.0

ECE355 Language Development - Language Development - 3.0

ECE399R Primary Grade Practicum - Primary Grade Practicum - *You may take once* 3.0

ECE430 Fam, Schools, and Communities - Fam, Schools, and Communities 2.0

ECE433 Tchng Literacy Pre K-3 - Tchng Literacy Pre K-3 3.0

ECE444 Social Studies in ECE - Social Studies in ECE 2.0

ECE446 Tchng Science Pre K-3 - Tchng Science Pre K-3 3.0

ECE447 Tching Math Pre K-3 - Tching Math Pre K-3 3.0

EDLF411 Legal & Ethical Issues - Legal & Ethical Issues 1.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 2.0

IP&T370 Tech in Erly Childhood Classes - Tech in Erly Childhood Classes 2.0

MTHED305 Basic Conc of Math - Basic Conc of Math 2.0

Requirement 3 —Complete 1 of 2 Courses

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

Requirement 4 —Complete 1 of 4 Courses

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

Requirement 5 —Complete 12 hours

Note: Prior application is required. Apply for student teaching/internship by September 15 or January 15.

ECE425R Grades K-3 Student Teaching - Grades K-3 Student Teaching - *You may take up to 12.0 credit hours* 1.0v

ECE496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 12.0

Note: It is the student's responsibility to be sure that the PRAXIS II test has been passed and that BYU has received the test scores and that his or her fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Recommended Courses are not required to complete the program

The following courses are strongly recommended.

BIO100 Principles of Biology - Principles of Biology 3.0

WRTG313 Adv Wrtg for Educators - Expository Writing for El Ed 3.0

Chemical Engineering (BS)

Program Information

Minimum Credit Hours
102.5

Maximum Credit Hours
103.5

Major Academic Plan
MAPS - BS in Chemical Engineering 2026-2027.docx

Learning Outcomes

Title
Engineering Design

Learning Outcome
ABET Student Outcome 2: an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health safety and welfare as well as global cultural social environmental and economic factors

Title
Communication

Learning Outcome
ABET Student Outcome 3: an ability to communicate effectively with a range of audiences

Title
Ethical

Learning Outcome
Professional and Personal Responsibilities ABET Student Outcome 4: an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts

Title
Teamwork and Leadership

Learning Outcome
ABET Student Outcome 5: an ability to function effectively on a team whose members together provideleadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives

Title
Experiment and Analysis

Learning Outcome
ABET Student Outcome 6: an ability to develop and conduct appropriate experimentation analyze andinterpret data and use engineering judgment to draw conclusions

Title
Knowledge and Learning

Learning Outcome
ABET Student Outcome 7: an ability to acquire and apply new knowledge as needed using appropriatelearning strategies

Title
Complex Problem Solving

Learning Outcome
ABET Student Outcome 1 : an ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics

Program Requirements

Requirement 1 — Complete 3 Requirements

Preprofessional courses:

Requirement 1.1 — Complete 9 Courses

CBE170 Intro to Chem& Bio Engineering - Intro to Chemical Engineering 2.0

CBE191 Global Impact of Chem& Bio Eng - Preprofessional Seminar 0.5

CBE263 Computational Tools - Computational Tools 2.0

CBE273 Chem & Bio Process Principles - Chemical Process Principles 3.0

CBE291 Career Skills 1 - Career Skills 1 0.5

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 1.2 — Complete 1 of 2 Options

Option 1.2.1 — Complete 2 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

Option 1.2.2 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Requirement 1.3 — Complete 1 of 2 Options

Option 1.3.1 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 1.3.2 — Complete 2 Requirements

Requirement 1.3.2.1 — Complete 1 of 2 Courses

MATH213 Elementary Linear Algebra- Elementary Linear Algebra 2.0

MATH 313 - Elementary Linear Algebra - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

Requirement 1.3.2.2 — Complete 2 Courses

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 2 — Complete 15 Courses

Professional courses:

CBE285 Chem& Bio Process & Fluids Lab - Chemical Process & Fluids Lab 0.5

CBE311 CBE - Health, Safety, Environ - Ch En - Health, Safety, Envir 3.0

CBE345 Materials and Reactions Lab - Materials and Reactions Lab 0.5

CBE373 CBE Thermodynamics - CBE Thermodynamics 3.0

CBE374 Fluid Mechanics - Fluid Mechanics 3.0

CBE376 Heat & Mass Transfer - Heat & Mass Transfer 3.0

CBE378 Materials Science - Materials Science 3.0

CBE385 Thermo and Transport Lab - Thermo and Transport Lab 0.5

CBE386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CBE391 Career Skills 2 - Career Skills 2 0.5

CBE436 Process Control & Dynamics - Process Control & Dynamics 3.0

CBE445 Separations and Control Lab - Separations and Control Lab 0.5

CBE451 Capstone I: Process Design - Capstone I: Process Design 4.0

CBE476 Separations - Separations 3.0

CBE479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

Requirement 3 — Complete 5 Courses

Supporting courses. Note: Econ 110 is required for the major. See department advisor for major requirements.

BIO100 Principles of Biology - Principles of Biology 3.0

CHEM357 Industrial Organic Chemistry- Industrial Organic Chemistry 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 4 — Complete 4 Requirements

Complete technical electives (15 hours minimum) satisfying the following requirements:

Requirement 4.1 — Complete 2 hours

A. Chemistry laboratory. Note: The Chemical Engineering department requires 2 credit of Organic Chemistry lab. See Chemical Engineering department advisor for questions.

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

Requirement 4.2 — Obtain confirmation from your advisement center that you have completed the following:

B. Complete 12 hours of approved advanced engineering (ENG) course work. In general, these courses are 300-level or above from any of the following departments: Chemical Engineering; Civil & Environmental Engineering; Electrical & Computer Engineering; Mechanical Engineering; or the School of Technology. For details and exceptions, see the department webpage.

Requirement 4.3 — Obtain confirmation from your advisement center that you have completed the following:

C. Complete 4 hours of approved advanced course work from an engineering, math, science, or business (EMSB) department. In general, these courses are 300-level or above from any of the following colleges: College of Engineering & Technology, College of Physical & Mathematical Sciences, College of Life Sciences, and the Marriott School of Business. For details and exceptions, see the department webpage.

Requirement 4.4 — Obtain confirmation from your advisement center that you have completed the following:

D. At least 3 hours, but no more than 6 hours, of the above technical electives (OPTIONS 4.2 and 4.3) must be from courses that focus on Engineering Problem Solving through Experiential Learning (EPSEL) from which a senior thesis is produced and delivered. Example courses satisfying The EPSEL requirement are found below. See the department website for a full list of approved courses and more information on the senior thesis requirements.

Courses and Combinations of Courses Satisfying the EPSEL Requirement: CH EN 461 (3 credits), CH EN 499 (3 credits), CH EN 199R (1 credit) + CH EN 496 (3 credits), CH EN 495R (3 credits), ME EN 475 + ME EN 476 (6 total credits). EPSEL courses are classified as ENG.

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Pass a basic competency exam (L3 exam) administered by the Chemical Engineering Department or pass the FE (fundamentals of engineering) exam. All students in the chemical engineering program must pass a competency exam based on the foundational principles of chemical engineering that are taught in the program courses. The exam will be administered during the senior year with the specific dates announced each year by the Chemical Engineering Department. Each fall, the department will supply written rules, guidelines, and reference material to help students prepare to take the exam.

Civil Engineering (BS)

Program Information

Minimum Credit Hours
89

Maximum Credit Hours
90

Major Academic Plan
MAPS - BS in Civil Engnieering 2026-2027.docx

Learning Outcomes

Title
Problem Solving applying Math and Science

Learning Outcome
1) An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics.

Title
Design and Contemporary Issues

Learning Outcome
2) An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare as well as global, cultural, social, environmental, and economic factors.

Title
Communication

Learning Outcome
3) An ability to communicate effectively with a range of audiences.

Title
Ethics, Faith and Sustainability

Learning Outcome
4) An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Teamwork

Learning Outcome
5) An ability to function effectively on a team whose members together provide leadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives.

Title
Experiments and Data

Learning Outcome
6) An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions.

Title
Life-long Learning and Service

Learning Outcome
7) An ability to acquire and apply new knowledge as needed using appropriate learning strategies.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

Undecided students that are interested in learning more about Civil Engineering, Construction Management, and Facility & Property Management may begin with CCE 101 Introduction to Civil/Const Engineering.

No more than 9 credit hours of grades below C- in major courses may be applied toward graduation.

Requirement 1 — Complete 2 Requirements

Requirement 1.1 —Complete 6 Courses

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CCE270 Computational Methods - Computational Methods 3.0

CE271 CE Communication - CE Communication 3.0

CE232 Fluid Mechanics - Fluid Mechanics 3.0

Requirement 1.2 — Complete 2 Requirements

Requirement 1.2.1 — Complete 1 of 3 Courses

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 2.0

CCE113 Construction Modeling - Construction Modeling 3.0

CCE114 Geomatics - Geomatics - 2.0

Requirement 1.2.2 — Complete 1 Course

CCE122 Surveying - Surveying - 1.0

Requirement 2 — Complete 3 hours

CE291R Civil Engr Seminar - Civil Engr Seminar - *You must take 6 times* - 0.5

Requirement 3 — Complete 2 Requirements

Option 3.1 — Complete 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

Option 3.2 — Complete 1 of 2 Options

Option 3.2.1 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 3.2.2 — Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 4 — Complete 3 Requirements

Supporting courses:

Requirement 4.1 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 4.2 — Complete 1 of 6 Courses

Course will satisfy Biology Science general education requirement.

BIO100 Principles of Biology - Principles of Biology 3.0

CELL120 Science of Biology - Science of Biology 3.0

HONRS220 Unexpect Connect: Biol-Letters - Unexpect Connect: Biol-Letters 3.0

HONRS221 Unexpect Connect: Biol-Arts - Unexpect Connect: Biol-Arts 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

Requirement 4.3 — Complete 1 of 9 Courses

Advanced Science Elective:

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

C S236 Discrete Structure - Discrete Structure 3.0

GEOL330 Engineering Geology - Engineering Geology 3.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

Requirement 5 — Complete 12 hours

CE Breadth:

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites - 1.5

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE331 Hydrology - Hydrology - 3.0

CE341 Soil Mechanics - Soil Mechanics 3.0

CE351 Intro to Environmental Eng - Intro to Environmental Eng 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

Requirement 6 — Complete 2 Requirements

Design Electives

Option 6.1 — Complete 1 of 2 Courses

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

Option 6.2 — Complete 1 Course

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

Option 6.3 — Complete 1 Course

CE442 Foundation Engineering - Foundation Engineering 3.0

Option 6.4 — Complete 1 Course

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

Option 6.5 — Complete 1 Course

CE453 Water/Wastewater Tmt Design - Water/Wastewater Tmt Design 3.0

Requirement 7 — Complete 12 hours

Technical Electives: Complete 12 additional technical elective credits from the following (NOTE: a course taken as a major requirement course may not double count as a technical elective course). One approved CFM course may be taken as a Technical Elective.

Option 7.1 — Complete at least 9 hours up to 12 hours

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites - 1.5

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE341 Soil Mechanics - Soil Mechanics 3.0

CE351 Intro to Environmental Eng - Intro to Environmental Eng 3.0

CE361 Transportation Engineering - Intro to Transportation Engr 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE453 Water/Wastewater Tmt Design - Water/Wastewater Tmt Design 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE495R Global Projects - Global Projects - *You may take up to 3.0 credit hours* 0.5v

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE504 Nonlinear Struc Analysis - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Seismic Design of Steel Bldngs - Adv Structural Steel Design 3.0

CE523 Aircraft Structures - Aircraft Structures 3.0

CE524 Prestressed Concrete Design - Prestressed Concrete Design 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE532 Urban Water Infrastructure - Urban Water Infrastructure 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE543 Chemical Stabilization - Chemical Stabilization 1.5

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE553 Mechanical Behavior - Mechanical Behavior 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE560 Air Quality & Transportation - Air Quality & Transportation 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Transp Planning & Analysis - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE568 Asphalt Mixture Design - Asphalt Mixture Design 1.5

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CE580 Technical Writing - Technical Writing 1.5

CE594R Selected Problems in CE - Selected Problems in CE - 1.0v

Option 7.2 — Complete up to 3 hours

CFM311 Est Processes - Est Processes 3.0

CFM333 Sustainable Design & Arch - Sustainable Design & Arch - 3.0

CFM342 Earthwork & Construction Equip - Earthwork & Construction Equip 3.0

CFM345 Construction Safety - Construction Safety 2.0

CFM400 Managing High Performance Bldg - Managing High Performance Bldg 3.0

CFM411 Pre-Construction Services - Pre-Construction Services 3.0

CFM312 Const Scheduling & Cost Contrl - Const Scheduling & Cost Contrl 3.0

CFM415 Const Project Mgt & Control - Const Project Mgt & Control 3.0

CFM420 Commercial Real Estate Mgt - Commercial Real Estate Mgt 4.0

CFM425 Construction Accounting - Construction Accounting 3.0

CFM426 Real Estate Development - Real Estate Development 3.0

CFM433 Design Studio - Design Studio 3.0

CFM442 Civil Infrastructure Const - Civil Infrastructure Const 3.0

CFM445 Const Company Operatns & Mgt - Const Company Operatns & Mgt 3.0

CFM450 Virtual Design & Construction - Virtual Design & Construction 3.0

CFM385 Construction Law - Construction Law 2.0

CFM494R Special Problems Special Problems - *You may take once* 0.5v

CFM500 Const Innovation & Tech - Const Innovation & Tech 3.0

CFM530 Constr Comp Opers and HR - Constr Comp Opers and HR 3.0

CFM540 Managing Risk in Construction - Managing Risk in Construction 3.0

CFM550 Const Co Developmt - Const Co Developmt 3.0

CFM555 Const. Co. Financial Mgt. - Const. Co. Financial Mgt. 3.0

CFM560 Leadership in the Built Envnmt - Leadership in the Built Envnmt 3.0

CFM570 Infrastructure Asset Mgmt - Infrastructure Asset Mgmt 3.0

CFM580 Sustainable Community Dev - Sustainable Community Dev 3.0

CFM594R Special Topics in CM - Special Topics in CM - *You may take up to 3.0 credit hours* 1.0v

Culminating design courses: Complete Requirement 5 and one Design Elective before enrolling in CE 472.

Requirement 8 — Complete 1 of 3 Courses
Capstone must be taken in final semester.

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE499R Senior Project - Senior Project - *You may take once* 3.0

HONRS499R Honors Thesis - Honors Thesis - *You may take once* 0.5v

Computer Engineering (BS)

Program Information

Minimum Credit Hours
90

Maximum Credit Hours
90

Major Academic Plan
MAPS - BS in Computer Engineering 2026-2027.docx

Learning Outcomes

Title
Engineering Problems

Learning Outcome
An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics.

Title
Engineering Design

Learning Outcome
An ability to apply engineering design to produce solutions that meet specified needs with consideration for public health safety and welfare as well as global cultural social environmental and economic factor.

Title
Communication

Learning Outcome
An ability to communicate effectively with a range of audiences.

Title
Ethics

Learning Outcome
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts.

Title
Teamwork

Learning Outcome
An ability to function effectively on a team whose members together provide leadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives.

Title
Experimentation

Learning Outcome
An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions.

Title
Lifelong Learning

Learning Outcome
An ability to acquire and apply new knowledge as needed using appropriate learning strategies.

Program Requirements

The Computer Engineering Baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Students are required to pass major courses with a grade of C- or better before taking follow-on courses.

Requirement 1 — Complete 25 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction -Adv Software Construction 4.0

EC EN191 New Student Seminar - New Student Seminar 0.5

EC EN192 Freshman Project - Freshman Project - 1.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 3.0

EC EN225 Computer Systems Lab - Computer Systems Lab - 1.0

EC EN240 Circuits - Circuits 4.0

EC EN320 Digital Systems - Digital Systems 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN390 Jr. Team Design Project - Jr. Team Design Project 3.0

EC EN391 Junior Seminar - Junior Seminar 0.5

EC EN475 Capstone Design 1 - Capstone Design 1 3.0

EC EN476 Capstone Design 2 - Capstone Design 2 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 2 — Complete 2 Requirements

Requirement 2.1 — Complete 1 of 2 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

Requirement 2.2 — Complete 1 of 2 Courses

Note: WRTG 312 recommended.

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Complete at least 12 credit hours of TECHNICAL ELECTIVES from the following two requirements.

Requirement 3 — Complete 8 hours

Technical Electives:

EC EN423 Computer Organization - Computer Organization 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN433 Intro to Robotics & Autonomy - Intro to Robotics & Autonomy - 4.0

Requirement 4 — Complete 4 hours

Technical Electives. (Note: EC En courses will not double count.) Other courses may be approved by the department.

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S474 Deep Learning - Deep Learning 3.0

EC EN423 Computer Organization - Computer Organization - 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN433 Intro to Robotics & Autonomy - Intro to Robotics & Autonomy 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN471 Machine Learning: Found & Apps - Machine Learning: Found & Apps - 4.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

CYBER467 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

CYBER585 Encryption Implementation - Encryption Implementation 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete the department exit survey and interview.

Electrical Engineering (BS)

Program Information

Minimum Credit Hours
90

Maximum Credit Hours
90

Major Academic Plan
MAPS - BS in Electrical Engineering 2026-2027.docx

Learning Outcomes

Title
Engineering Problems

Learning Outcome
An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics.

Title
Engineering Design

Learning Outcome
An ability to apply engineering design to produce solutions that meet specified needs with consideration for public health safety and welfare as well as global cultural social environmental and economic factors.

Title
Communication

Learning Outcome
An ability to communicate effectively with a range of audiences.

Title
Ethics

Learning Outcome
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts.

Title
Teamwork

Learning Outcome
An ability to function effectively on a team whose members together provide leadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives.

Title
Experimentation

Learning Outcome
An ability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions.

Title
Lifelong Learning

Learning Outcome
An ability to acquire and apply new knowledge as needed using appropriate learning strategies.

Program Requirements

The Electrical Engineering Baccalaureate program is accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org.

Students are required to pass major courses with a grade of C- or better before taking follow-on courses.

Requirement 1 — Complete 24 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

EC EN191 New Student Seminar - New Student Seminar 0.5

EC EN192 Freshman Project - Freshman Project - 1.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 3.0

EC EN225 Computer Systems Lab - Computer Systems Lab - 1.0

EC EN240 Circuits - Circuits 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN390 Jr. Team Design Project - Jr. Team Design Project 3.0

EC EN391 Junior Seminar - Junior Seminar 0.5

EC EN475 Capstone Design 1 - Capstone Design 1 3.0

EC EN476 Capstone Design 2 - Capstone Design 2 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 2 — Complete 2 Requirements

Requirement 2.1 — Complete 1 of 2 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

Requirement 2.2 — Complete 1 of 2 Courses

Note: WRTG 312 recommended

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Complete at least 16 credit hours of TECHNICAL ELECTIVES from the following two requirements.

Requirement 3 — Complete 8 hours

Technical Electives:

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN471 Machine Learning: Found & Apps - Machine Learning: Found & Apps - 4.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

Requirement 4 — Complete 8 hours

Technical Electives. (Note: EC En courses will not double count.) Other engineering, mathematics, physics, or computer science courses as specified or approved by the EC En department are also acceptable.

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Intro to User Interface Softwr 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S474 Deep Learning - Deep Learning 3.0

EC EN320 Digital Systems - Digital Systems 4.0

EC EN512 Biomedical Instrumentation - Biomedical Instrumentation 4.0

EC EN423 Computer Organization - Computer Organization 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN433 Intro to Robotics & Autonomy - Intro to Robotics & Autonomy - 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN471 Machine Learning: Found & Apps - Machine Learning Found & Apps 4.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

CYBER585 Encryption Implementation - Encryption Implementation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

MATH355 Graph Theory - Graph Theory 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH450 Combinatorics - Combinatorics 3.0

MATH487 Number Theory - Number Theory 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete the department exit interview.

Mechanical Engineering (BS): Aerospace Emphasis

Program Information

Minimum Credit Hours
101.5

Maximum Credit Hours
101.5

Major Academic Plan
MAPS - BS in Mechanical Engineering - Aerospace 2026-2027.docx

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

On gaining acceptance into the professional program, students must maintain a minimum university cumulative grade point average of 2.0.

No more than 6 credit hours or two courses of grades below C- in major courses may be applied toward graduation.

A professional program course may not be retaken more than once.

At least 30 of the 51.5 credit hours of Mechanical Engineering (ME EN) courses must be earned at BYU.

Requirement 1 — Complete 1 of 4 Courses

BIO100 Principles of Biology - Principles of Biology 3.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

Requirement 2 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

Requirement 3 — Complete 1 of 2 Options

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

Requirement 4 — Complete 1 of 2 Options

Mathematics Core Sequences

Option 4.1 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 4.2 — Complete 2 Requirements

Requirement 4.2.1 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 4.2.2 — Complete 1 Course

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

Requirement 5 — Complete 5 Courses

Preprofessional engineering courses:

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

ME EN101 Static Systems in Me En - Static Systems in Me En 3.0

ME EN191 New Student Seminar - New Student Seminar 0.5

ME EN204 Dynamics - Dynamics 3.0

Requirement 6 — Complete 13 Courses

Professional mechanical engineering core:

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

ME EN275 Computational Methods - Computational Methods 3.0

ME EN312 Fluid Mechanics - Fluid Mechanics 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

ME EN330 Design of Mechatronic Systems - Design of Mechatronic Systems 3.0

ME EN335 Dynamic System Modeling- Dynamic System Modeling 3.0

ME EN340 Heat Transfer - Heat Transfer 3.0

ME EN362 Engineering Measurements - Engineering Measurements 3.0

ME EN372 Mechanical Sys Dsgn Fundmntls - Mechanical Sys Dsgn Fundmntls 3.0

ME EN382 Manufacturing Processes - Manufacturing Processes 3.0

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

Requirement 7 — Complete 1 Course

Supporting courses:

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 8 — Complete 1 Course

ME EN231 Leadership in a Global Context - Leadership in a Global Context 3.0

Requirement 9 — Complete 3 hours

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

Note: Courses used above cannot double count in Requirements 9 and10

Requirement 10 — Complete 6 hours

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN531 Aero Structural Dynamic Test - Aero Structural Dynamic Test 3.0

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN536 Autonomous Aircraft - Autonomous Aircraft 3.0

ME EN575 Optimization Techniques- Optimization Techniques 3.0

Note: Courses used above cannot double count in requirements 10 and 11.

Requirement 11 — Complete 3 hours

The purposes of these courses is to strengthen the engineering education of the student by a) deepening the student's understanding of engineering science fundamentals, and/or b) helping the student learn to apply engineering fundamentals in specific areas of interest, and/or c) helping the student to develop critical skills related to engineering practice.

The technical electives are normally 400-level or higher mechanical engineering courses, but other courses may be used as long as the following requirements are met:

-- No courses may be below the 300 level.

-- A maximum of 3 credit hours in ME EN 497R or other project courses may be applied to meet technical elective requirements.

-- All courses must be selected from the following list. If a student wishes to count a course not listed here as an elective, approval must be granted before the course is taken. Approval is requested by submitting a petition to the department undergraduate committee that lists all of the proposed electives and demonstrates how the proposed exception meets the purposes described above.

No course used to satisfy other major requirements for graduation may be used as an elective.

Option 11.1 — Complete up to 12 hours

ME EN351 Fund of Biomedical Engineering - Fund of Biomedical Engineering 3.0

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN422 Applied Thermodynamics - Applied Thermodynamics 3.0

ME EN423 Global Perspectives on Energy - Global Perspectives on Energy 3.0

ME EN425 Internal Combustion Engines - Internal Combustion Engines 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine &Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN437 Kinematics - Kinematics 3.0

ME EN450 Materials Selection - Materials Selection 3.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN461 Introduction to Acoustics - Introduction to Acoustics 3.0

ME EN472 Mechncl Systms Dsgn Applctns - Mechncl Systms Dsgn Applctns 3.0

ME EN473 Interdisciplinary Innovation - Interdisciplinary Innovation 3.0

ME EN479 Singapore Design and Develop - Singapore Design and Develop 0.0v

ME EN494R Global Projects - Global Projects - *You may take once* 0.5v

ME EN495R Mentored Coursework - Mentored Coursework - *You may take 2 times* 0.5v

ME EN497R Mentored Projects - Mentored Projects - *You may take up to 3.0 credit hours* 0.5v

ME EN501 Stress Analysis & Design - Stress Analysis & Design 3.0

ME EN505 Applied Engineering Math - Applied Engineering Math 3.0

ME EN507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

ME EN508 Structural Vibrations - Structural Vibrations 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN512 Intrmd Fluid Dyn - Intrmd Fluid Dyn 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN521 Intermediate Thermodynamics - Intermediate Thermodynamics 3.0

ME EN522 Combustion - Combustion 3.0

ME EN531 Aero Structural Dynamic Test - Aero Structural Dynamic Test 3.0

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN536 Autonomous Aircraft - Autonomous Aircraft 3.0

ME EN537 Robotics - Robotics 3.0

ME EN538 Compliant Mechanisms - Compliant Mechanisms 3.0

ME EN540 Intrmd Heat & Mass Transfer - Intrmd Heat & Mass Transfer 3.0

ME EN541 Comput Fluids & Heat Transfer - Comput Fluids & Heat Transfer 3.0

ME EN550 MEMS - MEMS 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

ME EN553 Mechanical Behavior- Mechanical Behavior 3.0

ME EN554 Kinetics of Materials - Kinetics of Materials 3.0

ME EN555 Biomechanical Engineering - Intro to Biomechanical Engr 3.0

ME EN556 Materials Modeling - Materials Modeling 3.0

ME EN557 Extreme Environments - Extreme Environments 3.0

ME EN558 Metallurgy - Metallurgy 3.0

ME EN561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

ME EN570 CAE Software Development- CAE Software Development 3.0

ME EN572 Design for Additive Mfg - Design for Additive Mfg 3.0

ME EN573 Design of Medical Devices - Design of Medical Devices - 3.0

ME EN575 Optimization Techniques - Optimization Techniques 3.0

ME EN576 Product Design - Product Design 3.0

ME EN577 Uncertainty Quantification - Uncertainty Quantification 3.0

ME EN578 Systems En & CAD Applications - Systems En & CAD Applications 3.0

ME EN579 Global Product Development - Global Product Development 3.0

ME EN595R Topics in Materials- Topics in Materials - *You may take once* 0.5v

ME EN595R Advanced Dynamics - Advanced Dynamics - *You may take once* 0.5v

ME EN595R Special Topics in Mech Engr - Special Topics in Mech Engr - *You may take once* 0.5v

ME EN595R Topics in Mechanical Design - Topics in Mechanical Design - *You may take once* 0.5v

Option 11.2 — Complete up to 6 hours

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE453 Water/Wastewater Tmt Design - Water/Wastewater Tmt DesigN 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE504 Nonlinear Struc Analysis - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Seismic Design of Steel Bldngs - Adv Structural Steel Design 3.0

CE523 Aircraft Structures - Aircraft Structures 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Transp Planning & Analysis - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident 2.0

CHEM561 Chemical Thermodynamics - Chemical Thermodynamics 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CBE386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CBE410 Principles of Petroleum Engr - Principles of Petroleum Engr 3.0

CBE412 Introd Nuclear Engineering - Introd Nuclear Engineering 3.0

CBE426 Machine Learning for Engineers - Machine Learning for Engineers 3.0

CBE433 Energy Engineering - Energy Engineering 3.0

CBE436 Process Control & Dynamics - Process Control & Dynamics 3.0

CBE451 Capstone I: Process Design - Capstone I: Process Design 4.0

CBE461 Capstone II: Projects - Capstone II: Projects 3.0

CH EN475 Unit Operations Lab 1 - Unit Operations Lab 1 2.0

CBE476 Separations - Separations 3.0

CH EN477 Unit Operations Lab 2 - Unit Operations Lab 2 2.0

CBE479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

CBE481 Semiconductor Processing - Semiconductor Processing 2.0

CBE495R Global Projects - Global Projects - *You may take once* 0.5v

CBE499 Mentored Research and Thesis - Mentored Research and Thesis 3.0

CBE512 Nuclear Reactor Transient Mod. - Nuclear Reactor Transient Mod. 3.0

CBE513 Molecular Modeling - Molecular Modeling 3.0

CBE518 Biomedical Engin Principles - Biomedical Engin Principles 3.0

CBE519 Biochemical Engineering - Biochemical Engineering 3.0

CBE522 Combustion - Comb Proc 3.0

CBE528 Industrial Catalytic Processes - Industrial Catalytic Processes 2.0

CBE531 Thermodynamics Multicon Syst - Thermodynamics Multicon Syst 3.0

CBE533 Transport Phenomena - Transport Phenomena 3.0

CBE535 Kinetics Catalysis - Kinetics Catalysis 3.0

CBE541 Numerical Methods for Eng. - Numerical Methods for Eng. 3.0

CBE578 Polymer Science & Engineering - Polymer Science & Engineering 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Adv Algorithms & Probl Solving 3.0

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take once* 3.0

C S513 Robust Control - Robust Control 3.0

EC EN323 Computer Organization - Computer Organization 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN512 Biomedical Instrumentation - Biomedical Instrumentation 4.0

EC EN424 Computer Systems - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

EC EN521 Intro to Algorithm Design - Intro to Algorithm Design 3.0

EC EN523 Computer System Reliability - Computer System Reliability 3.0

EC EN526 Wireless Networking - Wireless Networking 3.0

EC EN528 High Perform Computing - Computer Architecture 3.0

EC EN536 Autonomous Aircraft - Autonomous Aircraft 3.0

EC EN541 Act/Pass Filter - Act/Pass Filter 3.0

EC EN543 CMOS Amp Design - CMOS Amp Design 3.0

EC EN548 Analog CMOS Ccts - Analog CMOS Ccts 3.0

EC EN549 VLSI Comm Circuits - VLSI Comm Circuits 3.0

EC EN550 MEMS - MEMS 3.0

EC EN551 Intro Digital VLSI Circuits - Intro Digital VLSI Circuits 3.0

EC EN555 Optoelectronic Devices - Optoelectronic Devices 3.0

EC EN560 EM Wave Theory - EM Wave Theory 3.0

EC EN562 Integrated Quantum Photonics - Integrated Quantum Photonics 3.0

EC EN563 Numerical Methods - Numerical Methods 3.0

EC EN564 Radar & Comm Systems - Radar & Comm Systems 3.0

EC EN567 Physical Optics - Physical Optics 3.0

EC EN568 Micrwv Remote Sens - Micrwv Remote Sens 3.0

EC EN576 Medical Imaging & Image Recon - Medical Imaging & Image Recon 3.0

EC EN595 Patent & IP Law Fundamentals - Patent & IP Law Fundamentals 1.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

CYBER548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH521 Classical Applied Mathematics - Methods of Applied Math 1 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

MFGEN318 MFG Electronics & Microsystems - MFG Electronics & Microsystems 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN433 Intro to SMART Manufacturing - Intro to SMART Manufacturing 3.0

MFGEN440 Six Sigma - Six Sigma 3.0

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN531 Adv Computer-Aided Prog - Adv Computer-Aided Prog 3.0

MFGEN532 Mfg Systems - Mfg Systems 3.0

MFGEN533 Mfg Info Systems - Mfg Info Systems 3.0

MFGEN574 Advanced Tool Design - Advanced Tool Design 3.0

MFGEN575 Packaging Technologies - Packaging Technologies 3.0

MFGEN580 Manufacturing Simulation - Manufacturing Simulation 3.0

MSB430 Intro International Business - Intro International Business 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS545 Intro to Plasma Physics - Intro to Plasma Physics 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT381 Statistical Cloud Computing -Statistical Cloud Computing 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT535 Linear Models - Linear Models 3.0

STAT536 Stat Learning & Data Mining - Stat Learning & Data Mining 3.0

STAT537 Mixed Model Methods - Mixed Model Methods 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Mechanical Engineering (BS) *

Program Information

Minimum Credit Hours
101.5

Maximum Credit Hours
101.5

Major Academic Plan
MAPS - BS in Mechanical Engineering 2026-2027.docx

Learning Outcomes

Title
SO-1. Complex Engineering Problems

Learning Outcome
An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
SO-2. Engineering Design

Learning Outcome
An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
SO-3. Communication

Learning Outcome
An ability to communicate effectively with a range of audiences.

Title
SO-4. Ethics and Professionalism

Learning Outcome
An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
SO-5. Teamwork

Learning Outcome
An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
SO-6. Experimentation

Learning Outcome
An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
SO-7. New Knowledge

Learning Outcome
An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

On gaining acceptance into the professional program, students must maintain a minimum university cumulative grade point average of 2.0.

No more than 6 credit hours or two courses of grades below C- in required program courses (including pre-professional and professional courses) may be applied toward graduation.

A professional program course may not be retaken more than once.

At least 30 of the 51.5 credit hours of Mechanical Engineering (ME EN) courses must be earned at BYU.

Requirement 1 — Complete 1 of 4 Courses

BIO100 Principles of Biology - Principles of Biology 3.0

CELL120 Science of Biology - Science of Biology 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

Requirement 2 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

Requirement 3 — Complete 1 of 2 Courses

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

Requirement 4 — Complete 1 of 2 Options

Mathematics core sequences:

Option 4.1 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 4.2 — Complete 2 Requirements

Requirement 4.2.1 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 4.2.2 — Complete 1 Course

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

Requirement 5 — Complete 5 Courses

Preprofessional engineering courses:

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

EC EN301 Elements of Electrical Engr - Elements of Electrical Engr 3.0

ME EN101 Static Systems in Me En - Static Systems in Me En 3.0

ME EN191 New Student Seminar - New Student Seminar 0.5

ME EN204 Dynamics - Dynamics 3.0

Requirement 6 — Complete 13 Courses

Professional mechanical engineering core:

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

ME EN275 Computational Methods - Computational Methods *3.0*

ME EN312 Fluid Mechanics - Fluid Mechanics 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

ME EN330 Design of Mechatronic Systems - Design of Mechatronic Systems 3.0

ME EN335 Dynamic System Modeling - Dynamic System Modeling 3.0

ME EN340 Heat Transfer - Heat Transfer 3.0

ME EN362 Engineering Measurements - Engineering Measurements 3.0

ME EN372 Mechanical Sys Dsgn Fundmntls - Mechanical Sys Dsgn Fundmntls 3.0

ME EN382 Manufacturing Processes - Manufacturing Processes 3.0

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

Requirement 7 — Complete 1 Course

Supporting courses:

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 8 — Complete 1 Course

ME EN231 Leadership in a Global Context - Leadership in a Global Context 3.0

Requirement 9 — Complete 12 hours

Complete 12.0 hours from the following options:

The purpose of these courses is to strengthen the engineering education of the student by a) deepening the student's understanding of engineering and/or science fundamentals, b) helping the student learn to apply engineering fundamentals in specific areas of interest, and/or c) helping the student to develop critical skills related to engineering practice.

The technical electives are normally 400-level or higher mechanical engineering courses, but other courses may be used as long as the following requirements are met:

-- At least two courses (6 credit hours) must be in mechanical engineering

-- No courses may be below the 300 level.

-- A maximum of 3 credit hours in ME EN 497R or other project courses may be applied to meet technical elective requirements.

-- All courses must be selected from the following list. If a student wishes to count a course outside these areas as an elective, **approval must be granted before the course is taken**. Approval is requested by submitting a petition to the department undergraduate committee that lists all of the proposed electives and demonstrates how the proposed exception meets the purposes described above.

-- No course used to satisfy other major requirements for graduation may be used as an elective.

Option 9.1 — Complete up to 12 hours

ME EN351 Fund of Biomedical Engineering- Fund of Biomedical Engineering 3.0

ME EN412 Applications of Fluid Dynamics - Applications of Fluid Dynamics 3.0

ME EN415 Flight Vehicle Design - Flight Vehicle Design 3.0

ME EN422 Applied Thermodynamics - Applied Thermodynamics 3.0

ME EN423 Global Perspectives on Energy - Global Perspectives on Energy 3.0

ME EN425 Internal Combustion Engines - Internal Combustion Engines 3.0

ME EN426 Gas Turbine &Jet Engine Design - Gas Turbine & Jet Engine Design 3.0

ME EN431 Design of Control Systems - Design of Control Systems 4.0

ME EN437 Kinematics - Kinematics 3.0

ME EN450 Materials Selection - Materials Selection 3.0

ME EN456 Composite Material Design - Composite Material Design 3.0

ME EN472 Mechncl Systms Dsgn Applctns - Mechncl Systms Dsgn Applctns 3.0

ME EN473 Interdisciplinary Innovation - Interdisciplinary Innovation 3.0

ME EN479 Singapore Design and Develop - Singapore Design and Develop 0.0v

ME EN494R Global Projects - Global Projects - *You may take once* 0.5v

ME EN495R Mentored Coursework - Mentored Coursework - *You may take 2 times* 0.5v

ME EN497R Mentored Projects - Mentored Projects - *You may take up to 3.0 credit hours* 0.5v

ME EN501 Stress Analysis & Design - Stress Analysis & Design 3.0

ME EN505 Applied Engineering Math - Applied Engineering Math 3.0

ME EN507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

ME EN508 Structural Vibrations - Structural Vibrations 3.0

ME EN510 Compressible Fluid Flow - Compressible Fluid Flow 3.0

ME EN512 Intrmd Fluid Dyn - Intrmd Fluid Dyn 3.0

ME EN515 Aerodynamics - Aerodynamics 3.0

ME EN521 Intermediate Thermodynamics - Intermediate Thermodynamics 3.0

ME EN522 Combustion - Combustion 3.0

ME EN531 Aero Structural Dynamic Test - Aero Structural Dynamic Test 3.0

ME EN 533 - Autonomous Systems 3.0 *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.*

ME EN534 Dynamics of Mech Systems - Dynamics of Mech Systems 3.0

ME EN535 Mechanical Vibrations - Mechanical Vibrations 3.0

ME EN536 Autonomous Aircraft - Autonomous Aircraft 3.0

ME EN537 Robotics - Robotics 3.0

ME EN538 Compliant Mechanisms - Compliant Mechanisms 3.0

ME EN540 Intrmd Heat & Mass Transfer - Intrmd Heat & Mass Transfer 3.0

ME EN541 Comput Fluids & Heat Transfer - Comput Fluids & Heat Transfer 3.0

ME EN550 MEMS - MEMS 3.0

ME EN552 Neuromechanics of Movement - Neuromechanics of Movement 3.0

ME EN553 Mechanical Behavior- Mechanical Behavior 3.0

ME EN554 Kinetics of Materials - Kinetics of Materials 3.0

ME EN555 Biomechanical Engineering - Intro to Biomechanical Engr 3.0

ME EN556 Materials Modeling - Materials Modeling 3.0

ME EN557 Extreme Environments - Extreme Environments 3.0

ME EN558 Metallurgy - Metallurgy 3.0

ME EN561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

ME EN570 CAE Software Development- CAE Software Development 3.0

ME EN572 Design for Additive Mfg - Design for Additive Mfg 3.0

ME EN573 Design of Medical Devices - Design of Medical Devices 3.0

ME EN575 Optimization Techniques - Optimization Techniques 3.0

ME EN576 Product Design - Product Design 3.0

ME EN577 Uncertainty Quantification - Uncertainty Quantification 3.0

ME EN578 Systems En & CAD Applications - Systems En & CAD Applications 3.0

ME EN579 Global Product Development - Global Product Development 3.0

ME EN595R Topics in Materials- Topics in Materials - *You may take once* 0.5v

ME EN595R Advanced Dynamics - Advanced Dynamics - *You may take once* 0.5v

ME EN595R Special Topics in Mech Engr - Special Topics in Mech Engr - *You may take once* 0.5v

ME EN595R Topics in Mechanical Design - Topics in Mechanical Design - *You may take once* 0.5v

Option 9.2 — Complete up to 6 hours

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CE321 Structural Analysis - Structural Analysis 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE421 Structural Steel Design - Structural Steel Design 3.0

CE424 Reinforced Concrete Design - Reinforced Concrete Design 3.0

CE331 Hydrology - Hydrology 3.0

CE433 Hydraulic Engineering - Hydraulic Engineering 3.0

CE439 Water Resources Study Abroad - Water Resources Study Abroad 3.0

CE442 Foundation Engineering - Foundation Engineering 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE453 Water/Wastewater Tmt Design - Water/Wastewater Tmt Design 3.0

CE461 Geometric Design of Highways - Geometric Design of Highways 3.0

CE472 Civil Engineering Design - Civil Engineering Design 3.0

CE500 Design & Materials Applicatns - Design & Materials Applicatns 3.0

CE501 Stress Analysis & Design - Stress Analysis & Design 3.0

CE504 Nonlinear Struc Analysis - Computer Struc Optimization 3.0

CE505 Port Cement Design & Analysis - Port Cement Design & Analysis 3.0

CE507 Linear Finite Element Methods - Linear Finite Element Methods 3.0

CE508 Structural Vibrations - Structural Vibrations 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE521 Seismic Design of Steel Bldngs - Adv Structural Steel Design 3.0

CE523 Aircraft Structures - Aircraft Structures 3.0

CE525 Bridge Structures - Bridge Structures 3.0

CE526 Bridge Preservation - Bridge Preservation 1.5

CE528 Masonry Design - Masonry Design 3.0

CE529 Structural Wood Design - Structural Wood Design 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE533 Adv. Hydraulic Routing - Adv. Hydraulic Routing 3.0

CE534 Hydroinformatics - Hydroinformatics 3.0

CE535 Hydraulic Design of Channels - Hydraulic Design of Channels 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE542 Deep Foundations - Deep Foundations 3.0

CE544 Seepage & Slope Stability - Seepage & Slope Stability 3.0

CE545 Geotech Analysis of Earthquake - Geotech Analysis of Earthquake 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

CE562 Traffic Engineering - Traffic Engineering 3.0

CE563 Pavement Design - Pavement Design 3.0

CE565 Transp Planning & Analysis - Urban Transportation Planning 3.0

CE566 Pavement Management - Pavement Management 3.0

CE570 CAE Software Development - CAE Software Development 3.0

CE575 Optimization Techniques - Optimization Techniques 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident 2.0

CHEM561 Chemical Thermodynamics - Chemical Thermodynamics 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CBE386 Chemical Reaction Engineering - Chemical Reaction Engineering 3.0

CBE410 Principles of Petroleum Engr - Principles of Petroleum Engr 3.0

CBE412 Introd Nuclear Engineering - Introd Nuclear Engineering 3.0

CBE426 Machine Learning for Engineers - Machine Learning for Engineers 3.0

CBE433 Energy Engineering - Energy Engineering 3.0

CBE436 Process Control & Dynamics - Process Control & Dynamics 3.0

CBE451 Capstone I: Process Design - Capstone I: Process Design 4.0

CBE461 Capstone II: Projects - Capstone II: Projects 3.0

CH EN475 Unit Operations Lab 1 - Unit Operations Lab 1 2.0

CBE476 Separations - Separations 3.0

CH EN477 Unit Operations Lab 2 - Unit Operations Lab 2 2.0

CBE479 Unit Operations Laboratory - Unit Operations Laboratory 2.0

CBE481 Semiconductor Processing - Semiconductor Processing 2.0

CBE495R Global Projects - Global Projects - *You may take once* 0.5v

CBE499 Mentored Research and Thesis - Mentored Research and Thesis 3.0

CBE512 Nuclear Reactor Transient Mod. - Nuclear Reactor Transient Mod. 3.0

CBE513 Molecular Modeling - Molecular Modeling 3.0

CBE518 Biomedical Engin Principles - Biomedical Engin Principles 3.0

CBE519 Biochemical Engineering - Biochemical Engineering 3.0

CBE522 Combustion - Comb Proc 3.0

CBE528 Industrial Catalytic Processes - Industrial Catalytic Processes 2.0

CBE531 Thermodynamics Multicon Syst - Thermodynamics Multicon Syst 3.0

CBE533 Transport Phenomena - Transport Phenomena 3.0

CBE535 Kinetics Catalysis - Kinetics Catalysis 3.0

CBE541 Numerical Methods for Eng. - Numerical Methods for Eng. 3.0

CBE578 Polymer Science & Engineering - Polymer Science & Engineering 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S428 Software Engineering - Software Engineering 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Intro to User Interface Softwr 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S472 Intro to Machine Learning - Intro to Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take once* 3.0

C S513 Robust Control - Robust Control 3.0

EC EN323 Computer Organization - Computer Organization 4.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN340 Electronic Circuit Design 1 - Electronic Circuit Design 1 4.0

EC EN360 EM Fields and Waves - EM Fields and Waves 4.0

EC EN380 Signals & Systems - Signals & Systems 4.0

EC EN512 Biomedical Instrumentation - Biomedical Instrumentation 4.0

EC EN424 Computer Systems - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN445 Mixed-Signal VLSI - Mixed-Signal VLSI 4.0

EC EN446 Power Electronics - Power Electronics 4.0

EC EN450 Intro Semicond Dev - Intro Semicond Dev 3.0

EC EN452 Experiments in IC Development - Experiments in IC Development 1.0

EC EN462 EM Radiation & Propagation - EM Radiation & Propagation 2.0

EC EN464 Wireless Communicatn Circuits - Wireless Communicatn Circuits 2.0

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

EC EN483 Design of Control Systems - Design of Control Systems 4.0

EC EN485 Digital Communication Theory - Digital Communication Theory 4.0

EC EN487 Introduction to DSP - Introduction to DSP 4.0

EC EN521 Intro to Algorithm Design - Intro to Algorithm Design 3.0

EC EN523 Computer System Reliability - Computer System Reliability 3.0

EC EN526 Wireless Networking - Wireless Networking 3.0

EC EN528 High Perform Computing - Computer Architecture 3.0

EC EN536 Autonomous Aircraft - Autonomous Aircraft 3.0

EC EN541 Act/Pass Filter - Act/Pass Filter 3.0

EC EN543 CMOS Amp Design - CMOS Amp Design 3.0

EC EN548 Analog CMOS Ccts - Analog CMOS Ccts 3.0

EC EN549 VLSI Comm Circuits - VLSI Comm Circuits 3.0

EC EN550 MEMS - MEMS 3.0

EC EN551 Intro Digital VLSI Circuits - Intro Digital VLSI Circuits 3.0

EC EN555 Optoelectronic Devices - Optoelectronic Devices 3.0

EC EN560 EM Wave Theory - EM Wave Theory 3.0

EC EN562 Integrated Quantum Photonics - Integrated Quantum Photonics 3.0

EC EN563 Numerical Methods - Numerical Methods 3.0

EC EN564 Radar & Comm Systems - Radar & Comm Systems 3.0

EC EN567 Physical Optics - Physical Optics 3.0

EC EN568 Micrwv Remote Sens - Micrwv Remote Sens 3.0

EC EN576 Medical Imaging & Image Recon - Medical Imaging & Image Recon 3.0

EC EN595 Patent & IP Law Fundamentals - Patent & IP Law Fundamentals 1.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

CYBER548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH521 Classical Applied Mathematics - Methods of Applied Math 1 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

MFGEN318 MFG Electronics & Microsystems - MFG Electronics & Microsystems 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN433 Intro to SMART Manufacturing - Intro to SMART Manufacturing 3.0

MFGEN440 Six Sigma - Six Sigma 3.0

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN531 Adv Computer-Aided Prog - Adv Computer-Aided Prog 3.0

MFGEN532 Mfg Systems - Mfg Systems 3.0

MFGEN533 Mfg Info Systems - Mfg Info Systems 3.0

MFGEN574 Advanced Tool Design - Advanced Tool Design 3.0

MFGEN575 Packaging Technologies - Packaging Technologies 3.0

MFGEN580 Manufacturing Simulation - Manufacturing Simulation 3.0

MSB430 Intro International Business - Intro International Business 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

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PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS545 Intro to Plasma Physics - Intro to Plasma Physics 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

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STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Intro to Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT535 Linear Models - Linear Models 3.0

STAT536 Stat Learning & Data Mining - Stat Learning & Data Mining 3.0

STAT537 Mixed Model Methods - Mixed Model Methods 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Cybersecurity (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
17

Learning Outcomes

Title
Adversarial and Defensive Mindset

Learning Outcome
Develop an adversarial and defensive mindset

Title
Cybersecurity Terminology

Learning Outcome
Understand and apply cybersecurity terminology in discussions with experts

Title
Cybersecurity Technical Experience

Learning Outcome
Develop programming skills and technical experience in at least one area of cybersecurity

Program Requirements

At least 9 credit hours must be taken outside of the student's primary major.

Requirement 1 — Complete 1 of 3 Courses

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

IS303 Intro Computer Programming - Intro Computer Programming 3.0

Note: CS 110 is recommended prior to CS 111 with no programming experience

Requirement 2 — Complete 1 of 2 Courses

CYBER266 Adversarial & Cyber Mindset - Adversarial & Cyber Mindset 3.0

C S465 Computer Security - Computer Security 3.0

Requirement 3 — Complete 6 hours

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S465 Computer Security - Computer Security 3.0

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take once* 1.0v

CYBER110 Intro to Cybersecurity - Introduction to Cybersecurity

CYBER210 Secure Web Development - Secure Web Development 4.0

CYBER231 Ethics, Law, and Leadership - Ethics, Law, and Leadership 3.0

CYBER247 Networks & Security - Networks and Security 3.0

CYBER291 Sophomore Seminar - Sophomore Seminar 0.5

CYBER344 Operating Systems - Operating Systems 3.0

CYBER366 Defensive Cybersecurity - Defensive Cybersecurity 3.0

CYBER391 Junior Seminar - Junior Seminar 0.5

CYBER444 System Administration - System Administration 3.0

CYBER466 Digital Forensics - Digital Forensics 3.0

CYBER467 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

CYBER515R Special Topics in Cyber - Special Topics in IT&C - *You may take once* 1.0v

CYBER585 Encryption Implementation - Encryption Implementation 3.0

IS414 IS Security & Controls - IS Security & Controls 3.0

IS560 Information Security Mngmnt - Information Security Mngmnt 3.0

IS565 Digital Forensics for Orgnztns - Digital Forensics for Orgnztns 3.0

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

IS590R Network Administration - Network Administration - *You may take once* 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

Special Topics classes (CYBER 515R, IS 590R, CS 501R) must include over 50% cybersecurity content). Students may not count a course that shares over 70% of the same content with another class taken by the student. For example, students should not take CYBER 566 and IS 656; or CYBER 567 and IS 567

Requirement 4 — Complete 3 hours

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Intro to Computer Systems 3.0

C S324 Systems Programming - Systems Programming 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S465 Computer Security - Computer Security 3.0

CYBER231 Ethics, Law, and Leadership - Ethics, Law, and Leadership 3.0

CYBER247 Networks & Security - Networks and Security 3.0

CYBER291 Sophomore Seminar - Sophomore Seminar 0.5

CYBER327 Digital Communications - Digital Communications 4.0

CYBER344 Operating Systems - Operating Systems 3.0

CYBER366 Defensive Cybersecurity - Defensive Cybersecurity 3.0

CYBER391 Junior Seminar - Junior Seminar 0.5

CYBER444 System Administration - System Administration 3.0

CYBER466 Digital Forensics - Digital Forensics 3.0

CYBER467 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

CYBER515R Special Topics in Cyber - Special Topics in IT&C - *You may take once* 1.0v

CYBER529 Advanced Networking - Advanced Networking 3.0

CYBER548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

CYBER562 Cloud Architecture & Security - Cloud Architecture 3.0

CYBER585 Encryption Implementation - Encryption Implementation 3.0

EC EN192 Freshman Project - Freshman Project 1.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 3.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN426 Computer Networks - Computer Networks 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN526 Wireless Networking - Wireless Networking 3.0

IS533 Advanced Data Communications - Advanced Data Communications 3.0

IS560 Information Security Mngmnt - Information Security Mngmnt 3.0

IS565 Digital Forensics for Orgnztns - Digital Forensics for Orgnztns 3.0

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

IS590R User-Centered Interface Design - Network Administration - *You may take once* 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

SOC380 Deviance & Social Control - Deviance & Social Control 3.0

SOC481 Crime, Justice, & Corrections - Crime, Justice, & Corrections 3.0

Note: Students may not count a course that shares over 70% of the same content with another class taken by the student. For example, students should not take CYBER 466 and IS 656; or CYBER 467 and IS 567.

Manufacturing (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
16

Program Requirements

Requirement 1 — Complete 3 Courses

MFGEN130 Intro to Manufacturing Engr - Intro to Manufacturing Engr 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

Requirement 2 — Complete 2 of 4 Courses

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

Construction and Facilities Management (BS): Construction Management Emphasis

Program Information

Minimum Credit Hours
85

Maximum Credit Hours
86

Major Academic Plan
MAPS - BS in Construction and Facilities Management Construction Management 2026-2027.docx

Learning Outcomes

Title
Problem Solving

Learning Outcome
An ability to identify formulate and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline.

Title
Design

Learning Outcome
An ability to formulate or design a system process procedure or program to meet desired needs.

Title
Experiment and Analysis

Learning Outcome
An ability to develop and conduct experiments or test hypotheses analyze and interpret data and use scientific judgment to draw conclusions.

Title
Communication

Learning Outcome
An ability to communicate effectively with a range of audiences.

Title
Ethics and Professional Responsibility

Learning Outcome
An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global economic enviornmental and societal contexts.

Title
Teamwork

Learning Outcome
An ability to function effectively on teams that establish goals plan tasks meet deadlines and anlyze risk and uncertainty.

Program Requirements

Undecided students that are interested in learning more about Civil Engineering, Construction Management, and Facility & Property Management may begin with CCE 101 Introduction to Civil/Const Engineering.

No more than 9 credit hours of grades below C- in major courses may be applied toward graduation.

Students must complete 300 hours of pre-approved construction/facilities-related work after declaring the major and must submit a report during the CFM 491 class.

Requirement 1 — Complete 2 Requirements

Requirement 1.1 — Complete 19 Courses

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

CCE113 Construction Modeling - Construction Modeling 3.0

CCE122 Surveying - Surveying 1.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Materials 3.0

CCE270 Computational Methods - Computational Methods 3.0

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM120 Methods 1 - Structural Systems -Methods 1 - Structural Systems 3.0

CFM220 Methods 2 - Bldg Systems- Methods 2 - Bldg Systems3.0

CFM311 Est Processes - Est Processes 3.0

CFM312 Const Scheduling & Cost Contrl - Const Scheduling & Cost Contrl 3.0

CFM333 Sustainable Design & Arch - Sustainable Design & Arch 3.0

CFM345 Construction Safety - Construction Safety 2.0

CFM385 Construction Law - Construction Law 2.0

CFM411 Pre-Construction Services - Pre-Construction Services 3.0

CFM415 Const Project Mgt & Control - Const Project Mgt & Control 3.0

CFM445 Const Company Operatns & Mgt - Const Company Operatns & Mgt 3.0

Requirement 1.2 — Complete 1 of 2 Courses

CFM320 Advanced Building Systems - Advanced Building Systems 3.0

CFM342 Earthwork & Construction Equip - Earthwork & Construction Equip 3.0

Requirement 2 — Complete 2 Requirements

Requirement 2.1 — Complete 2.5 hours

Complete five enrollments of the following (cannot be taken the same semester as CFM 491)

CFM291R Undergraduate Seminar - Undergraduate Seminar - *You may take 5 times* 0.5

Requirement 2.2 — Complete 1 Course

Complete the following during the next-to-last semester before graduation.

CFM491 Senior Seminar - Senior Seminar 0.5

Requirement 3 — Complete 1 of 2 Courses

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 4 — Complete 2 Requirements

Requirement 4.1 — Complete 3 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 4.2 — Complete 1 of 2 Courses

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

Requirement 5 —Complete 2 hours

Experiential Learning

CFM317R ASC Competition - ASC Competition 1.0

CFM318R NAHB Competition - NAHB Competition - *You may take once* 2.0

CFM319R CFM Experiential Learning - CFM Experiential Learning 1.0v

Requirement 6 — Complete 2 Requirements

Requirement 6.1 — Complete 2 of 27 Courses

Program Elective Courses

(NOTE: a course taken as a major requirement course may not double count as a program elective course):

CCE114 Geomatics - Geomatics 2.0

CE232 Fluid Mechanics - Fluid Mechanics 3.0

CE321 Structural Analysis - Structural Analysis 3.0

CE331 Hydrology - Hydrology 3.0

CE341 Soil Mechanics - Soil Mechanics 3.0

CE351 Intro to Environmental Eng - Intro to Environmental Eng 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CFM210 Fundamentals of FPM - Fundamentals of FPM 3.0

CFM320 Advanced Building Systems - Advanced Building Systems 3.0

CFM340 Operations and Maintenance - Operations and Maintenance 3.0

CFM342 Earthwork & Construction Equip - Earthwork & Construction Equip 3.0

CFM400 Managing High Performance Bldg - Managing High Performance Bldg 3.0

CFM420 Commercial Real Estate Mgt - Commercial Real Estate Mgt 3.0

CFM426 Real Estate Development - Real Estate Development 3.0

CFM433 Design Studio - Design Studio 3.0

CFM442 Civil Infrastructure Const - Civil Infrastructure Const 3.0

CFM450 Virtual Design & Construction - Virtual Design & Construction 3.0

CFM500 Const Innovation & Tech - Const Innovation & Tech 3.0

CFM530 Constr Comp Opers and HR - Constr Comp Opers and HR 3.0

CFM540 Managing Risk in Construction - Managing Risk in Construction 3.0

CFM550 Const Co Developmt - Const Co Developmt 3.0

CFM555 Const. Co. Financial Mgt. - Const. Co. Financial Mgt. 3.0

CFM560 Leadership in the Built Envnmt - Leadership in the Built Envnmt 3.0

CFM570 Infrastructure Asset Mgmt - Infrastructure Asset Mgmt 3.0

CFM580 Sustainable Community Dev - Sustainable Community Dev 3.0

CFM594R Special Topics in CM - Special Topics in CM - *You may take once* 1.0v

Requirement 6.2 — Complete 2 of 13 Courses

Flexible Electives

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

FIN401 Adv Financial Management - Adv Financial Management 3.0

FIN413 Real Estate Finance & Invstmnt - Real Estate Finance & Invstmnt 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods- Urban Planning Methods 3.0

GEOL330 Engineering Geology - Engineering Geology 3.0

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

GCI300 Social Impact - Social Impact 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Cybersecurity (BS)

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
78

Major Academic Plan

MAPS - BS in Cybersecurity 2026-2027.docx

Learning Outcomes

Title
Problem Analysis and Solutions

Learning Outcome
Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions.

Title
Design, Implement, & Evaluate Computing Solutions

Learning Outcome
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

Title
Communicate Effectively

Learning Outcome
Communicate effectively in a variety of professional contexts.

Title
Legal & Ethical Judgment

Learning Outcome
Recognize professional responsibilities and make informed judgements in computing practice based on legal and ethical principles.

Title
Teamwork and Management

Learning Outcome
Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Title
Security Principles and Practices

Learning Outcome
Apply security principles and practices to maintain operations in the presence of risks and threats.

Program Requirements

Students must have a minimum of 120 total hours to graduate with this major.

Requirement 1 — Complete 8 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Dis crete Structures 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 2 — Complete 1 of 2 Courses

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 3 — Complete 15 Courses

Note: CYBER 210 AND 247 must be completed with a grade of C or higher prior to entering any 300-level IT course.

EC EN192 Freshman Project - Freshman Project 1.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 4.0

EC EN225 Computer Systems Lab - Computer Systems Lab 1.0

EC EN475 Capstone Design 1 - Capstone Design 1 3.0

EC EN476 Capstone Design 2 - Capstone Design 2 3.0

CYBER110 Intro to Cybersecurity - Intro to Cybersecurity 1.0

CYBER210 Secure Web Development - Secure Web Development 4.0

CYBER231 Ethics, Law, and Leadership - Ethics, Law, and Leadership 3.0

CYBER247 Networks & Security - Network Fundam. & Security 3.0

CYBER266 Adversarial & Cyber Mindset - Adversarial & Cyber Mindset 3.0

CYBER291 Sophomore Seminar - Sophomore Seminar 0.5

CYBER344 Operating Systems - Operating Systems 3.0

CYBER350 Database Principles & Applictn - Database Principles & Applictn 3.0

CYBER366 Defensive Cybersecurity - Info Assurance & Security 3.0

CYBER391 Junior Seminar- Junior Seminar 0.5

Requirement 4 — Complete 1 of 2 Courses

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

CYBER467 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

Requirement 5 — Complete 1 of 2 Courses

IS565 Digital Forensics for Orgnztns - Digital Forensics for Orgnztns 3.0

CYBER466 Digital Forensics - Digital Forensics 3.0

Requirement 6 — Complete 9 hours

Courses outside of those listed must be pre-approved by the program. CYBER 492R and 515R must have a cybersecurity-related topic.

C S466 Blockchain Technologies - Blockchain Technologies 3.0

CYBER492R Special Problems - Special Problems - *You may take once* 1.0v

CYBER515R Special Topics in Cyber - Special Topics in IT&C - *You may take once* 1.0v

CYBER444 System Administration - System Administration 3.0

CYBER529 Advanced Networking - Advanced Networking 3.0

CYBER548 Cyber-Physical Systems - Cyber-Physical Systems 3.0

CYBER555 Usable & Secure Design - Usable & Secure Design 3.0

CYBER562 Cloud Architecture & Security - Cloud Architecture & Security 3.0

CYBER585 Encryption Implementation - Encryption Implementation 3.0

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

EC EN471 Machine Learning: Found & Apps - Machine Learning: Found & Apps 4.0

EC EN526 Wireless Networking - Wireless Networking 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Students must complete 200 hours of pre-approved cybersecurity-related work after declaring the major and must submit a signed letter from an employer during the IT&C 447 course.

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Construction and Facilities Management (BS): Facility and Property Management Emphasis

Program Information

Minimum Credit Hours
82

Maximum Credit Hours
83

Major Academic Plan

MAPS - BS in Construction and Facilities Management Facility and Property Management 2026-2027.docx

Learning Outcomes

Title
Problem Solving

Learning Outcome
An ability to identify formulate and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline.

Title
Design

Learning Outcome
An ability to formulate or design a system process procedure or program to meet desired needs.

Title
Experiment and Analysis

Learning Outcome
An ability to develop and conduct experiments or test hypotheses analyze and interpret data and use scientific judgment to draw conclusions.

Title
Communication

Learning Outcome
An ability to communicate effectively with a range of audiences.

Title
Ethics and Professional Responsibility

Learning Outcome
An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global economic enviornmental and societal contexts.

Title
Teamwork

Learning Outcome
An ability to function effectively on teams that establish goals plan tasks meet deadlines and anlyze risk and uncertainty.

Program Requirements

Undecided students that are interested in learning more about Civil Engineering, Construction Management, and Facility & Property Management may begin with CCE 101 Introduction to Civil/Const Engineering.

No more than 9 credit hours of grades below C- in major courses may be applied toward graduation.

Students must complete 300 hours of pre-approved construction/facilities-related work after declaring the major and must submit a report during the CFM 491 class.

Requirement 1 —Complete 15 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CCE113 Construction Modeling - Construction Modeling 3.0

CCE270 Computational Methods - Computational Methods 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM120 Methods 1 - Structural Systems - Methods 1 - Structural Systems 3.0

CFM220 Methods 2 - Bldg Systems - Methods 2 - Bldg Systems3.0

CFM311 Est Processes - Est Processes 3.0

CFM312 Const Scheduling & Cost Contrl - Const Scheduling & Cost Contrl 3.0

CFM333 Sustainable Design & Arch - Sustainable Design & Arch - 3.0

CFM345 Construction Safety - Construction Safety 2.0

CFM385 Construction Law - Construction Law - 2.0

CFM415 Const Project Mgt & Control - Const Project Mgt & Control 3.0

CFM426 Real Estate Development - Real Estate Development 3.0

CFM445 Const Company Operatns & Mgt - Const Company Operatns & Mgt 3.0

Requirement 2 — Complete 2 Requirements

Requirement 2.1 — Complete 2.5 hours

Complete five enrollments of the following (cannot be taken the same semester as CFM 491)

CFM291R Undergraduate Seminar - Undergraduate Seminar - *You may take once* 0.5

Requirement 2.2 — Complete 1 Course

Complete the following during the next-to-last semester before graduation.

CFM491 Senior Seminar- Senior Seminar 0.5

Requirement 3 — Complete 1 of 2 Courses

M COM320 Management Communication - Management Communication 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 4 — Complete 8 Courses

CFM210 Fundamentals of FPM - Fundamentals of FPM 3.0

CFM320 Advanced Building Systems - Advanced Building Systems 3.0

CFM340 Operations and Maintenance - Operations and Maintenance 3.0

CFM400 Managing High Performance Bldg - Managing High Performance Bldg 3.0

CFM420 Commercial Real Estate Mgt - Commercial Real Estate Mgt 3.0

HRM402 Human Resource Mgt - Human Resource Mgt 3.0

MATH111 Trigonometry - Trigonometry 2.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 5 —Complete 2 hours

Experiential Learning

CFM317R ASC Competition - ASC Competition 1.0

CFM318R NAHB Competition - CNAHB Competition - *You may take once* 2.0

CFM319R CFM Experiential Learning - CFM Experiential Learning 1.0v

Requirement 6 — Complete 5 hours

(NOTE: a course taken as a major requirement course may not double count as an elective course)

CCE114 Geomatics - Geomatics - 2.0

CCE304 Metals, Woods, & Composites - Metals, Woods, & Composites 1.5

CCE306 Concrete, Masonry, & Asphalt - Concrete, Masonry, & Asphalt 1.5

CE232 Fluid Mechanics - Fluid Mechanics 3.0

CE321 Structural Analysis - Structural Analysis 3.0

CE331 Hydrology - Hydrology 3.0

CE341 Soil Mechanics - Soil Mechanics 3.0

CE351 Intro to Environmental Eng - Intro to Environmental Eng 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CFM342 Earthwork & Construction Equip - Earthwork & Construction Equip 3.0

CFM411 Pre-Construction Services - Pre-Construction Services 3.0

CFM433 Design Studio - Design Studio 3.0

CFM442 Civil Infrastructure Const - Civil Infrastructure Const 3.0

CFM450 Virtual Design & Construction - Virtual Design & Construction 3.0

CFM500 Const Innovation & Tech - Const Innovation & Tech 3.0

CFM530 Constr Comp Opers and HR - Constr Comp Opers and HR 3.0

CFM540 Managing Risk in Construction - Managing Risk in Construction 3.0

CFM550 Const Co Developmt - Const Co Developmt 3.0

CFM555 Const. Co. Financial Mgt. - Const. Co. Financial Mgt. 3.0

CFM560 Leadership in the Built Envnmt - Leadership in the Built Envnmt 3.0

CFM570 Infrastructure Asset Mgmt - Infrastructure Asset Mgmt 3.0

CFM580 Sustainable Community Dev - Sustainable Community Dev 3.0

CFM594R Special Topics in CM - Special Topics in CM - *You may take once* 1.0v

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

FIN401 Adv Financial Management - Adv Financial Management 3.0

FIN413 Real Estate Finance & Invstmnt - Real Estate Finance & Invstmnt 3.0

GCI300 Social Impact - Social Impact 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOL330 Engineering Geology - Engineering Geology 3.0

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

Requirement 7 — Complete 1 hour

CFM199R Technical Internship - Technical Internship - *You may take once* 1.0

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Product & User Experience Design (BFA) *

Program Information

Minimum Credit Hours
71

Maximum Credit Hours
71

Major Academic Plan
MAPS - BFA in Product & User Experience Design 2026-2027.docx

Learning Outcomes

Title
Integrative Designers of Human Centered Products

Learning Outcome
applying empathy, research, ethical reasoning, to identify user needs and design responsible and meaningful human centered physical and digital products and experiences that improve the human condition and reflect Christian compassion and stewardship.

Title
Innovative Creators

Learning Outcome
demonstrating creative confidence and technical competence in developing, prototyping, and communicating innovative design ideas across digital and physical mediums. They will see creative problem solving as a divine attribute, seek the role of Divine Guidance in this process, and continuously work to understand and develop creativity & innovation strategies

Title
Understand fundamental principles of Design History, Criticism, and Practice

Learning Outcome
understanding the fundamentals of design history and the multi-faceted societal, cultural, and environmental impact of the products of contemporary professional practice.

Title
Communicative Professionals

Learning Outcome
being effective and supportive in multidisciplinary teams, demonstrating humility, respect, and leadership grounded in integrity and service.

Title
Reflective Thinkers for Life-long Learning and Contribution

Learning Outcome
committing to the development of a lifelong studio practice and advancing in their professions and communities, graduates should critically analyze design outcomes and processes, integrate aesthetic, functional, cultural, and spiritual dimensions into responsible design decisions, and cultivate curiosity, and adaptability.

Program Requirements

The Product & User Experience Design BFA program is a limited enrollment program requiring departmental admissions approval. Permission is granted through a portfolio review and interview process. Interested students should declare their pre-major intent, complete the DESPX 115 offered only in Fall and submit an online portfolio of their work at the end of fall semester for the Pre-BFA courses offered Winter and Spring.

Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.

Requirement 1 — Complete 1 Course

Prerequisite course:

DESPX115 Product & UX Design 1 - Product & UX Design 1 4.0

Apply for pre-BFA status via portfolio review.

Requirement 2 — Complete 2 Courses

Foundational courses:

DESPX220 Intro to Physical Product - Intro to Physical Product 3.0

DESPX260 Intro to Digital Product - Intro to Digital Product 3.0

Apply to the Product & User Experience Design BFA program via portfolio review

After admission to the major, complete the following:

Requirement 3 — Complete 9 Courses

DESGD243 Typography 1 - Typography 1 3.0

DESGD362 Interactive Typographic Sys - Interactive Typographic Sys 3.0

DESPX210 3D Modeling Principles - 3D Modeling Principles 3.0

DESPX214 Materials & Processes - Materials & Processes 3.0

DESPX230 Product Studio 1 - Product Studio 1 3.0

DESPX231 Vis & Presentation Methods - Vis & Presentation Methods 3.0

DESPX330 Product Studio 2 - Product Studio 2 3.0

DESPX365 UX Research Methods - UX Research Methods 3.0

DESPX461 Portfolio - Portfolio - *You may take once* 3.0

Requirement 4 — Complete 6 hours

DESPX497R Product Design Capstone - Collab. UX Design: Implement. - *You may take 2 times* 3.0

Requirement 5 — Complete 1 hour

DES311R Design Lecture Series- Design Lecture Series - *You may take up to 1.0 credit hours* 0.5

History & Critical Studies Courses:

Requirement 6 — Complete 2 Requirements

Option 6.1 — Complete 2 of 4 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

Option 6.2 — Complete 2 Courses

DES390 Design Theory - Design Theory 3.0

IP&T420 Design Psychology - Design Psychology 3.0

Requirement 7 — Complete 1 Course

Career & Business Courses:

DESPX388 Professional Practice - Professional Practice 2.0

Requirement 8 — Complete 1 hour

DES496R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 9 — Complete 12 hours

(COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THIS REQUIREMENT)

ANTHR370 Community Based Research - Community Based Research 3.0

C S110 How to Program - How to Program 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

DES280 Motion Concepts - Motion Concepts 3.0

DES340 Graphics: Brand & Type - Graphics: Brand & Type 3.0

DES394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DES480 3D Motion - 3D Motion 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 0.5v

DESGD460 Adv Interaction Design - Adv Interaction Design 3.0

DESGD491R Collab Des: Brand & Strategy - Collab Des: Brand & Strategy - *You may take once* 3.0

DESPX310 Adv. 3D Modeling - Adv. 3D Modeling 3.0

NX8qZIwsO6OgVa4wDnnd - Missing course - Data Visualization 3.0

DESPX338R Field Study - Field Study - *You may take once* 2.0

DESPX339 History of Products - History of Products 3.0

DESPX394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 1.0v

DESPX499R Directed Studies - Directed Studies - *You may take once* 0.5v

ENT434R New Venture LaunchPad - New Venture LaunchPad - *You may take once* 3.0

ENT441 Rapid Prod Innovation - Rapid Prod Innovation 1.5

ENT442 Ideation & Team Formation - Ideation & Team Formation 1.5

ENT445R SW PM Lecture Series - SW PM Lecture Series - *You may take once* 0.5

IP&T461 Design Evaluation - Design Evaluation 3.0

MSB342 Product Lecture Series - Product Lecture Series 1.0

Students can be placed on probationary status for the following: 1) Inadequate academic performance, 2) Unprofessional attitude and lack of commitment, 3) BYU Honor Code violations.

Manufacturing Engineering (BS)

Program Information

Minimum Credit Hours
94

Maximum Credit Hours
94

Major Academic Plan
MAPS - BS in Manufacturing Engineering 2026-2027.docx

Learning Outcomes

Title
7. New Knowledge

Learning Outcome
An ability to acquire and apply new knowledge as needed using appropriate learning strategies.

Title
6. Experimentation

Learning Outcome
Anability to develop and conduct appropriate experimentation analyze and interpret data and use engineering judgment to draw conclusions.

Title
5. Teamwork

Learning Outcome
An ability to function effectively on a team whose members together provide leadership create a collaborative and inclusive environment establish goals plan tasks and meet objectives.

Title
4. Ethics and Professionalism

Learning Outcome
Anability to recognize ethical and professional responsibilities in engineering situations and make informed judgments which must consider the impact of engineering solutions in global economic environmental and societal contexts.

Title
3. Communication

Learning Outcome
Anability to communicate effectively with a range of audiences.

Title
2. Engineering Design

Learning Outcome
An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health safety and welfare as well as global cultural social environmental and economic factors.

Title
1. Complex Engineering Problems

Learning Outcome
An ability to identify formulate and solve complex engineering problems by applying principles of engineering science and mathematics.

Program Requirements

Students must have a minimum of 123 total hours (including major, GE, and Religion hours) to graduate with this major.

Requirement 1 —Complete 11 Courses

MFGEN130 Intro to Manufacturing Engr - Intro to Manufacturing Engr 3.0

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN291 Manufacturing Leadership - Manufacturing Leadership 1.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

MFGEN491 Senior Seminar - Senior Seminar 1.0

Requirement 2 —Complete 1 hour

MFGEN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Requirement 3 —Complete 3 Requirements

Supporting courses:

Requirement 3.1 — Complete 1 of 2 Courses

CCE103 Engineering Mechanics-Statics - Engineering Mechanics-Statics 3.0

ME EN101 Static Systems in Me En **-** Static Systems in Me En 3.0

Requirement 3.2 — Complete 9 Courses

BIO100 Principles of Biology - Principles of Biology 3.0

CCE203 Engr Mechanics - Materials - Engr Mechanics - Mechanics of Materials 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MATH112 Calculus 1 - Calculus 1 4.0

ME EN250 Materials Science - Materials Science 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 3.2 — Complete 1 of 2 Courses

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

Requirement 4 — Complete 4 of 10 Courses

Technical Elective courses:

ME EN231 Leadership in a Global Context - Leadership in a Global Context 3.0

MFGEN318 MFG Electronics & Microsystems - MFG Electronics & Microsystems 3.0

MFGEN372 Design for X - Design for X 3.0

MFGEN431 Tool Design - Tool Design 3.0

MFGEN433 Intro to SMART Manufacturing - Intro to SMART Manufacturing 3.0

MFGEN435 Instrumentation for MFGEN - Instrumentation for MFGEN 3.0

MFGEN 440 - Six Sigma 3.0 - *This course is no longer available.*

MFGEN456 Intro to Composites - Intro to Composites 3.0

MFGEN479 Innovation & Entrepreneurship - Innovation & Entrepreneurship 3.0

MFGEN481 Mfg Systems & Simulation - Mfg Systems & Simulation 3.0

Requirement 5 — Complete 12 hours

Math, Science, and Statistics supporting courses:

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT511 Stat Methods for Research 1 - Stat Methods for Research 1 3.0

STAT512 Stat Methods for Research 2 - Stat Methods for Research 2 3.0

Requirement 6 — Complete 2 Courses

ME EN475 Integrated Prodct&Proc Desgn 1 - Integrated Prodct&Proc Desgn 1 3.0

ME EN476 Product Dev 2 - Capstone - Product Dev 2 - Capstone 3.0

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Technology & Engineering Education: Teaching Track (BS)

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
76

Major Academic Plan
MAPS - BS in Technology & Engineering Studies - Teaching 2025-2026.pdf

Learning Outcomes

Title
UETS Standard 1: Learner Development

Learning Outcome
Each candidate understands cognitive linguistic social emotional and physical areas of student development.

Title
UETS Standard 2: Learning Differences

Learning Outcome
Each candidate understands individual learner differences and cultural and linguistics diversity.

Title
UETS Standard 3: Learning Environments

Learning Outcome
Each candidate works with learners to create environments that support individual and collaborative learning encouraging positive social interaction active engagement in learning and self-motivation.

Title
UETS Standard 4: Content Knowledge

Learning Outcome
Each candidate understands the central concepts tools of inquiry and structures of the discipline.

Title
UETS Standard 5: Assessment

Learning Outcome
Each candidate uses multiple methods of assessment to engage learners in their own growth monitor learner progress guide planning and instruction and determine whether the outcomes described in content standards have been met.

Title
UETS Standard 8: Reflection and Continuous Growth

Learning Outcome
Each candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.

Title
UETS Standard 9: Leadership and Collaboration

Learning Outcome
Each candidate is a leader who engages collaboratively with learners families and colleagues and community members to build a shared vision and supportive professional culture focused on student growth and success.

Title
UETS Standard 10: Professional and Ethical Behavior

Learning Outcome
Each candidate demonstrates the highest standard of legal moral and ethical conduct as specified in Utah State Board Rule R277-515.

Title
UETS Standard 7: Instructional Strategies

Learning Outcome
Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways.

Title
UETS Standard 6: Instructional Planning

Learning Outcome
Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas Utah Core Standards practices and the community context.

Title
ITEEA Standards for Technological and Engineering Literacy (STEL)

Learning Outcome
Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological and Engineering Literacy (STEL) developed by the International Technology and Engineering Educators Association (ITEEA).

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach technology and engineering content in public and private schools grades 6-12. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

Students accepted into the major after May 2020 must (a) maintain a total GPA of no less than 2.7 after admission to teacher preparation major and/or minor programs, (b) receive a "C" or better in all education-related and major and minor required courses (including any courses taken prior to acceptance into a teaching major or minor), and (c) demonstrate sufficient and timely progress in coursework and field experiences. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Requirements

Requirement 1.1 — Complete 1 of 2 Courses

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 2.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

Requirement 1.2 — Complete 1 of 2 Courses

MATH110 College Algebra - College Algebra 3.0

MATH111 Trigonometry - Trigonometry 2.0

Requirement 1.3 — Complete 13 Courses

Note: Fingerprinting and FBI clearance must be completed prior to enrolling in TES 276A,B.

TES112 Innovation - Innovation 1.0

TES125 Comm. Tech & Systems - Comm. Tech & Systems 3.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES210 Coding for Tech & Engr Educat - Coding for Tech & Engr Educat 3.0

TES225 Electronics for T & E Teachers - Electronics for T & E Teachers 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

TES276 Exploration of Teaching - Exploration of Teaching A 3.5

TES276B Exploration of Teaching B - Exploration of Teaching B 0.5

TES320 Creat Eng and Prob Solving I - Creat Eng and Prob Solving I 3.0

TES330 Creat Eng and Prob Solving II - Creat Eng and Prob Solving II 3.0

TES340 Prin of Technology & Engr - Prin of Technology & Engr 3.0

Requirement 2 — Complete 6 Course

Complete 6 registrations of the following (except if enrolled in TES 476):

TES291R Undergraduate Seminar - Undergraduate Seminar - *You may take 6 times* 0.5

Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 3.1 —Complete 5 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

TES378 Practicum in Technology Educ - Practicum in Technology Educ 2.0

Note: Fingerprinting and FBI clearance must be kept updated.

Requirement 3.2 —Complete 12 hours

TES476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete a student teaching application through MyLink.

Requirement 4 —Complete 9 hours

TECHNICAL ELECTIVES:

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM220 Methods 2 - Bldg Systems - Mechanical Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM305 Concrete, Masonry, and Asphalt - Concrete, Masonry, and Asphalt 1.5

COMMS230 Intro Creative Advertising - Intro Creative Advertising 3.0

COMMS365 Photojournalism - Photojournalism 1.5

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH116 Introduction to Photography - Introduction to Photography 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH360 Filmmaking 02 - Filmmaking 02 3.0

DESPH410R Comp Applications Studio-Photo - Comp Applications Studio-Photo - *You may take once* 2.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT 313 - Startup Bootcamp - *This course is no longer available for registration.* 1.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

IT&C101 Intro to Cybersecurity - Intro to Cybersecurity 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

IT&C252 Computer Architecture & Org - Computer Architecture & Org 3.0

IT&C255 User Experience Design - User Experience Design 3.0

CYBER327 Digital Communications - Digital Communications 4.0

CYBER344 Operating Systems - Operating Systems 3.0

CYBER247 Networks & Security - Networks and Security 3.0

CYBER350 Database Principles & Applictn - Database Principles & Applictn 3.0

CYBER366 Defensive Cybersecurity - Defensive Cybersecurity 3.0

IT&C410 Advanced Web Technologies - Advanced Web Technologies 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

MFGEN130 Intro to Manufacturing Engr - Modern Manufacturing 3.0

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

GCI300 Social Impact - Social Impact 3.0

GCI381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

GCI443 Corporate Social Impact - Corporate Social Impact 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

PWS105 Landscape Design Graphics - Landscape Design Graphics 2.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES350 Mltimedia Authoring & Publish - Mltimedia Authoring & Publish 3.0

TES400 Furniture Design - Furniture Design 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA105 Using Basic Film Tools - Using Basic Film Tools 1.0

TMA185 Basic Film Production - Basic Film Production 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take once* 1.0v

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Technology & Engineering Studies (BS): Technical Emphasis

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
76

Major Academic Plan
MAPS - BS in Technology & Engineering Studies - Technical 2026-2027.docx

Learning Outcomes

Title
TES Technical: Learning Outcome 1

Learning Outcome
Students will demonstrate technical competency in technology and engineering studies.

Title
TES Technical: Learning Outcome 2

Learning Outcome
Students will demonstrate creative design entrepreneurial innovative problem-solving and critical thinking skills.

Title
TES Technical: Learning Outcome 3

Learning Outcome
Students will demonstrate effective communication skills.

Title
TES Technical: Learning Outcome 4

Learning Outcome
Students will demonstrate lifelong learning skills.

Program Requirements
Requirement 1 — Complete 3 Requirements

Requirement 1.1 — Complete 1 of 2 Courses

CCE112 Engr Draft w/CAD Apps - Engr Draft w/CAD Apps 2.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

Requirement 1.2 — Complete 1 of 2 Courses

MATH110 College Algebra - College Algebra 3.0

MATH111 Trigonometry - Trigonometry 2.0

Requirement 1.3 — Complete 12 Courses

Note: Fingerprinting and FBI clearance must be completed prior to enrolling in TES 276A,B.

TES112 Innovation - Innovation 1.0

TES125 Comm. Tech & Systems - Comm. Tech & Systems 3.0

TES200 Processes Prototyping Wood - Processes Prototyping Wood 3.0

TES210 Coding for Tech & Engr Educat - Coding for Tech & Engr Educat 3.0

TES225 Electronics for T & E Teachers - Electronics for T & E Teachers 3.0

TES229 Process & Mfg: Metals/Polymers - Process & Mfg: Metals/Polymers 3.0

TES255 Visual Communication Design - Visual Communication Design 3.0

TES276 Exploration of Teaching - Exploration of Teaching A 3.5

TES276B Exploration of Teaching B - Exploration of Teaching B 0.5

TES330 Creat Eng and Prob Solving II - Creat Eng and Prob Solving II 3.0

TES340 Prin of Technology & Engr - Prin of Technology & Engr 3.0

TES399R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 2 — Complete 6 Course

Complete six registrations of the following (except if enrolled in TES 476):

TES291R Undergraduate Seminar - Undergraduate Seminar - *You may take 6 times* 0.5

Requirement 3 — Complete 34 hours

TECHNICAL ELECTIVES:

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

CFM105 Fundamentals of CFM - Fundamentals of CFM 3.0

CFM220 Methods 2 - Bldg Systems - Methods 2 - Bldg Systems 3.0

CFM241 Electrical Systems - Electrical Systems 2.0

CFM305 Concrete, Masonry, and Asphalt - Concrete, Masonry, and Asphalt 1.5

COMMS230 Intro Creative Advertising - Intro Creative Advertising 3.0

COMMS365 Photojournalism - Photojournalism 1.5

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH116 Introduction to Photography - Introduction to Photography 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH360 Filmmaking 02 - Filmmaking 02 3.0

DESPH410R Comp Applications Studio-Photo - Comp Applications Studio-Photo - *You may take once* 2.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT301 Business Model Validation - Business Model Validation 3.0

ENT 313 - Startup Bootcamp - *This course is no longer available for registration* 1.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

IT&C101 Intro to Cybersecurity - Intro to Cybersecurity 3.0

IT&C210A Web Systems & Security Part 1 - Web Systems & Security Part 1 2.0

IT&C210B Web Systems & Security - Web Systems & Security 2.0

IT&C252 Computer Architecture & Org - Computer Architecture & Org 3.0

IT&C255 User Experience Design - User Experience Design 3.0

CYBER327 Digital Communications - Digital Communications 4.0

CYBER344 Operating Systems - Operating Systems 3.0

CYBER350 Database Principles & Applictn - Database Principles & Applictn 3.0

CYBER366 Defensive Cybersecurity - Defensive Cybersecurity 3.0

IT&C410 Advanced Web Technologies - Advanced Web Technologies 3.0

ME EN272 Engineering Graphics - Engineering Graphics 3.0

MFGEN130 Intro to Manufacturing Engr - Modern Manufacturing 3.0

MFGEN220 Material Removal - Material Removal 3.0

MFGEN230 Computer-Aided Manufacturing - Computer-Aided Manufacturing 3.0

MFGEN331 Metals Processes - Metals Processes 4.0

MFGEN333 Industrial Automation - Industrial Automation 3.0

MFGEN340 Quality Systems - Quality Systems 3.0

MFGEN355 Plastics Materials &Processing - Plastics Materials &Processing 3.0

MFGEN381 Lean Mfg & Sys Des - Lean Mfg & Sys Des 3.0

MFGEN401 Data Analysis - Data Analysis 3.0

GCI300 Social Impact - Social Impact 3.0

GCI381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

GCI443 Corporate Social Impact - Corporate Social Impact 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

PWS103 Residential Landscape Design - Residential Landscape Design 3.0

SC ED353 Multicultural Educ - Multi Cult Ed for Sc Ed 3.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

TES251 Video & Photography Production - Video & Photography Production 3.0

TES350 Mltimedia Authoring & Publish - Mltimedia Authoring & Publish 3.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

TES400 Furniture Design - Furniture Design 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA105 Using Basic Film Tools - Using Basic Film Tools 1.0

TMA185 Basic Film Production - Basic Film Production 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take once* 1.0v

Upon declaring the TES major, only up to 9 credits of previous course work may be applied if they are from other STEM colleges/departments on campus and up to 9 transfer credits from outside of BYU may be applied only if they come from a STEM discipline. All tech electives must follow an approval process. Please contact the TES major advisor for details.

Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:

Complete department packet and exit interview.

Communications (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Major Academic Plan
MAP - Minor in Communications 1.27.23.pdf

Program Requirements
Minor modifications are not automatically evaluated. Students should contact the advisement center (cfacadvise@byu.edu; 801-422-3777; 2105 AB) for substitution and/or transfer consideration.

Requirement 1 — Complete 1 Course

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

Requirement 2 — Complete 12 hours

COMMS230 Intro Creative Advertising - Intro Creative Advertising 3.0

COMMS235 Intro PR + AD - Intro PR + AD 3.0

COMMS239 Intro to Storytelling - Intro to Storytelling 3.0

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS301 Media History and Culture - Media History and Culture- *You may take once* 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS351 Media Tech & Audiences - Media Tech & Audiences - *You may take once* 3.0

COMMS411 Media Effects and Health - Media Effects and Health - *You may take once* 3.0

COMMS416 - Civic Communication and Public - *You may take once* 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media - *You may take once* 3.0

COMMS482 Religion, Media, and Society - Religion, Media, and Society - *You may take once* 3.0

Communications (BA): Advertising Emphasis*

Program Information

Minimum Credit Hours
42

Maximum Credit Hours
42

Major Academic Plan
MAPS - BA in Communications Advertising 2026-2027.docx

Learning Outcomes

Title
Creativity

Learning Outcome
Students will create messages that matter by applying the fundamentals of the creative advertising process.

Title
AIMS of BYU Education

Learning Outcome
Students will learn to develop a testimony of the Savior through exhibiting Christ-Like attributes in their interactions with others and will be able to persuade with the light of Christ and create messages that will impact the world for good.

Title
Creative Voice

Learning Outcome
Students will develop their own creative voice and realize their unique voice is one of their most powerful assets in creating messages that matter.

Title
Skills In Creative Advertising

Learning Outcome
Students will be able to perform the skills of art direction, copy writing, and content creation.

Title
Serve Communities

Learning Outcome
Students will be able serve the communities in which they reside through the leadership skills they will develop in the program.

Program Requirements

All students must take a campus writing course before applying for admission to the major. Our WRTG 150 requirement must be fulfilled by WRTG 150, ELANG 150, M COM 320, an Advanced Written and Oral Communication GE course (WRTG 311, WRTG 312, WRTG 313, WRTG 315 or WRTG 316) or an equivalent transfer course (Transfer classes from other universities must be cleared by the advisement center prior to applying to the program). **We do not accept AP English credits or English 115.**

Note: Students must receive a B grade or better to be eligible to apply for admission to the program.

Requirement 1 — Complete 3 Courses

Note: Students must receive a B grade or better in each course to be eligible to apply for admission to the program.

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS230 Intro Creative Advertising - Intro Creative Advertising 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Apply to the major. After admission to the major, complete the following:

Requirement 2 — Complete 1 Course

COMMS335 TV Commercial Production - TV Commercial Production 3.0

Requirement 3 — Complete 1 Course

COMMS309 Creative Strategy - Creative Strategy 3.0

Requirement 4 — Complete 6 hours

COMMS371R Special Topics in Advertising - Special Topics in Advertising - *You may take up to 9.0 credit hours* 3.0

Requirement 5 — Complete 2 of 9 Courses

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS301 Media History and Culture - Media History and Culture 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS351 Media Tech & Audiences - Media Tech & Audiences 3.0

COMMS411 Media Effects and Health - Media Effects and Health 3.0

COMMS416 - Civic Communication and Public 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

COMMS482 Religion, Media, and Society - Religion, Media, and Society 3.0

Requirement 6— Complete 4 Courses

COMMS330 Advertising Concepts 1 - Advertising Concepts 1 3.0

COMMS331 Advertising Concepts 2 - Advertising Concepts 2 3.0

COMMS433 Adv Advertising Concept 3 - Adv Advertising Concept 3 3.0

COMMS489 Culmination Experience - Creative Advertising Culmination Experience 3.0

Requirement 7 — Complete 1 of 4 Options

Option 7.1 — Complete 3 hours

Internship: After consulting with an advisor, complete an internship in conjunction with 3 hours of the following:

COMMS496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 4.0v

Note: The following prerequisite courses must be taken before the internship experience: (1) Advertising strategy track: Comms 309, 317, 337. (2) Creative track: Comms 309, 330, 331.

Option 7.2 — Complete 3 hours

Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 3 hours of the following:

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 3.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in COMMS 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a COMMS 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 7.3 — Complete 3 hours

Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 3 hours of the following:

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 3.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's COMMS projects. Enrollment in COMMS 498R is based on the availability of faculty-mentored COMMS projects. After the student has secured a faculty mentor, the student must request a COMMS 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 7.4 — Complete 3 hours

School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 3 hours of the following:

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 3.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in COMMS 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a COMMS 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. COMMS 491R cannot be combined with a paid position in the same lab.

Communications (BA): Media & Society Emphasis*

Program Information

Minimum Credit Hours
40

Maximum Credit Hours
40

Major Academic Plan
MAPS - BA in Communications Media & Society 2026-2027.docx

Learning Outcomes

Title
Domestic diversity

Learning Outcome
Students will demonstrate an understanding of gender race ethnicity sexual orientation and as appropriate other forms of diversity in domestic society in relation to mass communication.

Title
International diversity

Learning Outcome
Students will demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of mass communications in a global society.

Title
Writing

Learning Outcome
Students will write correctly and clearly in forms and styles appropriate for the communications professions audiences and purposes they serve.

Title
Editing

Learning Outcome
Students will critically evaluate their own work and that of others for accuracy and fairness clarity appropriate style and grammatical correctness.

Title
Numerical skills

Learning Outcome
Students will apply basic numerical and statistical concepts.

Title
Technology

Learning Outcome
Students will apply tools and technologies appropriate for the communications professions in which they work.

Title
Research

Learning Outcome
Students will conduct research and evaluate information by methods appropriate to the communications professions in which they work.

Title
Freedom of speech

Learning Outcome
Students will understand and apply the principles and laws of freedom of speech and the press for the right to dissent to monitor and criticize power and to assemble and petition for redress of grievances.

Title
Ethics

Learning Outcome
Students will demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth accuracy fairness and diversity.

Title
Theory

Learning Outcome
Students will understand concepts and apply theories in the use and presentation of images and information.

Title
History

Learning Outcome
Students will demonstrate an understanding of the history and role of professionals and institutions in shaping communications.

Title
Critical thinking

Learning Outcome
Students will think critically creatively and independently.

Program Requirements

All students must take a campus writing course before applying for admission to the major. Our WRTG 150 requirement must be fulfilled by WRTG 150, ELANG 150, M COM 320, an Advanced Written and Oral Communication GE course (WRTG 311, WRTG 312, WRTG 313, WRTG 315 or WRTG 316) or an equivalent transfer course (Transfer classes from other universities must be cleared by the advisement center prior to applying to the program). **We do not accept AP English credits or English 115.**

Note: Students must receive a B grade or better to be eligible to apply for admission to the program.

Requirement 1 — Complete 2 Courses

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Note: Students must receive a B grade or better in each Requirement 1 course in order to enroll in classes listed in Requirement 3. AP credit does not fulfill this requirement.

Requirement 2 — Complete 2 Courses

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

Requirement 3 — Complete 4 Courses

COMMS301 Media History and Culture - Media History & Philosophy 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS319 Comms Research Paradigms - Research in Communication 3.0

COMMS351 Media Tech & Audiences - Media & Their Audiences 3.0

Requirement 4 — Complete 4 Courses

COMMS411 Media Effects and Health - Media Effects 3.0

COMMS416 - Media Advocacy & Social Change 3.0

COMMS481 Family, Gender, and Media - Gender, Race, & Class in Media 3.0

COMMS482 Religion, Media, and Society - Media and World Religions 3.0

Requirement 5 — Complete 1 of 4 Options

Option 5.1 — Complete 1 hour

Internship: After consulting with an advisor, complete an internship in conjunction with 1 hour of the following:

COMMS496R Academic Internship - Academic Internship - *You may take up to 1.0 credit hours* 4.0v

Option 5.2 — Complete 1 hour

Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 1 hour of the following:

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 1.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 5.3 — Complete 1 hour

Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 1 hour of the following:

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 1.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 5.4 — Complete 1 hour

School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 1 hour of the following:

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 1.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

Requirement 6 — Complete 1 Course

Requirement 6 can only be taken after Requirement 3 has been fulfilled

COMMS483 Adv Communications Studies - Adv Communications Studies 3.0

Communications (BA): Public Relations and Advertising Emphasis*

Program Information

Minimum Credit Hours
45

Maximum Credit Hours
45

Major Academic Plan
MAPS - BA in Communications-Public Relations and Advertising Emphasis 2026-2027 edited.docx

Learning Outcomes

Title
Think Strategically

Learning Outcome
Students will use data, insight, and intelligence to design, manage, and evaluate effective communication strategies.

Title
Innovate with Insight

Learning Outcome
Students will transform data and research into actionable insights that inform compelling strategies and creative communication to solve organizational problems.

Title
Communicate with Excellence

Learning Outcome
Students will write, design, and deliver clear, creative, and impactful messages across media platforms.

Title
Collaborate Effectively

Learning Outcome
Students will foster inclusive teamwork and build strong relationships with diverse stakeholders across organizational and cultural contexts.

Title
Lead with Integrity

Learning Outcome
Students will apply Christ-centered leadership and ethical principles to build trust, strengthen communities, and guide teams with professionalism.

Title
Share Light and Truth

Learning Outcome
Students will bring light and truth to others by modeling Christ-centered values and serving as a positive influence in their communities and in the profession.

Program Requirements

All students must take a campus writing course before applying for admission to the major. *Our WRTG 150 requirement must be fulfilled by WRTG 150, ELANG 150, M COM 320, an Advanced Written and Oral Communication GE course (WRTG 311, WRTG 312, WRTG 313, WRTG 315 or WRTG 316) or an equivalent transfer course (Transfer classes from other universities must be cleared by the advisement center prior to applying to the program).* ***We do not accept AP English credits or English 115.***

Note: Students must receive a B grade or better to be eligible to apply for admission to the program.

Requirement 1 — Complete 3 Courses

Note: Students must receive a B grade or better from each course to be eligible to apply for admission to the program.

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS235 Intro PR + AD - Intro PR + AD 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Apply to the major.

Requirement 2 — Complete 5 Requirements

PRAD Core Classes

Requirement 2.1 — Complete 1 Course

COMMS303 PRAD Leadership + Ethics - PRAD Leadership + Ethics 3.0

Requirement 2.2 — Complete 1 of 3 Courses

COMMS317 PRAD Rapid Intelligence - PRAD Rapid Intelligence 3.0

COMMS318 PRAD Human Intelligence - PRAD Human Intelligence 3.0

COMMS333 PRAD Digital Intelligence - PRAD Digital Intelligence 3.0

Requirement 2.3 — Complete 1 of 3 Courses

COMMS320 PR Wrtg & Media Reltns - PR Wrtg & Media Reltns 3.0

COMMS350 PRAD Visual Comms - PRAD Visual Comms 3.0

COMMS372 AD Channel Planning - AD Channel Planning 3.0

Requirement 2.4 — Complete 1 of 2 Courses

COMMS409 AD Strategy - AD Strategy 3.0

COMMS436 PR Strategy - PR Strategy 3.0

Requirement 2.5 — Complete 3 hours

Note: The following prerequisite courses must be taken before Comms 491R - PRAD Intelligence Lab: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436. The following prerequisite courses must be taken before Comms 496R ? Academic Internship: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436. The following prerequisite courses must be taken before Comms 498R - PRAD competitions: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436

COMMS491R Student Media Labs - Student Media Labs - *You may take once* 1.0v

COMMS496R Academic Internship - Academic Internship - *You may take once* 1.0v

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take once* 1.0v

COMMS498R Projects in Communications - Projects in Communications - *You may take once* 0.5v

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

Requirement 3 — Complete 15 hours

PRAD Electives - Complete 15 additional credits from the following options:

Option 3.1 — Complete at least 6 hours up to 15 hours

Note: Instructor's consent is required to take Comms 321 ? Multimedia Reporting. The following prerequisite courses must be taken before Comms 491R - PRAD Intelligence Lab: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436. The following prerequisite courses must be taken before Comms 496R ? Academic Internship: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436. The following prerequisite courses must be taken before Comms 498R - PRAD competitions: Comms 303; Comms 317 or Comms 318 or Comms 333; Comms 409 or Comms 436.

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS321 Multimedia Reporting - Multimedia Reporting 3.0

COMMS337 PRAD Management - PRAD Management 3.0

COMMS373R PRAD Special Topics - PRAD Special Topics - *You may take once* 3.0

COMMS491R Student Media Labs - Student Media Labs - *You may take once* 1.0v

COMMS496R Academic Internship - Academic Internship - *You may take once* 1.0v

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take once* 1.0v

COMMS498R Projects in Communications - Projects in Communications - *You may take once* 0.5v

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

Option 3.2 — Complete up to 3 hours

COMMS317 PRAD Rapid Intelligence - PRAD Rapid Intelligence 3.0

COMMS318 PRAD Human Intelligence - PRAD Human Intelligence 3.0

COMMS333 PRAD Digital Intelligence - PRAD Digital Intelligence 3.0

Option 3.3 — Complete up to 3 hours

COMMS320 PR Wrtg & Media Reltns - PR Wrtg & Media Reltns 3.0

COMMS350 PRAD Visual Comms - PRAD Visual Comms 3.0

COMMS372 AD Channel Planning - AD Channel Planning 3.0

Option 3.4 — Complete up to 3 hours

COMMS409 AD Strategy - AD Strategy 3.0

COMMS436 PR Strategy - PR Strategy 3.0

Option 3.5 — Complete up to 3 hours

FHSS400 Civic Engage Leadership - Civic Engage Leadership 3.0

GCI300 Social Impact - Social Impact 3.0

MKTG201 Marketing Management - Marketing Management 3.0

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

(NOTE: a course taken to fulfill Requirement 2 may not double count for Requirement 3)

Requirement 4 — Complete 2 of 8 Courses

COMMS301 Media History and Culture - Media History and Culture 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS351 Media Tech & Audiences - Media Tech & Audiences 3.0

COMMS411 Media Effects and Health - Media Effects and Health 3.0

COMMS416 - Civic Communication and Public 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

COMMS482 Religion, Media, and Society - Religion, Media, and Society 3.0

Communications (BA): Journalism and Sports Media Emphasis*

Program Information

Minimum Credit Hours
42

Maximum Credit Hours
42

Major Academic Plan

MAP - BA in Communications - Jounalism and Sports Media 2026-2027.docx

Learning Outcomes

Title
Effective Communication

Learning Outcome
Students will be able to communicate effectively with their audiences. Specifically, students will do so by planning and preparing mass communication messages in the appropriate style, using the appropriate research methods and appropriate technologies to best serve audience needs.

Title
Professional Practice

Learning Outcome
Students will act professionally in their practice. Specifically, students will be able to practice communication within legal boundaries, while exhibiting standards of professional behavior and demonstrating sensitivity to ethical behavior. Students will also be literate in the language of the media industries.

Title
Mass Communication Process

Learning Outcome
Students will be scholars of the mass communication process. Specifically, students will be able to apply relevant theory to communication practice, understand factors that shape their profession, value freedom of speech in the marketplace of ideas, and think critically about the relationship between mass media and society.

Title
Applying Gospel-Centered Values

Learning Outcome
Students will be able to apply Gospel-centered values as they contribute to society. Specifically, students will respect diversity and agency in a global society, be able to exercise moral reasoning when faced with ethical dilemmas, and show a commitment to making a difference within their sphere of influence.

Program Requirements

All students must take a campus writing course before applying for admission to the major. Our WRTG 150 requirement must be fulfilled by WRTG 150, ELANG 150, M COM 320, an Advanced Written and Oral Communication GE course (WRTG 311, WRTG 312, WRTG 313, WRTG 315 or WRTG 316) or an equivalent transfer course (Transfer classes from other universities must be cleared by the advisement center prior to applying to the program). **We do not accept AP English credits or English 115.**

Note: Students must receive a B grade or better to be eligible to apply for admission to the program.

Requirement 1 — Complete 3 Courses

Note: Students must receive a B grade or better in each course to be eligible to apply to the program.

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

COMMS239 Intro to Storytelling - Intro to Storytelling 3.0

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Requirement 2 — Complete 2 Courses

Complete the following: (Comms 300 and Comms 304 may be taken during the semester in which students apply for admission to the major.)

COMMS300 Media Law & Responsibility - Media Law & Responsibility 3.0

COMMS304 Media Ethics - Media Ethics 3.0

Requirement 3 — Complete 1 Course

After admission to the major, complete the following:

COMMS306 Sports Media Research - Sports Strategies and Research 3.0

COMMS308 Resrch Methods for Journalism - Resrch Methods for Journalism 3.0

Requirement 4 — Complete 1 Course

COMMS305 Foundations of Journalism - Foundations of Journalism 3.0

Requirement 5 — Complete 2 Courses

COMMS312 Digital Media Production - Digital Media Production 1.5

COMMS365 Photojournalism - Photojournalism 1.5

Requirement 6 — Complete 1 of 2 Courses

COMMS321 Multimedia Reporting - Multimedia Reporting 3.0

Requirement 7 — Complete 1 of 2 Courses

COMMS325 Video Reporting - Video Reporting 3.0

COMMS386 Sports Communication - Sports Communication 3.0

Requirement 8 — Complete 1 Course

COMMS490 Media Innovations Capstone - Media Innovations Capstone 3.0

Requirement 9 — Complete 2 of 7 Courses

COMMS301 Media History and Culture - Media History and Culture 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS351 Media Tech & Audiences - Media Tech & Audiences 3.0

COMMS411 Media Effects and Health - Media Effects and Health 3.0

COMMS416 - Civic Communication and Public 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

COMMS482 Religion, Media, and Society - Religion, Media, and Society 3.0

Requirement 10 — Complete 1 of 4 Options

Option 10.1 — Complete 3 hours

Internship: After consulting with an advisor, complete an internship in conjunction with 3 hours of the following:

COMMS496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 4.0v

Note: The following prerequisite courses must be taken before the internship experience: Comms 306 or Comms 308; Comms 321

Option 10.2 — Complete 3 hours

Faculty Mentored Research Practicum: Conducting research in a mentored environment with a faculty-sponsored research project. After consulting with a faculty advisor, complete a mentored research practicum in conjunction with 3 hours of the following:

COMMS497R Mentored Research Practicum. - Mentored Research Practicum. - *You may take up to 3.0 credit hours* 1.0

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 10.3 — Complete 3 hours

Faculty Mentored Projects in Communication: After consulting with a faculty advisor, complete a mentored communication project in conjunction with 3 hours of the following:

COMMS498R Projects in Communications - Projects in Communications - *You may take up to 3.0 credit hours* 0.5v

Note: It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Option 10.4 — Complete 3 hours

School of Communications Labs: After consulting with your sequence's professional faculty and lab manager, complete a mentored lab experience in conjunction with 3 hours of the following:

COMMS491R Student Media Labs - Student Media Labs - *You may take up to 3.0 credit hours* 1.0v

Note: It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

Music (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
21

Learning Outcomes

Title
Western European Musical Traditions

Learning Outcome
Students will receive an overview to Western European musical traditions including its theory history and repertoire

Title
Music as culture

Learning Outcome
Students will experience a brief introduction of music as representative of culture

Title
Applied performance

Learning Outcome
Students will gain practical experience through applied performance instruction and ensemble participation

Program Requirements

The School of Music requires a minimum of 10 hours of music credit to be taken in residence at BYU's Provo campus for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 2 Courses

Intro to Western European music courses:

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC101 Introduction to Music - Introduction to Music 3.0

Requirement 2 — Complete 1 of 4 Courses

Surveys of Western European culture and arts courses:

IHUM201 Western Humanities 1 - Western Humanities 1 3.0

IHUM202 Western Humanities 2 - Western Humanities 2 3.0

MUSIC201 Civilization: Music 1 - Civilization: Music 1 3.0

MUSIC202 Civilization: Music 2 - Civilization: Music 2 3.0

Requirement 3 — Complete 1 of 2 Courses

Music in/as culture courses:

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

Requirement 4 — Complete 1 Course

Conducting course:

MUSIC135 Basic Conducting - Basic Conducting 2.0

Requirement 5 — Complete 4 hours

Applied lessons:

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

Requirement 6 — Complete 4 hours

Performance ensemble courses:

MUSIC311R University Chorale - University Chorale - *You may take up to 4.0 credit hours* 1.0

MUSIC312R Men's Chorus - Men's Chorus - *You may take up to 4.0 credit hours* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take up to 4.0 credit hours* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take up to 4.0 credit hours* 1.0

MUSIC315R University Singers - University Singers - *You may take up to 4.0 credit hours* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take up to 4.0 credit hours* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take up to 4.0 credit hours* 0.5v

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC321R University Orchestra - University Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC322R University Band - University Band - *You may take up to 4.0 credit hours* 1.0

MUSIC323R Marching Band - Marching Band - *You may take up to 4.0 credit hours* 1.0

MUSIC324R Cougar Band - Cougar Band - *You may take up to 4.0 credit hours* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take up to 4.0 credit hours* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take up to 4.0 credit hours* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC330R Steel Band - Steel Band - *You may take up to 4.0 credit hours* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours* 1.0

MUSIC332R YA Show Band - YA Show Band - *You may take once* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC334R Synthesis - Synthesis - *You may take up to 4.0 credit hours* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take up to 4.0 credit hours* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take up to 4.0 credit hours* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take up to 4.0 credit hours* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take once* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take up to 4.0 credit hours* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take up to 4.0 credit hours* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take up to 4.0 credit hours* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take up to 4.0 credit hours* 1.0

Music (BA) *

Program Information

Minimum Credit Hours
51

Maximum Credit Hours
60

Major Academic Plan
MAPS - BA in Music 2026-2027.docx

Learning Outcomes

Title
Music History and Theory

Learning Outcome
Show mastery of the basic cultural and historical background of Western civilization and the important musical styles that have emerged therefrom.

Title
Performance and Musicianship

Learning Outcome
Show proficiency in performance on an instrument or voice.

Title
Personalized Program Plan

Learning Outcome
Demonstrate ability to connect their music training to their broader personal goals whether in music or in another discipline.

Program Requirements

See the college advisement center to obtain information concerning official acceptance into a specific degree program.

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 9 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2- Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *(Section 2: Group for Experimental Music only) You may take once* 1.0

Courses used to fulfill Requirement 3 may not be used to fulfill other requirements.

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6— Complete 1 of 2 Options

Option 6.1 — Complete 8 hours

Instrumentalists and Contemporary Vocalists:

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Option 6.2 — Complete 8 hours

Classical Vocalists: (Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.)

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of ensemble each semester for four semesters (determined by the student's major instrumental teacher or by choral audition - not by the student). (A) complete 2-3 hours from the Category 1 Approved Large Ensembles (B) complete 1-2 hours from the Category 2 Other Approved Ensembles. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 8 — Complete 1 of 3 Options

Consult with the Associate Director of Undergraduate Studies in the School of Music to create a plan for the completion of Requirement 8.

Option 8.1 — Complete 3 Requirements

Requirement 8.1.1 — Complete 1 of 2 Options

Option 8.1.1.1 — Complete 4 hours

Instrumentalists:

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

Option 8.1.1.2 — Complete 4 hours

Classical Vocalists: (Note: Concurrent registration in Music 360R: Voice and Music 362R: Diction Lab is required.)

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 3.0 credit hours* 0.5v

MUSIC362R Diction Lab 2 - Diction Lab 2 - *You may take up to 1.0 credit hour* 0.5

Requirement 8.1.2 — Complete 1 Course

Enroll in Music 349 (0 credit hours) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A pre-recital hearing is required at least three weeks before juried recitals.

MUSIC349 Junior Recital - Junior Recital 0.0

Requirement 8.1.3 — Obtain confirmation from your advisement center that you have completed the following:

After written approval of the BA faculty advisor, complete 2 hours of music electives. Note: Additional credits of Music 360R and Music 262R not used to fulfill Requirement 8.1.1 may count toward Requirement 8.1.3.

Option 8.2 — Complete 2 Requirements

Requirement 8.2.1 — Obtain confirmation from your advisement center that you have completed the following:

After written approval of the BA faculty advisor, complete 6 hours of elective courses.

Requirement 8.2.2 — Complete 1 Course

MUSIC490 BA Music Capstone - BA Music Capstone 3.0

Option 8.3 — Complete 1 Requirement

Requirement 8.3.1 — Obtain confirmation from your advisement center that you have completed the following:

Complete an approved minor outside of Music. Note: Chosen minor may not be a music minor, and must be completed as part of your graduation requirements.

Requirement 8.3.2 —Obtain confirmation from your advisement center that you have completed the following:

Complete 15 credit hours of BA Faculty Advisor-approved courses in a concentrated area of study outside of music.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - R*ecommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times*1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times*1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times*1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take three times* 1.0

Category 2: Other Approved Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra- - *You may take two times* 1.0

MUSIC323R Marching Band - Marching Band - *You may take two times* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take two times* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take two times* 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC333R Vocal Jazz Ensemble - Vocal Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra- Chamber Orchestra - *You may take two times* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take two times* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take two times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take two times* 1.0

Music Composition (BM) *

Program Information

Minimum Credit Hours
78

Maximum Credit Hours
78

Major Academic Plan
MAPS - BM in Music Composition 2026-2027.docx

Learning Outcomes

Title
Composition

Learning Outcome
Compose music with modern contemporary or experimental music vocabularies rooted in historical principles.

Title
Colors

Learning Outcome
Write for diverse color combinations including orchestral vocal and electroacoustic resources.

Title
Concert

Learning Outcome
Prepare and present a juried recital of their own music during their senior year.

Title
Canon

Learning Outcome
Expand and deepen one's knowledge of the contemporary canon of serious composition.

Program Requirements
Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC441R New Music Ensemble - *(Section 2: Group for Experimental Music only) You may take once* 1.0

Courses used to fulfill Requirement 3 may not be used to fulfill other requirements.

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 1 of 2 Options

Option 6.1 — Complete 8 hours

Instrumentalists and Contemporary Vocalists:

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Option 6.2 — Complete 8 hours

Classical Vocalists:

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

Note: Concurrent registration in Music 260R: Classical Voice is required for Music 262R: Diction Lab 1.

Requirement 7— Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of ensemble each semester for four semesters, including 1-3 hours from Category 1: Approved Large Ensembles and 1-3 hours from Category 2 ensembles. A list of Approved Ensembles is included in Appendix A at the end of this document. At least 1 of the hours for Category 2 must be from MUSIC441R - New Music Ensemble.

Requirement 8 — Complete 4 hours

MUSIC187R Composition - Composition - *You may take 4 times* 1.0

Requirement 9 — Complete 1 Course

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

Requirement 10 — Complete 4 hours

MUSIC387R Composition Seminar. - Composition Seminar. - *You may take up to 4.0 credit hours* 0.5

Requirement 11 — Complete 6 hours

Students must pass a juried portfolio review prior to enrolling in Music 388R.

MUSIC388R Advanced Composition - Advanced Composition - *You may take up to 6.0 credit hours* 1.5

Requirement 12 —Complete 4 Courses

MUSIC395 Music Analysis - Music Analysis 2.0

MUSIC481 Orchestration 1 - Orchestration 1 3.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

Requirement 13 — Complete 1 of 2 Courses

MUSIC581 Orchestration 2 - Orchestration 2 3.0

MUSIC582 Composer-Performer Studies - Composer-Performer Studies 3.0

Requirement 14 — Complete 1 Requirement

Recital:

Present a juried composition recital (Music 449) during the senior year.

Enroll in Music 449 (1 credit hour) for the semester during which a recital is to be presented. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 14.1 — Complete 1 Course

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take three times* 1.0

Category 2: Other Approved Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - *You may take once* 1.0

MUSIC323R Marching Band - Marching Band - *You may take two times* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take two times* 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Vocal Jazz Ensemble - Vocal Jazz Ensemble - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take two times* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take two times* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take two times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *(Section 2: Group for Experimental Music only) You may take three times* 1.0

Music Education (BM): K-12 Instrumental Emphasis

Program Information

Minimum Credit Hours
93

Maximum Credit Hours
93

Major Academic Plan
MAPS - BM in Music Education K-12 Instrumental 2026-2027.docx

Learning Outcomes

Title
Effective Pedagogy, Philosophy, and Practice

Learning Outcome
Students will function as competent educators with a secure grasp of effective pedagogical practice grounded in sound teaching philosophy and carefully considered curricular and instructional priorities.

Title
Effective Communication

Learning Outcome
Students will demonstrate effective interpersonal and communication skills, especially the ability to connect with students.

Title
Music Teaching Strategies and Materials

Learning Outcome
Students will demonstrate a knowledge of a broad array of skills, strategies, methodologies, and materials related to music teaching.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Course

Proficiency requirements: Present a juried recital (Music 349) in the last semester of private instruction. Students must prepare a minimum of 25 minutes of music to be performed in a formal public recital. Students will schedule a joint recital with one other music major, or they may present a full recital if encouraged to do so by their major instructor.

MUSIC349 Junior Recital - Junior Recital 0.0

Requirement 2 — Complete 14 Courses

Lower-division music core courses:

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 3 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 4 — Complete 4 hours

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Music education majors must enroll in at least 1 hour of approved large ensemble each semester for seven semesters. Those who play woodwind, brass, or percussion instruments must enroll in one semester of marching band, which may be counted toward the 7-hour large ensemble requirement if it is completed after the student has been officially accepted as a degree candidate in instrumental music education (after freshman year).

Requirement 6 — Complete 4 Courses

Upper-division music core courses:

MUSIC301 Music History: Overview - Music History: Overview 2.0

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC395 Music Analysis - Music Analysis 3.0

Requirement 7 — Complete 1 of 2 Courses

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 8 — Complete 10 Courses

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC380C Tech for Music Ed Woodwinds - Tech for Music Ed Woodwinds 1.0

MUSIC380D Tech for Music Ed Dbl Reeds - Tech for Music Ed Dbl Reeds 1.0

MUSIC380B Techniques for Music Ed Brass - Techniques for Music Ed Brass 1.0

MUSIC380H Techniques for Mus Ed Strings - String Workshop 1.0

MUSIC375B String Workshop - String Workshop 1.0

MUSIC283 Found of Teaching Instruments - Found of Teaching Instruments 2.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

Requirement 9 — Complete 1 of 2 Options

Option 9.1 — Complete 1 Course

Non-percussionists:

MUSIC374 Percussion Wrkshp - Tech for Choral Mus Ed Perc 1.0

Option 9.2 — Complete 2 Courses

Percussionists:

MUSIC273A Percussion Techniques - Percussion Techniques 0.5

MUSIC273B Percussion Techniques - Percussion Techniques 0.5

Requirement 10 — Complete 2 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 10.1 — Complete 4 Courses

Note: FBI fingerprint and background clearance must be completed prior to enrollment in Music 276.

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Requirement 10.2 — Complete 12 hours

Note: All professional education courses (above) and Music 260R and 363 credits must be completed before student teaching (Music 476).

MUSIC476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

Music Education (BM)*

Program Information

Minimum Credit Hours
88

Maximum Credit Hours
92

Major Academic Plan
MAPS - BM in Music Education 2026-2027.docx

Learning Outcomes

Title
1. Effective Pedagogy, Philosophy, and Practice

Learning Outcome
Students will function as competent educators with a secure grasp of effective pedagogical practice grounded in sound teaching philosophy and carefully considered curricular and instructional priorities.

Title
2. Effective Communication

Learning Outcome
Students will demonstrate effective interpersonal and communication skills, especially the ability to connect with students.

Title
3. Music Teaching Strategies and Materials

Learning Outcome
Students will demonstrate a knowledge of a broad array of skills, strategies, methodologies, and materials related to music teaching.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 2 Requirements

Musicianship core:

Option 1.1 — Complete 9 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 of 3 Courses

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Courses used to fulfill Requirement 3 may not be used to fulfill other requirements.

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 2.0 credit hours. Must be a secondary instrument.* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Courses used to fulfill Requirement 4 may be used to fulfill other requirements

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 1 of 2 Options

Option 6.1 — Complete 12 hours

Instrumentalists (on your primary instrument):

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 4.0 credit hours* 0.5v

Option 6.2 — Complete 8 hours

Vocalists:

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1: English - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

NOTE: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab 1 is required.

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete one hour of approved ensemble participation each semester in the program (with the exception of the semester of student teaching) with a minimum of 7.0 credit hours. At least 6.0 credit hours must be from Category I: Approved Large Ensembles on the student's primary instrument. One (1.0) credit hour may be from an Approved Category II ensemble on the student's primary instrument or secondary instrument. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 8 — Complete 1 of 2 Options

Proficiency Requirements: Present a juried recital (Music 249) in the last semester of private instruction on their primary instrument. Students must prepare a minimum of 18 minutes (for vocalists) and 25 minutes (for instrumentalists) of music to be performed in a formal public recital. Students will schedule a joint recital in groups of three or fewer.

Option 8.1 — Complete 1 Course

Vocalists only.

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

Option 8.2 — Complete 1 Course

Instrumentalists only.

MUSIC349 Junior Recital - Junior Recital 0.0

Requirement 9 — Complete 5 Courses

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC282 Found of Teaching Vocalists - Found of Teaching Vocalists 2.0

MUSIC283 Found of Teaching Instruments - Found of Teaching Instruments 2.0

Requirement 10 — Complete 1 of 3 Courses

MUSIC381 Art of Teaching Children Music - Art of Teaching Children Music 3.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

Requirement 11 — Complete 3 of 9 Courses

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC380A Techniques for Mus Ed Voice - Techniques for Mus Ed Voice 1.0

MUSIC380B Techniques for Music Ed Brass - Techniques for Music Ed Brass 1.0

MUSIC380C Tech for Music Ed Woodwinds - Tech for Music Ed Woodwinds 1.0

MUSIC380D Tech for Music Ed Dbl Reeds - Tech for Music Ed Dbl Reeds 1.0

MUSIC380E Tech for Choral Mus Ed Perc - Tech for Choral Mus Ed Perc 1.0

MUSIC380F Tech for Instrum Music Ed Perc - Tech for Instrum Music Ed Perc 1.0

MUSIC380G Techniques for Mus Ed Guitar - Techniques for Mus Ed Guitar 1.0

MUSIC380H Techniques for Mus Ed Strings - Techniques for Mus Ed Strings 1.0

Requirement 12 — Complete 3 hours

Choose from the following list of electives. Note: MUSIC 160R Must be a secondary instrument.

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 1 credit hour* 0.5v

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC370 Musical Theater Pedagogy - Musical Theater Pedagogy and Vocal Technique 1.0

MUSIC380A Techniques for Mus Ed Voice - Techniques for Mus Ed Voice 1.0

MUSIC380B Techniques for Music Ed Brass - Techniques for Music Ed Brass 1.0

MUSIC380C Tech for Music Ed Woodwinds - Tech for Music Ed Woodwinds 1.0

MUSIC380D Tech for Music Ed Dbl Reeds - Tech for Music Ed Dbl Reeds 1.0

MUSIC380E Tech for Choral Mus Ed Perc - Tech for Choral Mus Ed Perc 1.0

MUSIC380F Tech for Instrum Music Ed Perc - Tech for Instrum Music Ed Perc 1.0

MUSIC380G Techniques for Mus Ed Guitar - Techniques for Mus Ed Guitar 1.0

MUSIC380H Techniques for Mus Ed Strings - Techniques for Mus Ed Strings 1.0

MUSIC381 Art of Teaching Children Music - Art of Teaching Children Music 3.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC383 Art of Teaching Instrumental - Art of Teaching Instrumental 3.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC494R Indepndnt Readings - Indepndnt Readings - *You may take up to 1.0 credit hour* 0.5v

MUSIC535R Instr Conduct & Error Detect - Instr Conduct & Error Detect - *You may take once* 2.0

MUSIC576 Fund&Tech Marching Band - Fund&Tech Marching Band 2.0

NOTE: Courses used to fulfill Requirement 12 may also be used to fulfill Requirement 4, but no other requirements.

Requirement 13 — Complete 4 Courses

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Requirement 14 — Complete 12 hours

MUSIC476 Secondary Student Teaching - Secondary Student Teaching 12.0

All major requirements (music and education courses) must be completed prior to student teaching.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis *Recommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Approved Category I Large Ensembles

MUSIC311R University Chorale - University Chorale - *You may take seven times* 1.0

MUSIC312R Men's Chorus- Men's Chorus - *You may take seven times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take seven times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take seven times* 1.0

MUSIC315R University Singers- University Singers - *You may take seven times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take seven times* 1.0

MUSIC326R Wind Symphony- Wind Symphony - *You may take seven times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take seven times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take seven times* 1.0

Approved Category II Ensembles

MUSIC311R University Chorale - University Chorale - *You may take once* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take once* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take once* 1.0

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - *You may take 2 times* 1.0

MUSIC321R University Orchestra - University Orchestra - *You may take once* 1.0

MUSIC322R University Band - University Band - *You may take once* 1.0

MUSIC323R Marching Band - Marching Band - *You may take once* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take once* 1.0

MUSIC330R Steel Band - Steel Band - *You may take once* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take once* 1.0

MUSIC333R Jazz Lab Band - Jazz Ensemble - *You may take once* 1.0

MUSIC334R Synthesis - Synthesis - *You may take once* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take once* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take once* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take once* 1.0

Music Performance (BM): Vocal Emphasis

Program Information

Minimum Credit Hours
76

Maximum Credit Hours
77

Major Academic Plan
MAPS - BM in Music Performance Vocal 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 —Complete 11 Courses

Musicianship core:

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once. (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 2.0 credit hours. Must be a secondary instrument.* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC252 Music Technology 2 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 3.0

Requirement 5 — Complete 3 Requirements

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC 305 - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab 1 is required.

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

Requirement 7 — Complete 8 hours

Note: Concurrent registration in Music 360R: Classical Voice and Music 362R: Diction Lab 2 is required.

MUSIC360R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC362R Diction Lab 2 - Diction Lab 2 - *You may take up to 2.0 credit hours* 0.5

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete one hour of ensemble each semester for eight semesters, including: a) 2-6 hours from Category 1: Approved Large Ensembles. b) 1-6 hours of Music 316R: Opera Workshop c) 1-5 hours of Music 317R: Opera Ensemble. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 9 — Complete 3 Courses

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC402 Vocal Literature - Vocal Literature 3.0

MUSIC472 Supervised Teaching in Voice - Supervised Teaching in Voice 2.0

Requirement 10 — Complete 8 hours

FREN101 First-Year French, Part 1 - First-Year French, Part 1 4.0

FREN102 First-Year French, Part 2 - First-Year French, Part 2 4.0

GERM101 1st Year German - 1st Year German 4.0

GERM102 1st Year German - 1st Year German 4.0

ITAL101 1st-Year Italian, Part 1 - 1st-Year Italian, Part 1 4.0

ITAL102 1st-Year Italian, Part 2 - 1st-Year Italian, Part 2 4.0

Requirement 11 — Complete 1 Requirement

Recitals:

Pass a juried junior recital (Music 349) and a juried senior recital (Music 449).

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in Music 360R is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 11.1 — Complete 2 Courses

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Requirement 12 —Complete 1 hour

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC260R Performance Instruction - Contemporary Voice - *You may take once* 0.5v

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC370 Musical Theater Pedagogy - Musical Theater Pedagogy and Vocal Technique 1.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC505A Applied Literature - Vocal Literature 2.0

MUSIC505B Brass Literature - Brass Literature .2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

Courses used to fulfill Requirement 12 may not be used to fulfill other requirements.

Recommended Courses are not required to complete the program

DANCE164 Music for Movement - Music for Movement 0.5v

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning to set up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

Recommended Courses are not required to complete the program

Students intending to enter graduate school in voice should complete:

FREN101 First-Year French, Part 1 - First-Year French, Part 1 4.0

GERM101 1st Year German - 1st Year German 4.0

ITAL101 1st-Year Italian, Part 1 - 1st-Year Italian, Part 1 4.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take six times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take six times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take six times* 1.0

MUSIC315R University Singers - University Singers - *You may take six times* 1.0

Category 2: Other Approved Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take six times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take five times* 0.5v

Music Education (BM): K-12 Choral Emphasis

Program Information

Minimum Credit Hours
88

Maximum Credit Hours
88

Major Academic Plan
MAPS - BM in Music Education K-12 Choral 2026-2027.docx

Learning Outcomes

Title
Effective Pedagogy, Philosophy, and Practice

Learning Outcome
Students will function as competent educators with a secure grasp of effective pedagogical practice grounded in sound teaching philosophy and carefully considered curricular and instructional priorities.

Title
Effective Communication

Learning Outcome
Students will demonstrate effective interpersonal and communication skills, especially the ability to connect with students.

Title
Music Teaching Strategies and Materials

Learning Outcome
Students will demonstrate a knowledge of a broad array of skills, strategies, methodologies, and materials related to music teaching.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Course

Proficiency requirements: Present a juried recital (Music 249) in the last semester of private instruction. Students must prepare a minimum of 18 minutes of music to be performed in a formal public recital. Students will schedule a joint recital in groups of three or fewer.

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

Requirement 2 — Complete 14 Courses

Lower-division music core courses:

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 3 — Complete 1 Requirement

Requirement 3.1 — Complete 8 hours

Complete eight hours of lessons from the following:

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1: English - Diction Lab 1: English - *You may take up to 2.0 credit hours* 0.5

Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.

Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:

Music education majors must enroll in at least 1 hour of approved large ensemble each semester for seven semesters within student's area of specialization. At least 1 hour must be the Music 311R evening section.

Requirement 5 — Complete 4 Courses

Upper-division music core courses:

MUSIC301 Music History: Overview - Music History: Overview 2.0

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC395 Music Analysis - Music Analysis 3.0

Requirement 6 — Complete 1 of 2 Courses

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 7 — Complete 8 Courses

MUSIC176 Careers in Mus Ed - Careers in Mus Ed 1.0

MUSIC281 Found of Teach Children Music - Found of Teach Children Music 2.0

MUSIC278 Foundations of Music Teaching - Foundations of Music Teaching 2.0

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC374 Percussion Wrkshp - Percussion Wrkshp 1.0

MUSIC282 Found of Teaching Vocalists - Found of Teaching Vocalists 2.0

MUSIC382 Art of Teaching Vocalists - Art of Teaching Vocalists 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

Requirement 8 — Complete 2 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 8.1 — Complete 4 Courses

Note: FBI fingerprint and background clearance must be completed prior to enrolling in Music 276.

MUSIC276 Intro to Music Education - Intro to Music Education 3.0

MUSIC379 Pre-Student Teaching - Pre-Student Teaching 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ -Multicultural Educ 2.0

Requirement 8.2 — Complete 12 hours

Note: All professional education courses (above) and Music 260R and 363 credits must be completed before student teaching (Music 476).

MUSIC476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

Music Performance (BM): Piano Emphasis

Program Information

Minimum Credit Hours
76.5

Maximum Credit Hours
77.5

Major Academic Plan
MAPS - BM in Music Performance Piano 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 8 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *(Section 2: Group for Experimental Music only) You may take once* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument - You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Piano - Piano - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Complete 4 hours

MUSIC360R Piano - Piano - *You may take up to 4.0 credit hours* 0.5v

Requirement 8 — Complete 6 hours

MUSIC460R Piano - Piano - *You may take up to 6.0 credit hours* 1.5v

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete one hour of ensemble each semester for six semesters, including 2-4 hours from Category 1: Approved Large Ensembles (determined by the student's major instrumental teacher or by choral audition - not by the student) and 2-4 hours from Category 2 ensembles. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 10 — Complete 8 Courses

MUSIC165 Survey of the Great Pianists - Survey of the Great Pianists 0.5

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC265 Keyboard Fnds 2 - Keyboard Fnds 2 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC365 Piano Pedagogy - Piano Pedagogy 2.0

MUSIC403A Piano Literature - Piano Literature 2.0

MUSIC403B Piano Literature - Piano Literature 2.0

Requirement 11 — Complete 2 hours

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 2.0 credit hours* 1.0

Requirement 12 — Complete 2 hours

MUSIC115 Basic Organ Skills - Basic Organ Skills 2.0

MUSIC260R Organ - Organ - *You may take up to 2.0 credit hours* 0.5v

Requirement 13 — Complete 3 hours

MUSIC116R Organ Tech & Lit - Organ Tech & Lit - *You may take up to 2.0 credit hours* 2.0

MUSIC260R Organ - Organ - *You may take up to 2.0 credit hours* 0.5v

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 2.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

MUSIC595 Score Analysis - Score Analysis 2.0

Requirement 14 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

Enroll in Music 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

Requirement 14.1 — Complete 2 Courses

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers - University Singers - *You may take four times* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take four times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take four times* 0.5v

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - *You may take four times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

Category 2: Other Approved Ensembles

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take four times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take four times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take four times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take four times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take four times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take four times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take four times* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take four times* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take four times* 1.0

Music Performance (BM): Organ Emphasis

Program Information

Minimum Credit Hours
77

Maximum Credit Hours
77

Major Academic Plan
MAPS - BM in Music Performance Organ 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 9 Courses

Musicianship core:

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition- Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Organ - Organ - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Complete 4 hours

MUSIC360R Organ - Organ - *You may take up to 4.0 credit hours* 0.5v

Requirement 8 — Complete 6 hours

MUSIC460R Organ - Organ - *You may take up to 6.0 credit hours* 1.5v

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of Category 1: Approved Large Ensembles each semester for four semesters. MUSIC 319R or 344R may substitute for 1-2 of these hours. MUSIC 344R must be taken in consecutive fall and winter semesters. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 10 — Complete 6 Courses

MUSIC166 Organ Registration - Organ Registration 2.0

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC366 Organ Pedagogy - Organ Pedagogy 2.0

MUSIC404A Organ Literature - Organ Literature 2.0

MUSIC404B Organ Literature - Organ Literature 2.0

Requirement 11 — Complete 4 Courses

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC465A Organ Practicum - Organ Practicum 2.0

MUSIC465B Organ Practicum - Organ Practicum 2.0

MUSIC465C Organ Practicum - Organ Practicum 2.0

Courses used to fulfill Requirement 11 may be used to fulfill other requirements.

Requirement 12 — Complete 1 hour

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 1.0 credit hours* 1.0

Requirement 13 — Complete 1 of 2 Courses

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC583 16th-Century Counterpoint - 16th-Century Counterpoint 3.0

Requirement 14 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

Enroll in 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

Requirement 14.1 — Complete 2 Courses

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

MUSIC481 Orchestration 1 - Orchestration 1 3.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles:

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers- University Singers - *You may take four times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

Category 2: Other Approved Ensembles

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

Music Performance (BM): Combined Piano & Organ Emphasis

Program Information

Minimum Credit Hours
77

Maximum Credit Hours
77

Major Academic Plan
MAPS - BM in Music Performance Combined Piano & Organ 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 8 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 2.0 credit hours. Must be a secondary instrument* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance- Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music- Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz- History of Jazz 2.0

Requirement 6 — Complete 2 Requirements

Complete 8 hours of each of the following divided between piano and organ:

Requirement 6.1 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 6.2 — Complete 8 hours

MUSIC360R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of ensemble each semester for six semesters, including 2 to 4 hours from Category 1: Approved Large Ensembles and 2 to 4 hours of MUSIC 319R and/or 344R. MUSIC 344R must be taken in consecutive fall and winter semesters. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 8 — Complete 6 Courses

MUSIC166 Organ Registration - Organ Registration 2.0

MUSIC264 Keyboard Fdns 1 - Keyboard Fdns 1 2.0

MUSIC265 Keyboard Fnds 2 - Keyboard Fnds 2 2.0

MUSIC364 Keyboard Pedagogy - Keyboard Pedagogy 2.0

MUSIC365 Piano Pedagogy - Piano Pedagogy 2.0

MUSIC366 Organ Pedagogy - Organ Pedagogy 2.0

Requirement 9 — Complete 2 Courses

MUSIC465A Organ Practicum - Organ Practicum 1.0

MUSIC465B Organ Practicum - Organ Practicum 2.0

Requirement 10 — Complete 2 hours

MUSIC470R Keyboard Teaching Practicum - Keyboard Teaching Practicum - *You may take up to 2.0 credit hours* 1.0

Requirement 11 — Complete 3 of 4 Courses

MUSIC403A Piano Literature - Piano Literature 2.0

MUSIC403B Piano Literature - Piano Literature 2.0

MUSIC404A Organ Literature - Organ Literature 2.0

MUSIC404B Organ Literature - Organ Literature 2.0

Requirement 12 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 249) during the sophomore year. A juried senior recital (Music 449) is also required.

Enroll in 249 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

Requirement 12.1 — Complete 2 Courses

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC160R Performance Instruction - Performance Instruction - *You may take once Recommended to alternate between piano and organ under advisor's direction* 0.5v

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

MUSIC481 Orchestration 1 - Orchestration 1 3.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles:

MUSIC312R Men's Chorus - Men's Chorus - *You may take four times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take four times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take four times* 1.0

MUSIC315R University Singers - University Singers - *You may take four times* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take once* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - *You may take once* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take four times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take four times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take four times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take four times* 1.0

Category 2: Other Approved Ensembles

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take four times* 1.0

Music Performance (BM): Brass Emphasis

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
75

Major Academic Plan
MAPS - BM in Music Performance Brass 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Option 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Option 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Option 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Complete 12 hours

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 9 — Complete 1 Course

MUSIC368 Brass Pedagogy - Brass Pedagogy 2.0

Requirement 10 — Complete 2 Requirements

Requirement 10.1 — Complete 3 hours

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 3.0 credit hours* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take up to 3.0 credit hours* 1.0

Requirement 10.2 — Complete 1 hour

MUSIC462R Orchestral Excerpts: Brass - Orchestral Excerpts: Brass - *You may take up to 1.0 credit hours* 1.0

Requirement 11 — Obtain confirmation from your advisement center that you have completed the following:

Complete 5 hours of music electives. See faculty advisor.

Requirement 12 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 12.1 — Complete 2 Courses

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles:

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

Music Performance (BM): Percussion Emphasis

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
75

Major Academic Plan
MAPS - BM in Music Performance Percussion 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Complete 12 hours

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 9 — Complete 2 Courses

MUSIC273A Percussion Techniques - Percussion Techniques 0.5

MUSIC273B Percussion Techniques - Percussion Techniques 0.5

Requirement 10 — Complete 5 hours

MUSIC323R Marching Band - Marching Band - *You may take up to 5.0 credit hours* 1.0

MUSIC327R Percussion Chamber Music - Percussion Chamber Music - *You may take once* 1.0

MUSIC330R Steel Band - Steel Band - *You may take up to 5.0 credit hours* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 5.0 credit hours* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take up to 5.0 credit hours* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take up to 5.0 credit hours* 1.0

Requirement 11 — Obtain confirmation from your advisement center that you have completed the following:

Complete 5 hours of music electives. See faculty advisor.

Requirement 12 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 12.1 — Complete 2 Courses

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449R before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles:

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

Music Performance (BM): String Emphasis

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
76

Major Academic Plan
MAPS - BM in Music Performance String 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 2 Courses

Option 1.2.1 — Complete 1 Course

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

Option 1.2.2 — Complete 1 of 2 Courses

Harpists only

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once (Section 2: Group for Experimental Music only)* 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music - World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 2.0v

Requirement 7 — Complete 12 hours

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 3.0v

Requirement 8 — Complete 1 of 3 Options

A list of Approved Ensembles is included in Appendix A at the end of this document.

Option 8.1 — Complete 8 hours

Violin, Viola, Cello, and Bass: Complete 1 hour of Category 1 Approved Large Ensembles for Strings each semester for eight semesters (determined by the student's major instrumental teacher--not by the student).

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take 8 times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take 8 times* 1.0

Option 8.2 — Obtain confirmation from your advisement center that you have completed the following:

Guitar: Complete 4.0 hours of Guitar Ensemble (Music 343R) and four semesters of Category 1: Approved Large Ensembles.

Option 8.3 — Obtain confirmation from your advisement center that you have completed the following:

Harp: Complete eight semesters of Category 1: Approved Large Ensembles for Harpists.

Requirement 9 — Complete 1 Requirement

Complete section A, B, C, D, or E, depending on your instrument.

Requirement 9.1 — Complete 1 of 5 Courses

MUSIC369A String Pedagogy: Violin/Viola - String Pedagogy: Violin and Viola 2.0

MUSIC369B String Pedagogy: Bass - String Pedagogy: Bass 2.0

MUSIC369C String Pedagogy: Cello - String Pedagogy: Cello 2.0

MUSIC369D String Pedagogy: Harp - String Pedagogy: Harp 2.0

MUSIC369E String Pedagogy: Guitar - String Pedagogy: Guitar 2.0

Requirement 10 — Complete 2 Courses

Harpists should register for the sections designated for harp.

MUSIC406 String Literature - String Literature 2.0

MUSIC467 String Teaching Practicum - String Teaching Practicum 1.0

Requirement 11 — Complete 1 of 3 Options

Option 11.1 — Complete 4 hours

Violin, Viola, Cello, and Bass:

MUSIC346R String Chamber Music - String Chamber Music - *You may take up to 4.0 credit hours* 1.0

Option 11.2 — Complete 4 Hours

Guitar:

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours*1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take up to 4.0 credit hours*1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take up to 4.0 credit hours* 1.0

Option 11.3 — Complete 2 Requirements

Harp:

Group 11.3.1 — Complete 3 Courses

MUSIC123 Harp Prep for Large Ensemble - Harp Prep for Large Ensemble 1.0 - *Requirement: student must be concurrently enrolled in an approved large ensemble*

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take once* - audition-only section 1.0

MUSIC462R Orchstrl Excerpts: Harp- Orchestral Excerpts: Harp - *You may take once* 1.0

Group 11.3.2 — Complete 1 hour

MUSIC346R String Chamber Music - String Chamber Music - *You may take once* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take once* 1.0

Requirement 12 — Complete 1 Option

Option 12.1 — Complete 2 hours

Violin, Viola, Cello, and Bass:

MUSIC319R Baroque Ensemble - Baroque Ensemble - *You may take up to 2.0 credit hours* 1.0

MUSIC462R Orchestral Excerpts: Violin- Orchestral Excerpts: Violin - *You may take up to 2.0 credit hours* 1.0

Option 12.2 — Obtain confirmation from your advisement center that you have completed the following:

Guitar

Guitarists should complete two hours of music electives.

Option 12.3 — Complete 2 Courses

Harp:

MUSIC223 Jazz Harp Techniques - Jazz Harp Techniques 1.0

MUSIC423 Harp Arranging and Trans. - Harp Arranging and Trans. 1.0

Requirement 13 — Complete 2 Requirements

Recitals:

With performance instructor's advisement and consent, present a juried recital (Music 249 or 349) during the sophomore or junior year. A juried senior recital (Music 449) is also required of all students.

Enroll in Music 249 or 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 13.1 — Complete 1 of 2 Courses

Harpists must choose MUSIC 249.

MUSIC249 Sophomore Recital - Sophomore Recital 0.0

MUSIC349 Junior Recital- Junior Recital 0.0

Requirement 13.2 — Complete 1 Course

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

Recommended Courses are not required to complete the program

Harpists only.

MUSIC331R Jazz Combos - Jazz Combos - *You may take once* 1.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles for Strings

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take 8 times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take 8 times* 1.0

Category 1: Approved Large Ensembles for Guitarists

MUSIC312R Men's Chorus - Men's Chorus - *You may take 4 times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take 4 times* 1.0

MUSIC321R University Orchestra - University Orchestra - *You may take 4 times* 1.0

MUSIC322R University Band - University Band - *You may take 4 times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take 4 times* 1.0

MUSIC334R Synthesis - Synthesis - - *You may take 4 times* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take 4 times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take 4 times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take 4 times* 1.0

Category 1: Approved Large Ensembles for Harpists

MUSIC321R University Orchestra - University Orchestra - *You may take 8 times* 1.0

MUSIC321R University Orchestra - University Orchestra - *You may take 8 times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take 8 times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take 8 times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take 8 times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take 8 times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take 8 times* 1.0

Music Performance (BM): Woodwind Emphasis

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
75

Major Academic Plan
MAPS - BM in Music Performance Woodwind 2026-2027.docx

Learning Outcomes

Title
Performance Preparation

Learning Outcome
Prepare performances at the highest possible level, including continual increase in technical proficiency, and gain a working knowledge of standard repertoire.

Title
Performance Practice

Learning Outcome
Demonstrate command of performance practice from the major stylistic periods as appropriate to the instrument/voice.

Title
Music Pedagogy

Learning Outcome
Understand and apply the principles of music pedagogy, as demonstrated in private lessons and masterclasses.

Program Requirements

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 1 hour

Creativity core:

MUSIC184 Improvisation - Improvisation 1.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC187R Composition - Composition - *You may take once* 1.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once.* (Section 2: Group for Experimental Music only) 1.0

Requirement 4 — Complete 2 hours

Practical core:

MUSIC160R Performance Instruction - Performance Instruction - *You may take up to 2.0 credit hours. Must be a secondary instrument.* 0.5v

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC310 Comm Engage & Lead in Music - Comm Engage & Lead in Music 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

Courses used to fulfill Requirement 4 may be used to fulfill other requirements.

Requirement 5 — Complete 3 Requirements

History & culture core:

Requirement 5.1 — Complete 1 Course

MUSIC301 Music History: Overview - Music History: Overview 2.0

Requirement 5.2 — Complete 2 of 4 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - Music History: Romantic 2.0

MUSIC305 Music History: 20th-21st c - Music History: 20th-21st c 2.0

Requirement 5.3 — Complete 1 of 3 Courses

MUSIC306 Classical Music in Pop Culture - Classical Music in Pop Culture 2.0

MUSIC307 World Music- World Music 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 6 — Complete 8 hours

MUSIC260R Performance Instruction - Performance Instruction - *You may take up to 8.0 credit hours* 0.5v

Requirement 7 — Complete 12 hours

MUSIC460R Performance Instruction - Performance Instruction - *You may take up to 12.0 credit hours* 1.5v

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete 1 hour of Category 1: Approved Large Ensembles each semester for eight semesters. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 9 — Complete 1 Course

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

Requirement 10 — Complete 1 Requirement

Requirement 10.1 — Complete 4 hours

MUSIC331R Jazz Combos - Jazz Combos - *You may take up to 4.0 credit hours 1.0*

MUSIC348R Woodwind Chamber Music - Woodwind Chamber Music - *You may take up to 4.0 credit hours 1.0*

Note: 331R is for Saxophones only.

Requirement 11 — Obtain confirmation from your advisement center that you have completed the following:

Complete 5 hours of music electives. See faculty advisor.

Requirement 12 — Complete 1 Requirement

Recitals:

Present a juried recital (Music 349) during the junior year. A juried senior recital (Music 449) is also required.

Enroll in Music 349 (0.0 credit hours) or 449 (1.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information. See supervisor of accompanying regarding guidelines for accompanist fees.

Requirement 12.1 — Complete 2 Courses

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC449 Senior Recital - Senior Recital 1.0

Note: Students must register for 449 before applying for graduation.

Recommended Courses are not required to complete the program

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship - *Recommended for those planning on setting up a private studio* 3.0

MUSIC395 Music Analysis - Music Analysis - *Recommended for those planning to pursue a graduate music degree* 2.0

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles:

MUSIC325R Symphonic Band - Symphonic Band - *You may take eight times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take eight times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take eight times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take eight times* 1.0

Commercial Music (BM) *

Program Information

Minimum Credit Hours
75

Maximum Credit Hours
76

Major Academic Plan
MAPS - BM in Commercial Music 2026-2027.docx

Learning Outcomes

Title
Technology

Learning Outcome
Students will be able to utilize the latest technological developments and industry-standard production, recording, and mixing techniques to produce meaningful, high-quality professional-level projects.

Title
Production and Performance

Learning Outcome
Students will be able to produce and perform meaningful, high-quality professional-level projects and performances in a variety of genres, contexts, venues, and distribution channels.

Title
Application

Learning Outcome
Students will be able to apply numerous business, production, and performance skills and techniques to effectively guide projects through from conception to completion.

Title
Creativity, Discernment, and Purpose

Learning Outcome
Students will be able to effectively evaluate their projects and performances to determine the potential impact for good that their artistic endeavors may have on individuals, families, communities, the profession, the Church, and the world at large.

Program Requirements

Requirement 1 — Complete 2 Requirements

Musicianship core:

Requirement 1.1 — Complete 10 Courses

MUSIC193 Aural Skills 1 - Aural Skills 1 1.0

MUSIC194 Aural Skills 2 - Aural Skills 2 1.0

MUSIC197 Sight Singing 1 - Sight Singing 1 0.5

MUSIC198 Sight Singing 2 - Sight Singing 2 0.5

MUSIC221 Functional Piano Skills 1 - Functional Piano Skills 1 2.0

MUSIC222 Functional Piano Skills 2 - Functional Piano Skills 2 2.0

MUSIC293 Aural Skills 3 - Aural Skills 3 1.0

MUSIC294 Aural Skills 4 - Aural Skills 4 1.0

MUSIC297 Sight Singing 3 - Sight Singing 3 0.5

MUSIC298 Sight Singing 4 - Sight Singing 4 0.5

Requirement 1.2 — Complete 1 of 2 Courses

MUSIC235A Instrumental Conducting Techn - Instrumental Conducting Techn 2.0

MUSIC235B Choral Conducting Techniques - Choral Conducting Techniques 2.0

Requirement 2 — Complete 4 Courses

Literacy & analysis core:

MUSIC195 Music Theory 1 - Music Theory 1 3.0

MUSIC196 Music Theory 2 - Music Theory 2 3.0

MUSIC295 Music Theory 3 - Music Theory 3 3.0

MUSIC296 Music Theory 4 - Music Theory 4 3.0

Requirement 3 — Complete 2 Requirements

History & culture core:

Requirement 3.1 — Complete 2 Courses

MUSIC301 Music History: Overview - Music History: Overview 2.0

MUSIC308 History of Jazz - History of Jazz 2.0

Requirement 3.2 — Complete 2 of 5 Courses

MUSIC302 Music History: Baroque - Music History: Baroque 2.0

MUSIC303 Music History: Classic - Music History: Classic 2.0

MUSIC304 Music History: Romantic - History of Western Music: Romantic 2.0

MUSIC305 Music History: 20th-21st c - History of Western Music: 20th and 21st Centuries 2.0

MUSIC306 Classical Music in Pop Culture - Classical Music in Popular Culture 2.0

Requirement 4 — Complete 1 of 2 Requirements

Option 4.1 — Complete 8 hours

Instrumentalists and Contemporary Vocalists:

MUSIC260R Performance Instruction - Performance Instruction - - *You may take 6 times* 0.5v

Option 4.2 — Complete 8 hours

Classical Vocalists: (Note: Concurrent registration in Music 260R: Classical Voice and Music 262R: Diction Lab is required.)

MUSIC260R Classical Voice - Classical Voice - *You may take up to 6.0 credit hours* 0.5v

MUSIC262R Diction Lab 1 - Diction Lab 1 - *You may take up to 2.0 credit hours* 0.5

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Guitarists, pianists, and Music Tech studio:

Complete one hour of ensemble each semester for four semesters. Ensembles can be chosen from Category 1 or Category 2.

All other instruments and vocalists:

Complete one hour of ensemble each semester for four semesters, including 2-3 hours from Category 1 ensembles and 1-2 hours from Category 2 ensembles. A list of Approved Ensembles is included in Appendix A at the end of this document.

Requirement 6 — Complete 1 of 2 Options

Option 6.1 — Complete 3 Requirements

Production track.

Requirement 6.1.1 — Complete 6 Courses

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC252 Music Technology 2 - Music Technology 2 2.0

MUSIC256 Recording Studio 1 - Recording Studio 1 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

MUSIC389 Projects in Commercial Music - Projects in Commercial Music 2.0

Requirement 6.1.2 — Complete 2 hours

MUSIC399R Academic Internship - Academic Internship - *You may take up to 2.0 credit hours* 6.0v

Requirement 6.1.3 — Complete 17 hours

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC184 Improvisation - Improvisation 1.0

MUSIC187R Composition - Composition - *You may take up to one credit hour* 1.0

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC257 Recording Studio 2 - Recording Studio 2 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC307 World Music - World Music 2.0

MUSIC351 Audio Applications 1 - Audio Applications 1 2.0

MUSIC352 Audio Applications 2 - Audio Applications 2 2.0

MUSIC355R Recording Workshop - Recording Workshop - - *You may take up to 2.0 credit hours* 1.0

MUSIC384 Jazz Improv 2 - Jazz Improv 2 2.0

MUSIC386 Songwriting 2 - Songwriting 2 - 2.0

MUSIC390R Music Production Seminar - Music Production Seminar - *You may take once* 1.0

MUSIC391 Jazz Keyboard - Jazz Keyboard 2.0

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC481 Orchestration 1 - Orchestration 1 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC483 Counterpoint - Counterpoint 3.0

MUSIC484 Media Orchestration - Media Orchestration 3.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

MUSIC489 Film Scoring - Film Scoring 2.0

MUSIC495R Commercial Music Special Proj - Commercial Music Special Proj - *You may take up to 1.0 credit hours* 0.5v - 2.0v

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

TMA365 Sound Design - Sound Design 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *Post Audio Production - You may take up to 2 credit hours* 6.0v

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

Note 1: Two credit hours of this requirement group may be satisfied by approved Category 1 and Category 2 ensembles for this degree.

Note 2: Courses used to fulfill Requirement Group 6.1.3 may not be used to fulfill other requirements.

Option 6.2 — Complete 5 Requirements

Performance track/ Jazz Track.

Requirement 6.2.1 — Complete 5 Courses

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC251 Music Technology 1 - Music Technology 1 2.0

MUSIC256 Recording Studio 1 - Recording Studio 1 2.0

MUSIC284 Jazz Improv 1 - Jazz Improv 1 2.0

MUSIC286 Intro to Music Bus - Intro to Music Bus 2.0

Requirement 6.2.2 — Complete 4 hours

MUSIC360R Performance Instruction- Performance Instruction - *You may take 2 times* 0.5v

Requirement 6.2.3 — Complete 2 hours

In addition to the hours completed in Requirement 4 above, complete 2.0 hours from Category 1: Approved Large Ensembles or Category 2: Other Approved Ensembles.

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - You may take three times 1.0

Category 2: Other Approved Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - You may take two times 1.0

MUSIC323R Marching Band- Marching Band - *You may take two times* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - You may take two times 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take two times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band- Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take two times* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Ensemble - Woodwind Chamber Music - *You may take two times* 1.0

MUSIC441R New Music Ensemble- New Music Ensemble - *You may take two times* 1.0

Requirement 6.2.4 — Complete 1 hour

MUSIC495R Commercial Music Special Proj - Commercial Music Special Proj - *You may take once* 0.5v - 2.0v

Requirement 6.2.5 — Complete 14 hours

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MUSIC160R Performance Instruction - Performance Instruction - *Must be a secondary instrument. You may take up to 2.0 credit hours* 0.5v

MUSIC184 Improvisation - Improvisation 1.0

MUSIC187R Composition - Composition - *You may take up to 1 credit hour* 1.0

MUSIC220 Intro to Piano Technology - Intro to Piano Technology 2.0

MUSIC252 Music Technology 2 - Music Technology 2 2.0

MUSIC257 Recording Studio 2 - Recording Studio 2 2.0

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

MUSIC287 Electronic Music Composition - Electronic Music Composition 2.0

MUSIC307 World Music - World Music 2.0

MUSIC384 Jazz Improv 2 - Jazz Improv 2 2.0

MUSIC385 Jazz Improv 3 - Jazz Improv 3 2.0

MUSIC386 Songwriting 2 - Songwriting 2 - *You may take once* 2.0

MUSIC391 Jazz Keyboard - Jazz Keyboard 2.0

MUSIC394 Jazz Styles & Analysis - Jazz Styles & Analysis 2.0

MUSIC395 Music Analysis - Music Analysis 2.0

MUSIC468 Jazz Pedagogy - Jazz Pedagogy 1.0

MUSIC481 Orchestration 1 - Orchestration 3.0

MUSIC482 Choral Arranging - Choral Arranging 1.0

MUSIC485 Jazz Arranging - Jazz Arranging 3.0

Note 1: Two credit hours of this requirement group may be satisfied by approved Category 1 and Category 2 ensembles for this degree.

Note 2: Courses used to fulfill Requirement Group 6.2.5 may not be used to fulfill other requirements.

Requirement 7 — Complete 1 Course

Complete a capstone project (Music 486) or present a juried recital (Music 349). Final requirement is decided in consultation with faculty advisor.

MUSIC349 Junior Recital - Junior Recital 0.0

MUSIC486 Commercial Music Capstone Proj - Commercial Music Capstone Proj 1.0

Recital: Enroll in Music 349 (0.0 credit hour) for the semester during which a recital is to be presented. Concurrent enrollment in appropriate performance instruction is required. A prerecital hearing is required at least three weeks before juried recitals. Contact the Music Scheduling Office for further information.

APPENDIX A: See Ensemble Requirement

Category 1: Approved Large Ensembles

MUSIC312R Men's Chorus - Men's Chorus - *You may take three times* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take three times* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take three times* 1.0

MUSIC315R University Singers - University Singers - *You may take three times* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take three times* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take three times* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take three times* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - You may take three times 1.0

Category 2: Other Approved Ensembles

MUSIC316R Opera Workshop - Opera Workshop - *You may take two times* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take two times* 0.5v

MUSIC320R BYU Studio Orchestra - BYU Studio Orchestra - You may take two times 1.0

MUSIC323R Marching Band- Marching Band - *You may take two times* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - You may take two times 1.0

MUSIC330R Steel Band - Steel Band - *You may take two times* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take two times* 1.0

MUSIC333R Jazz Lab Band - Jazz Lab Band - *You may take 2 times* 1.0

MUSIC333R Vocal Jazz Ensemble - Vocal Jazz Ensemble - *You may take 2 times* 1.0

MUSIC334R Synthesis - Synthesis - *You may take two times* 1.0

MUSIC335R Jazz Legacy Band- Jazz Legacy Band - *You may take two times* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take two times* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take two times* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Music - *You may take two times* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take two times* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take two times* 1.0

MUSIC344R Keyboard in Ensemble - Keyboard in Ensemble - *You may take two times* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take two times* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take two times* 1.0

MUSIC348R Woodwind Ensemble - Woodwind Chamber Music - *You may take two times* 1.0

MUSIC441R New Music Ensemble- New Music Ensemble - *You may take two times* 1.0

Students who play guitar or piano as their principal instrument may also count participation in Music 320R - BYU Studio Orchestra, Music 333R: Jazz Ensemble or Music 334R: Synthesis toward their Category 1 Ensemble requirement.

Media Arts Studies (Minor) *

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
21

Program Requirements

Requirement 1 — Complete 1 Requirement

Complete the following with a B grade or better:

Requirement 1.1 — Complete 2 Courses

TMA102 Introduction to Film - Introduction to Film 3.0

TMA187 Production Mgt: Beginning - Production Mgt: Beginning 3.0

Be admitted to the minor program by application

Requirement 2 — Complete 1 Requirement

Upon acceptance into the minor program, complete the following:

Requirement 2.1 — Complete 3 Courses

TMA105 Using Basic Film Tools - Using Basic Film Tools - *You may take once* 1.0

TMA114 Reading&Cnstrctng Narratives - Reading&Cnstrctng Narratives 3.0

TMA185 Basic Film Production - Basic Film Production - *You may take once* 3.0

Requirement 3 — Complete 1 of 3 Courses

TMA291 Film History 1 - Film History 1 - *You may take once* 3.0

TMA292 Film History 2 - Film History 2 - *You may take once* 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

Requirement 4 — Complete 3 hours

Advanced critical studies courses:

TMA457 Media, Creativity & Education - Media in Contemporary Clssrm 3.0

TMA477R Issues in Film - Issues in Film - *You may take up to 3.0 credit hours* 3.0

TMA492R Film Genres - Film Genres - *You may take up to 3.0 credit hours* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film - *You may take once* 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times - *You may take once* 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take up to 3.0 credit hours*

Requirement 5 — Complete 1 Requirement

Electives:

Requirement 5.1 — Complete 2 hours

TMA273 Beg. Documentary Production - Beg. Non-Fiction and New Media 3.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take once* 3.0

TMA370R Practicum: Television - Practicum: Television - *You may take once* 1.0v

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take 2 times* 1.0v

TMA387 Production Mgt: Advanced - Production Mgt: Advanced 3.0

TMA391 Intro to Film Theory - Intro to Film Theory 3.0

TMA392 Children's Media - Children's Media 3.0

TMA457 Media, Creativity & Education - Media in Contemporary Clssrm 3.0

TMA477R Issues in Film - Issues in Film - *You may take up to 3.0 credit hours* 3.0

TMA492R Film Genres - Film Genres - *You may take up to 3.0 credit hours* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film - *You may take once* 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times - *You may take once* 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take up to 3.0 credit hours* 3.0

Note: Courses without an R in the course number may not be used to fulfill this requirement if taken to fill requirements in item 3 or 4 above.

Theatre Arts Studies (Minor)

Program Information

Minimum Credit Hours
23

Maximum Credit Hours
23

Major Academic Plan
MAP - Minor in Theatre Arts Studies 11.16.22.pdf

Learning Outcomes

Title
Critical Engagement

Learning Outcome
Students will demonstrate a comprehension of the processes history and theory of performance.

Title
Technical Training

Learning Outcome
Students will implement analytical conceptual and technical skills in a variety of performance practices.

Title
Performance Practice

Learning Outcome
Students will show proficiency in an aspect of performance practice: ie acting critical writing design andtechnology devising directing dramaturgy and/or playwriting.

Program Requirements
Theatre Arts Studies is an open enrollment program

Requirement 1 — Complete 2 Requirements

Requirement 1.1 — Complete 5 Courses

Note: TMA 115 may fulfill part of university core requirements.

TMA111 Performance Matters - Performance Matters 1.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA140 Script Analysis - Script Analysis 2.0

TMA236 Playmaking - Playmaking 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

Requirement 1.2 — Complete 1 hour

TMA260R Theatre Production - Theatre Production - *You may take once* 1.0v

Requirement 2 — Complete 9 hours

Electives (consult with your advisor):

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take once* 0.5v

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA257 Storytelling - Storytelling 2.0

TMA259 Princ of Design for Stg - Princ of Design for Stg 3.0

TMA260R Theatre Production - Theatre Production - *You may take once* 1.0v

TMA262 Costume Construction - Costume Construction 3.0

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA301 Contemp Performance Practices - Contemp Performance Practices 2.0

TMA302R British Theatre Performance - British Theatre Performance- *You may take once* 3.0

TMA321 Voice Over - Voice Over 2.0

TMA325 Stage Combat- Stage Combat 3.0

TMA336 Stage Directing 1: Princ&Prac - Stage Directing 1: Princ&Prac 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA367 Makeup Design - Makeup Design 3.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA380 Production Dramaturgy - Production Dramaturgy 3.0

TMA389R Theatre Production Assistants - Theatre Production Assistants *You may take once* 0.5v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take once* 0.5v

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may take once* 3.0

TMA489R Production Leads - Production Leads - *You may take once* 0.5v

Film (BA) *

Program Information

Minimum Credit Hours
51

Maximum Credit Hours
51

Major Academic Plan
MAPS - BA in Media Arts Studies 2026-2027.docx

Learning Outcomes

Title
Critical Engagement

Learning Outcome
Students will generate new critical insights of core concepts, processes, history, and theory of film, and will evaluate and share those insights in the light of the restored gospel of Jesus Christ.

Title
Skill Development

Learning Outcome
Through the guidance of the Holy Spirit, students will create film projects that demonstrate a high level of technical skill in filmmaking, culminating in works of art that edify and light the world.

Title
Creative Voice

Learning Outcome
Students will articulate in written, oral, and visual forms, their unique personal voice that reflects their identity as children of God, children of the covenant, and disciples of Jesus Christ.

Title
Professional Collaboration

Learning Outcome
Students will create a covenant community rooted in belonging, mutual respect, and inclusion, thus preparing them to be more effective collaborators in their professional careers as they take the light of Christ into the world.

Program Requirements

Requirement 1 — Complete 2 Courses

Pre-Media Arts course: (Students must receive a grade of B or higher in TMA 102 and 187 to fill this requirement.)

TMA102 Introduction to Film - Introduction to Film 3.0

TMA187 Production Mgt: Beginning - Production Mgt: Beginning 3.0

Requirement 2 —Complete 3 Courses

Foundation courses:

TMA105 Using Basic Film Tools - Using Basic Film Tools - *You may take once* 1.0

TMA114 Reading&Cnstrctng Narratives - Reading&Cnstrctng Narratives 3.0

TMA185 Basic Film Production - Basic Film Production - *You may take once* 3.0

Requirement 3 —Complete 4 Courses

Film core courses:

TMA291 Film History 1 - Film History 1 - *You may take once*3.0

TMA292 Film History 2 - Film History 2 - *You may take once* 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA391 Intro to Film Theory - Intro to Film Theory - *You may take once* 3.0

Requirement 4 —Complete 3 Hours

Requirement 4 courses cannot overlap with Requirement 6.

Film Skills:

TMA241 Screenwriting 1 - Screenwriting 3.0

TMA273 Beg. Documentary Production - Beg. Documentary Production 0.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA285 Intermediate Film Production - Intermediate Film Production 3.0

TMA299R Academic Internship- Academic Internship 3.0

TMA399R Academic Internship- Academic Internship 3.0

Requirement 5 —Complete 1 of 6 Courses

Requirement 5 courses cannot overlap with Requirements 6.

Advanced critical studies courses:

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take up to 3.0 credit hours* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times - *You may take once* 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take up to 3.0 credit hours* 3.0

Requirement 6 —Complete 20 hours

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA199R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA215R Special Projects 1 - - *You may take up to 3.0 credit hours* 0.5v

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg & Scrn 3.0

TMA260R Theatre Production - Theatre Production - *You may take once* 1.0v

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA273 Beg. Documentary Production - Beg. Documentary Production 0.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA285 Intermediate Film Production - Intermediate Film Production 3.0

TMA294 History of Animation - History of Animation 3.0

TMA299R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA302R British Theatre Performance - British Theatre Performance 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take up to 3.0 credit hours* 3.0

TMA315R Special Projects 2 - Special Projects 2 - *You may take up to 6.0 credit hours* 0.5v

TMA316R Theatre and Film Instruction - Theatre and Film Instruction - *You may take once* 0.0

TMA318 Approaches to Screen Directing - Approaches to Screen Directing 3.0

TMA321 Voice Over - Voice Over 2.0

TMA338 Acting for Film & TV - Acting for Film & TV 0.0

TMA341R Screenwriting 2 - Screenwriting 2 - *You may take up to 3.0 credit hours* 3.0

TMA342 Screenwriting 2: Writers Room - Screenwriting 2: Writers Room 3.0

TMA360R Theatre Production - Theatre Production - *You may take 3 times* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take once* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA369R Design Practicum - Design Practicum - - *You may take 3 times* 0.5v

TMA372R Film Crew - Film Crew - *You may take up to 8.0 credit hours* 0.5v

TMA373 Int. Documentary Production - Int. Documentary Production 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take up to 8.0 credit hours* 1.0v

TMA392 Children's Media - Children's Media 3.0

TMA393R Non-Fiction Mentored Proj - Non-Fiction Mentored Proj - *You may take once* 0.5

TMA394 Interm. Nonfiction Production - Interm. Nonfiction Production 3.0

TMA399R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take once* 1.0v

TMA418 Adv. Visual Storytelling - Adv. Visual Storytelling 4.0

TMA441R Screenwriting 3 - Screenwriting 3 - *You may take once* 3.0

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA470R Adv. Film Production: Indie - Adv. Film Production: Indie- *You may take up to 6.0 credit hours* 0.5v

TMA473R Studio Adv Film Proj - Studio Adv Film Proj - *You may take up to 6.0 credit hours* 0.5v

TMA475R Adv. Film Production: Studio - AdvFilmProd-Fict:Prod. & Post - *You may take once* 0.5v

TMA477R Issues in Film - Issues in Film - *You may take up to 3.0 credit hours* 3.0

TMA479R Advanced Design - Advanced Design - *You may take once* 0.5v

TMA489R Production Leads - Production Leads - *You may take once* 0.5v

TMA492R Film Genres - Film Genres - *You may take up to 3.0 credit hours* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA496R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times - *You may take once* 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take up to 3.0 credit hours* 3.0

TMA515R Special Projects 3 - Special Projects 3 - *You may take up to 6.0 credit hours* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take once* 1.0v

Note: Students are strongly encouraged to work with their mentor to identify a group of related courses (or minors) in other departments which will provide skills and post-graduate preparation.

Theatre Arts Studies (BA)

Program Information

Minimum Credit Hours
56

Maximum Credit Hours
57

Major Academic Plan
MAPS - BA in Theatre Arts Studies 2025-2026.pdf

Learning Outcomes

Title
Critical Engagement

Learning Outcome
Students will generate critical insights of core concepts, processes, history, and theory of performance, and will evaluate and share those insights in the light of the restored gospel of Jesus Christ.

Title
Performance Practice

Learning Outcome
Through the guidance of the Holy Spirit, students will implement analytical, conceptual, and technical skills in a variety of performance practices, culminating in works of art that edify and light the world or that otherwise participate in preparing for Christ's Second Coming.

Title
Creative Voice

Learning Outcome
Students will articulate in written, oral, and visual forms, their unique personal voice that reflects their identity as children of God, children of the covenant, and disciples of Jesus Christ.

Title
Professional Collaboration

Learning Outcome
Students will contribute meaningfully to a covenant community rooted in belonging and mutual respect, thus preparing them to be more effective collaborators in their professional careers as they take the light of Christ into the world.

Program Requirements

Requirement 1 — Complete 3 Courses

Foundation courses:

TMA111 Performance Matters - Performance Matters 1.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA140 Script Analysis - Script Analysis 2.0

Requirement 2 —Complete 2 Requirements

Core courses:

Requirement 2.1 —Complete 5 Courses

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

TMA236 Playmaking - Playmaking 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg 3.0

Requirement 2.2 —Complete 1 Course

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

TMA396 TMA 396 -Dramatic Literature 2 – Dramatic Literature 2 3.0

Requirement 3 —Complete 2 Requirements

Technical courses:

Requirement 3.1 – Complete 1 course

TMA260R Theatre Production – Theatre Production 1.0

Requirement 3.2 – Complete 2 courses

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA262 Costume Construction - Costume Construction 3.0

TMA264 Theatre Lighting 1 – Theatre Lighting 1 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA266 Principles of Stage Craft – Principles of Stagecraft 2.0

TMA267 Principles of Makeup – Principles of Makeup 2.0

TMA368 Scenic Art – Scenic Art 2.0

TMA468R Specialty Costumes – Specialty Costume 2.0

Requirement 4 —Complete 1 of 2 Courses

Achievement courses:

TMA411 Future Performance - Future Performance 1.0

TMA460 Portfolio - Portfolio 2.0

Requirement 5 —Complete 16 hours

Electives: Complete 16 credit hours of upper-division course work IN CONSULTATION WITH THE FACULTY MENTOR. These individually tailored programs will allow the student maximum flexibility while guaranteeing quality control.

TMA302R British Theatre Performance - British Theatre Performance - *You may take once* 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take once* 3.0

TMA315R Special Projects 2 - Special Projects 2 - *You may take 8 times* 0.5v

TMA315R Special Projects 2: Theatre - Special Projects 2: Theatre - *You may take 8 times* 0.5v

TMA316R Theatre and Film Instruction - Theatre and Film Instruction 1.0v

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA323R KCACTF - KCACTF - *You may take 4 times* 1.0

TMA325 Stage Combat - Stage Combat 3.0

TMA328 Acting Classics - Acting Classics 3.0

TMA329 Conservatory - Conservatory 3.0

TMA330R Assistant Directing - Assistant Directing - *You may take 5 times* 1.0v

TMA331 Directing Narrative Literature - Directing Narrative Literature 3.0

TMA336 Stage Directing 1: Princ&Prac - Stage Directing 1: Princ&Prac 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA356R Assistant Stage Managers - Assistant Stage Managers 2.0v

TMA360R Theatre Production - Theatre Production - *You may take 3 times* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take 5 times* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA375 Creative Drama - Creative Drama 2.0

TMA377A Acting Pedagogy - Acting Pedagogy 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA379R Design Studio - Design Studio - *You may take 4 times* 2.0

TMA380 Production Dramaturgy - Production Dramaturgy 3.0

TMA389R Theatre Production Assistants - Theatre Production Assistants 0.5v

TMA392 Children's Media - Children's Media 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

TMA396 TMA 396 -Dramatic Literature 2 – Dramatic Literature 2 3.0

TMA399R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 5 times* 0.5v

TMA399R Academic Internship - Academic Internship - *You may take 5 times* 0.5v

TMA416R Tching Assist Credit: Theatre - Tching Assist Credit: Theatre - *You may take 10 times* 1.0v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take 10 times* 1.0v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take 5 times* 0.5v

TMA422 Dialects - Dialects 2.0

TMA423R Advanced KCACTF - Advanced KCACTF - *You may take 4 times* 1.0v

TMA425 Character Mask - Character Mask 2.0

TMA436 Stage Directing 2: AdvDirect - Stage Directing 2: AdvDirect 3.0

TMA438 Auditions - Auditions 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take 4 times* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may take once* 3.0

TMA456R Production Stage Management - Production Stage Management 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take 3 times* 3.0

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

TMA460 Portfolio - Portfolio 2.0

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA468R Specialty Costumes - Specialty Costumes - *You may take 8 times* 2.0v

TMA469 Theatre Management - Theatre Management 3.0

TMA477R Issues in Film - Issues in Film - *You may take 2 times* 3.0

TMA479R Advanced Design - Advanced Design - *You may take 5 times* 0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take 5 times* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take 5 times* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take 5 times* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take 5 times* 0.5v

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take 5 times* 0.5v

TMA479R Advanced Stage Management - Advanced Stage Management - *You may take 5 times* 0.5v

TMA480R Spec Topics Theatre Research - Spec Topics Theatre Research - *You may take 4 times* 3.0

TMA483 New Play Dramaturgy - New Play Dramaturgy 3.0

TMA489R Production Leads - Production Leads- *You may take 10 times* 0.5v

TMA496R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 2 times* 0.5v

TMA496R Academic Internship - Academic Internship - *You may take 2 times* 0.5v

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA515R Special Projects 3: Theatre - Special Projects 3: Theatre - *You may take 8 times* 1.0v

TMA515R Special Projects 3 - Special Projects 3 - *You may take 8 times* 1.0v

TMA536R SpecialProjectsStageDirecting - Directing Workshop - *You may take 2 times* 0.5v

TMA599R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 4 times* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take 4 times* 1.0v

Requirement 6 —Complete 11 hours

Electives continued: Complete an additional 10 hours of course work IN CONSULTATION WITH THE FACULTY MENTOR. These individually tailored programs will allow the student maximum flexibility while guaranteeing quality control.

TMA102 Introduction to Film - Introduction to Film 3.0

TMA122 Voice Prod Phonetics 1 - Voice Prod Phonetics 1 2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA125 Yoga & Alexander Technique - Yoga & Alexander Technique 1.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA199R Academic Internship: Theatre - Academic Internship: Theatre - *You may take once* 0.5v

TMA199R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA215R Special Projects 1: Theatre - Special Projects 1: Theatre - *You may take 8 times* 0.5v

TMA215R Special Projects 1 - Special Projects 1 - *You may take 8 times* 0.5v

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take 5 times* 0.5v

TMA222 Voice Prod Phonetics 2 - Voice Prod Phonetics 2 2.0

TMA225 Neutral Mask - Neutral Mask 2.0

TMA227 Acting Explorations - Acting Explorations 3.0

TMA228 Acting 2 - Acting 2 3.0

TMA238 Acting Improvisation - Acting Improvisation 2.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA255 TYA History and Practice - TYA History and Practice 1.0

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA257 Storytelling - Storytelling 2.0

TMA258 Theatre Drafting - Theatre Drafting 3.0

TMA260R Theatre Production - Theatre Production - *You may take 3 times* 1.0v

TMA264 Theatre Lighting 1 – Theatre Lighting 1 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA276 Exploration of Teaching - Exploration of Teaching 4.0

TMA299R Academic Internship: Theatre - Academic Internship: Theatre - *You may take once* 0.5v

TMA299R Academic Internship - Academic Internship - *You may take once* 0.5v

TMA302R British Theatre Performance - British Theatre Performance - *You may take once* 3.0

TMA303R Internatnl St Film & Culture - Internatnl St Film & Culture - *You may take once* 3.0

TMA315R Special Projects 2 - Special Projects 2 - *You may take 8 times* 0.5v

TMA315R Special Projects 2: Theatre - Special Projects 2: Theatre - *You may take 8 times* 0.5v

TMA316R Theatre and Film Instruction - TMA Instruction 1.0v

TMA316 TMA Instruction: Theatre - TMA Instruction: Theatre 1.0

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA323R KCACTF - KCACTF - *You may take 4 times* 1.0

TMA325 Stage Combat - Stage Combat 3.0

TMA328 Acting Classics - Acting Classics 3.0

TMA329 Conservatory - Conservatory 3.0

TMA330R Assistant Directing - Assistant Directing - *You may take 5 times* 1.0v

TMA331 Directing Narrative Literature - Directing Narrative Literature 3.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA338 Acting for Film & TV - Acting for Film & TV3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

TMA356R Assistant Stage Managers - Assistant Stage Managers 2.0v

TMA360R Theatre Production - Theatre Production - *You may take 3 times* 0.5v

TMA362 Costume Design - Costume Design 3.0

TMA363 Scenic Design - Scenic Design 3.0

TMA364 Lighting Design - Lighting Design 3.0

TMA365 Sound Design - Sound Design 3.0

TMA366R Production Topics - Production Topics - *You may take 5 times* 1.0v

TMA367 Makeup Design - Makeup Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

TMA375 Creative Drama - Creative Drama 2.0

TMA377A Acting Pedagogy - Acting Pedagogy 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA379R Design Studio - Design Studio - *You may take 4 times* 2.0

TMA380 Production Dramaturgy - Dramaturgy 1 3.0

TMA389R Theatre Production Assistants - Theatre Production Assistants 0.5v

TMA392 Children's Media - Children's Media 3.0

TMA395 Dramatic Literature 1 - Drama0c Literature 1 3.0

TMA396 TMA 396 -Dramatic Literature 2 – Drama0c Literature 2 3.0

TMA399R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 5 times* 0.5v

TMA399R Academic Internship - Academic Internship - *You may take 5 times* 0.5v

TMA416R Tching Assist Credit: Theatre - Tching Assist Credit: Theatre - *You may take 10 times* 1.0v

TMA416R Teaching Assistant Credit - Teaching Assistant Credit - *You may take 10 times* 1.0v

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take 5 times* 0.5v

TMA422 Dialects - Dialects 2.0

TMA423R Advanced KCACTF - Advanced KCACTF - *You may take 4 times* 1.0v

TMA425 Character Mask - Character Mask 2.0

TMA436 Stage Directing 2: AdvDirect - Theatre Directing Practicum 3.0

TMA438 Auditions - Auditions 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take 4 times* 3.0

TMA451R Playwriting 3 - Playwriting 3 - *You may take once* 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take 3 times* 3.0

TMA456R Production Stage Management - Production Stage Management 3.0

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

TMA458 Media Literacy Education - Media Literacy Education 3.0

TMA460 Portfolio - Portfolio 2.0

TMA462 History of Costume - History of Costume 3.0

TMA463 Production Design - Production Design 2.0

TMA467R Makeup for Media - Makeup for Media - *You may take once* 0.5v

TMA468R Specialty Costumes - Specialty Costumes - *You may take 8 times* 2.0v

TMA469 Theatre Management - Theatre Management 3.0

TMA477R Issues in Film - Issues in Film - *You may take 2 times* 3.0

TMA479R Advanced Design - Advanced Design - *You may take 5 times* 0.5v

TMA479R Adv Design: Costumes - Adv Design: Costumes - *You may take 5 times* 0.5v

TMA479R Adv Design: Lighting - Adv Design: Lighting - *You may take 5 times* 0.5v

TMA479R Adv Design: Makeup - Adv Design: Makeup - *You may take 5 times* 0.5v

TMA479R Adv Design: Scenic - Adv Design: Scenic - *You may take 5 times* 0.5v

TMA479R Adv Design: Sound - Adv Design: Sound - *You may take 5 times* 0.5v

TMA479R Advanced Stage Management - Advanced Stage Management - *You may take 5 times* 0.5v

TMA480R Spec Topics Theatre Research - Spec Topics Theatre Research - *You may take 4 times* 3.0

TMA483 New Play Dramaturgy - New Play Dramaturgy 3.0

TMA485R Dramaturgy Practicum - Production Dramaturgy - *You may take 5 times* 1.0v

TMA489R Production Leads -Production Leads - *You may take 10 times* 0.5v

TMA496R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 2 times* 0.5v

TMA496R Academic Internship - Academic Internship - *You may take 2 times* 0.5v

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA515R Special Projects 3: Theatre - Special Projects 3: Theatre - *You may take 8 times* 1.0v

TMA515R Special Projects 3 - Special Projects 3 - *You may take 8 times* 1.0v

TMA536R SpecialProjectsStageDirecting - Directing Workshop - *You may take 2 times* 0.5v

TMA599R Academic Internship: Theatre - Academic Internship: Theatre - *You may take 4 times* 1.0v

TMA599R Academic Internship - Academic Internship - *You may take 4 times* 1.0v

Theatre Education K-12 (BA)

Program Information

Minimum Credit Hours
82

Maximum Credit Hours
82

Major Academic Plan
MAPS - BA in Theatre Arts Education 2025-2026.pdf

Learning Outcomes

Title
Curriculum and Instruction

Learning Outcome
Students will demonstrate professional pedagogical practices by creating, teaching, and assessing gospel-centered, standards-based theatre curriculum.

Title
Dramatic Strategies

Learning Outcome
Students will apply gospel-centered values while using dramatic strategies to foster a sense of covenant belonging in arts-based educational environments.

Title
Scholarly Abilities

Learning Outcome
Students will generate new critical insights of core concepts, processes, history, and theory of film, and will evaluate and share those insights in the light of the restored gospel of Jesus Christ.

Title
Professional Practice

Learning Outcome
Students will demonstrate moral and ethical reasoning as inspired by the light of the restored gospel of Jesus Christ in addressing contextual dilemmas in university or public school classrooms.

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 175 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 2 Courses

Complete the following pre-theatre courses with a B grade or better:

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA140 Script Analysis- Script Analysis 2.0

Requirement 2 — Complete 1 Course

Complete the following and be admitted to the licensure program by application during TMA 276 (see the department office). NOTE: FBI fingerprint and background clearance must be completed before enrollment in TMA 276.

TMA276 Exploration of Teaching - Exploration of Teaching 4.0

Requirement 3 — Complete 2 Requirements

Theatre courses:

Requirement 3.1 — Complete 7 Courses

TMA122 Voice Prod Phonetics 1- Voice and Diction 2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

TMA336 Stage Directing 1: Princ&Prac - Directing Principles & Practices 3.0

TMA436 Stage Directing 2: AdvDirect - Stage Directing 2: AdvDirect 3.0

TMA491 Theatre & The Gospel-Theatre & The Gospel 1.0

Requirement 3.2 — Complete 1 hour

TMA260R Theatre Production - Theatre Production - *You may take once* 1.0v

Requirement 4 — Complete 1 Course

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

Requirement 5 — Complete 9 hours

Theatre content courses:

TMA236 Playmaking - Playmaking 3.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA255 TYA History and Practice - TYA History and Practice 1.0

TMA257 Storytelling - Storytelling 2.0

TMA325 Stage Combat - Stage Combat 3.0

TMA380 Production Dramaturgy - Production Dramaturgy 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

Requirement 6 — Complete 9 hours

Design/Tech courses:

TMA256 Stage Management 1 - Stage Management 1 2.0

TMA259 Princ of Design for Stg - Princ of Design for Stg 3.0

TMA262 Costume Construction - Costume Construction 3.0

TMA264 Theatre Lighting 1- Theatre Lighting 2.0

TMA265 Sound Reinforcement - Sound Reinforcement 2.0

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA364 Lighting Design - Lighting Design 3.0

TMA368 Scenic Art - Scenic Art 2.0

Requirement 7 — Complete 6 Courses

Theatre Education courses:

TMA375 Creative Drama - Creative Drama 2.0

TMA377A Acting Pedagogy- Acting Pedagogy 2.0

TMA377B Methods Secondary Curriculum - Methods Secondary Curriculum 3.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA377D Methods Elementary Curriculum - Methods Elementary Curriculum 3.0

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

Requirement 8 — Complete 2 Requirements

Professional Education Courses:

Licensure requirements: Contact the Education Advisement Center, 175 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 8.1 — Complete 3 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 8.2 — Complete 12 hours

TMA476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

TMA496R Academic Internship - Academic Internship - *You may take up to 12.0 credit hours* 0.5v

Educator Preparation Program (EPP) admission and retention requirements apply. Review the following: http://catalog.byu.edu/about-byu/educator-requirements.

Acting (BFA) *

Program Information

Minimum Credit Hours
78.5

Maximum Credit Hours
82.5

Major Academic Plan
MAPS - BFA in Acting 2025-2026.pdf

Learning Outcomes

Title
Performance

Learning Outcome
Students will master competitive performance techniques and effective work habits and will consistently represent themselves as professional artists and disciples of Christ in audition, rehearsal, and performance situations.

Title
Historical and Social Impact of Theatre

Learning Outcome
Students will interpret the historical, social, and spiritual aspects of theatre—bathed in the light and color of the restored gospel—to expand their capacity for critical analysis, deepen their appreciation for communities of belonging, and cultivate insight that will inform their craft and their service.

Title
Personal Growth

Learning Outcome
Students will develop their BYU dual heritage by acquiring business skills, compiling personal resources to sustain a healthy self-image, and deepening faith in Christ to pursue individual creativity and innovation in their craft, endure the rigors of the entertainment industry, and live a lifetime of learning and service.

Program Requirements

This major is a limited enrollment program designed to prepare students to become professional artists and/or to pursue post-graduate degrees in the field. It is a highly competitive major; admission is by audition. Additionally, admitted students are required to meet progressively higher proficiency expectations each semester. If students do not meet proficiency expectations, they will be placed on program probation. Students placed on probation 3 times may be dismissed from the degree program. For further information on BFA Acting proficiency expectations and student standing, contact the BFA Acting Program Area Head or go to https://tma.byu.edu/programs/theatre-arts-programs/bachelor-of-fine-arts-in-acting/.

Requirement 1 —Complete 9 Courses

Core courses:

TMA102 Introduction to Film - Introduction to Film 3.0

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA140 Script Analysis - Script Analysis 2.0

TMA236 Playmaking - Playmaking 3.0

TMA201 Drama Perf: Antiq to Renais - Drama Perf: Antiq to Renais 3.0

TMA202 Drama Perf: Renais to Present - Drama Perf: Renais to Present 3.0

TMA260R Theatre Production - Theatre Production 2 - You may take once 1.0v

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA491 Theatre & The Gospel - Theatre & The Gospel 1.0

Requirement 2 —Complete 9 Courses

Acting courses:

MDT229 Musical Scene Study - Musical Scene Study 3.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA228 Acting 2 - Acting 2 3.0

TMA238 Acting Improvisation - Acting Improvisation 2.0

TMA328 Acting Classics - Acting Classics 0.0

TMA338 Acting for Film & TV - Acting for Film & TV 0.0

TMA410 Acting Capstone - Acting Capstone - You may take up to 3.0 credit hours 2.0v

TMA428 Acting Practicum - Acting Practicum 0.5v

TMA438 Auditions - Auditions 3.0

Requirement 3 —Complete 4 Courses

Voice courses:

TMA122 Voice Prod Phonetics 1 - Voice Prod Phonetics 1 2.0

TMA222 Voice Prod Phonetics 2 - Voice Prod Phonetics 2 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA422 Dialects - Dialects 2.0

Requirement 4 —Complete 2 Requirements

Movement courses:

Requirement 4.1 —Complete 1 of 2 Courses

DANCE140 Contemp Mdrn Dance, Beg - Contemp Mdrn Dance, Beg 1.0

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - You may take once 1.0

Requirement 4.2 —Complete 3 Courses

TMA125 Yoga & Alexander Technique - Yoga & Alexander Technique 1.0

TMA225 Neutral Mask - Neutral Mask 2.0

TMA325 Stage Combat - Stage Combat 3.0

Requirement 5 —Complete 1 Course

Off-campus Bridge-to-Profession course:

TMA428 Acting Practicum - Acting Practicum 0.5v - This course is normally taken during Spring or Summer Term

Requirement 6 —Complete 16 Hours

Elective courses:

MDT221 Musical Theatre Performance - Musical Theatre Performance 1.0v

MUSIC259 Psychology of Performance - Psychology of Performance 2.0

TMA220R Workshop 1: Acting - Workshop 1: Acting - *You may take up to 3.0 credit hours* 0.5v

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA259 Princ of Design for Stg - Princ of Design for Stg 3.0

TMA302R British Theatre Performance - British Theatre Performance 3.0

TMA321 Voice Over - Voice Over 2.0

TMA329 Conservatory - Conservatory 3.0

TMA336 Stage Directing 1: Princ&Prac- Stage Directing 1: Princ&Prac 3.0

TMA341R Screenwriting 2 - Screenwriting 2 - *You may take once* 3.0

TMA351 Playwriting 2 - Playwriting 2 3.0

TMA367 Makeup Design - Makeup Design 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

TMA420R Performance Workshop 2 - Performance Workshop 2 - *You may take once* 0.5v

TMA425 Character Mask - Character Mask 2.0

TMA429 Performance: Recital - Performance: Recital 3.0

TMA436 Stage Directing 2: AdvDirect - Stage Directing 2: AdvDirect 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

TMA469 Theatre Management - Theatre Management 3.0

Music Dance Theatre (BFA) *

Program Information

Minimum Credit Hours
77

Maximum Credit Hours
78

Major Academic Plan
MAPS - BFA in Music Dance Theatre 2026-2027.docx

Learning Outcomes

Title
Performance

Learning Outcome
Students will master competitive performance techniques and effective work habits in singing, acting, and dancing, and will consistently represent themselves as professional artists and disciples of Christ in audition, rehearsal, and performance situations.

Title
Historical and Social Impact of Theatre

Learning Outcome
Students will interpret the historical, social, and spiritual aspects of musical theatre (bathed in the light and color of the restored gospel) to expand their capacity for critical analysis, deepen their appreciation for communities of belonging, and cultivate insight that will inform their craft and their lifelong service.

Title
Personal Growth

Learning Outcome
Students will develop their BYU dual heritage by acquiring business skills, compiling personal resources to sustain a healthy self-image, and deepening faith in Christ to pursue individual creativity and innovation in their craft, endure the rigors of the entertainment industry, and live a lifetime of learning and service.

Program Requirements

Participate in proficiency examinations in each of the three areas at the end of each semester. Failure in two or more areas over two consecutive semesters constitutes termination of major status. Please see the advisement center for details and procedures regarding proficiency requirements.

Any grade below C- in major courses is not acceptable for graduation. Dance technique courses require a grade of B- for advancement to the next level.

Requirement 1 — Complete 3 Requirements

Music core:

Requirement 1.1 — Complete 3 Courses

Note: You must pass Music 100 Challenge Exam prior to enrollment in MDT 290. If the exam is not passed, Music 100 should be taken as part your elective courses.

MDT161 Voice Technique 1 - Voice Technique 1 2.0

MDT290 Music Theory for MDT - Music Theory for MDT 4.0

MUSIC113 Beginning Piano Techniques 1 - Beginning Piano Techniques 1 2.0

Requirement 1.2 — Complete 6 hours

MUSIC260R Performance Instruction - Performance Instruction - 0.5v

Requirement 1.3 — Complete 4 hours

MUSIC360R Performance Instruction - Performance Instruction - 0.5v

Requirement 2 — Complete 5 Requirements

Dance core:

Requirement 2.1 — Complete 3 hours

DANCE131 Jazz Dance, Beginning - Jazz Dance, Beginning 1.0

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 1.0

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 1.5

Requirement 2.2 — Complete 2 hours

DANCE135 Tap Dance, Beginning - Tap Dance, Beginning 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 1.0

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 1.0

Requirement 2.3 — Complete 5 hours

DANCE290 Ballet, Accelerated Beginning - Ballet, Accelerated Beginning 1 1.0v

DANCE291R Ballet Technique 1 - Ballet Technique 1 1.5

DANCE293R Ballet Technique 2 - Ballet Technique 2 - *You may take once* 1.5v

DANCE390R Ballet Technique 3 - Ballet Technique 3 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 3.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 3.0

Requirement 2.4 — Complete 3.5 hours

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 1.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 2.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance 2.5

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 1.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 2.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE440R Cont Mdrn Dnc Techng & Thry 5 - Cont Mdrn Dnc Techng & Thry 5 2.5

Requirement 2.5 — Complete 2 hours

Complete 2 additional credit hours from courses not yet completed to fulfill Requirement 2.5

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 1.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE291R Ballet Technique 1 - Ballet Technique 1 1.5

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 1.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 2.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 3.0

DANCE440R Cont Mdrn Dnc Techng & Thry 5 - Cont Mdrn Dnc Techng & Thry 4 2.5

DANCE490R Ballet Technique 5 - Ballet Technique 5 3.0

Requirement 3 — Complete 11 Courses

Theatre core:

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA122 Voice Prod Phonetics 1 – Voice and Diction 2.0

TMA128 Acting 1: BFA or Pre-BFA - Acting 1: BFA or Pre-BFA 3.0

TMA140 Script Analysis - Script Analysis 2.0

TMA228 Acting 2 - Acting 2 3.0

TMA238 Acting Improvisation - Acting Improvisation 2.0

TMA260R Theatre Production - Theatre Production - *You may take once* 1.0v

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA422 Dialects - Dialects 2.0

TMA438 Auditions - Auditions 3.0

TMA491 Theatre & The Gospel- Theatre & The Gospel 2.0

Requirement 4 — Complete 1 Course

MDT core:

MDT229 Musical Scene Study - Musical Scene Study 3.0.

MDT300 MT in Contemporary Culture - MT in Contemporary Culture 3.0

MDT329 Performance Seminar - Performance Seminar 3.0

MDT361 Choreographic Styles - Choreographic Styles 3.0

MDT426 BFA Senior Showcase - BFA Senior Showcase 3.0

Requirement 5 — Complete 1 Hour

TMA220R Workshop 1: Acting - Workshop 1: Acting 3.0v

TMA420R Performance Workshop 2 - Performance Workshop 2 3.0v

DANCE320R Young Ambassadors - Young Ambassadors 3.0v

Requirement 6 — Complete 3.5 Hours

Elective courses:

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 1.5

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance 2.5

DANCE244R Beginning Creative Processes - Beginning Creative Processes 1.0

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE294R Ballet Technique, Men - Ballet Technique, Men 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 1.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 2.5

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm 1.0

DANCE368R DancEnsemble - DancEnsemble 1.0v

DANCE390R Ballet Technique 3 - Ballet Technique 3 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 3.0

DANCE393R Ballet Pointe 2 - Ballet Pointe 2 1.0

DANCE398R Theatre Ballet Studio Company - Theatre Ballet Studio Company - *You may take 2 times* - 3.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance 0.5v

DANCE429R Dance Perf-2 - Dance Perf-2 0.5v

DANCE440R Cont Mdrn Dnc Techng & Thry 5 - Cont Mdrn Dnc Techng & Thry 4 2.5

DANCE462R Choreo, Adv - Choreo, Adv 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre 2.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 3.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations 0.5

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

DANCE 540R - Contemporary Dance Tec Thry 5 - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.5

MDT221 Musical Theatre Performance - Musical Theatre Performance 3.0v

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC186 Songwriting 1 - Songwriting 1 2.0

MUSIC317R Opera Ensemble - Opera Ensemble 0.5v

MUSIC360R Performance Instruction - Performance Instruction 0.5v

MUSIC363 Vocal Pedagogy - Vocal Pedagogy 2.0

MUSIC386 Songwriting 2 - Songwriting 2 2.0

MUSIC399R Academic Internship - Academic Internship 0.5v

MUSIC402 Vocal Literature - Vocal Literature 3.0

MUSIC472 Supervised Teaching in Voice - Supervised Teaching in Voice 2.0

STAC100R Intercol Athl Cougarettes - Cougarette Performing Team 2.0

TMA100 Intro to Visual Literacy - Intro to Visual Literacy 3.0

TMA215R Special Projects 1 - Special Projects 1 0.5v

TMA225 Neutral Mask - Neutral Mask 2.0

TMA 236 - Script Analysis for Production - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 2.0

TMA321 Voice Over - Voice Over 2.0

TMA322 Classical Voice - Classical Voice 2.0

TMA325 Stage Combat - Stage Combat 3.0

TMA328 Acting Classics - Acting Classis 3.0

TMA329 Conservatory - Conservatory 3.0

TMA336 Stage Directing 1: Princ&Prac - Stage Directing 1: Princ&Prac 3.0

TMA338 Acting for Film & TV - Acting for Film and TV 3.0

TMA399R Academic Internship - Academic Internship 0.5v

TMA425 Character Mask - Character Mask 2.0

TMA429 Performance: Recital - Performance: Recital 3.0

TMA443R WDA Workshop - WDA Workshop 3.0

TMA469 Theatre Management - Theatre Management 3.0

TMA515R Special Projects 3 - Special Projects 3 1.0v

Art (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
21

Learning Outcomes

Title
Concepts and Processes

Learning Outcome
Students will develop a fundamental understanding of concepts processes and criticism of visual art.

Title
Skill and Aesthetic Development

Learning Outcome
Students will develop their skills in traditional and contemporary art making and cultivate a sensitivity to the aesthetics of visual art.

Title
Career Development

Learning Outcome
Students will develop creative thinking and problem solving skills that will be beneficial in multiple career opportunities.

Program Requirements

Requirement 1 — Complete 1 Course

ART101 Intro to Art and Drawing - Intro to Art and Drawing 3.0

Note: Courses listed as majors-only (ART 210, 215, 216, 217, 225, and 260) will have a temporary registration period 3-4 weeks prior to the beginning of Fall and Winter semesters, during which minors will be able to add these courses to their schedule. Minors who miss this registration period will need to seek a Permission-to-add code from the instructor on the first day of class.

Requirement 2 — Complete 3 hours

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

Requirement 3 — Complete 3 hours

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART120 Watercolor for Non-Majors - Watercolor for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 4 — Complete 6 hours

Note: Courses from Requirement 2 or 3 cannot double count for Requirement 4.

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART120 Watercolor for Non-Majors - Watercolor for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 5 — Complete 2 Courses

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Art History & Curatorial Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Art History in the Western World

Learning Outcome
Students will acquire a solid foundation in the discipline of art history of the Western world.

Title
Research Skills

Learning Outcome
Students will develop advanced art historical research skills.

Title
Effective Writing

Learning Outcome
Students will write engaging and sophisticated art historical research papers.

Title
Effective Communication and Presentation

Learning Outcome
Students will demonstrate their ability to effectively present their ideas through verbal expression.

Title
Cultural and Professional Experience

Learning Outcome
Students will visit and experience important works of art, as well as the institutions and/or professional venues where art history is practiced. Covid presented us with a challenge here

Program Requirements

Requirement 1 — Complete 18 hours

Complete 18 elective hours from the following:

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

ARTHC300 Theory & Methodology - Theory & Methodology 3.0

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC337 18th-Century European Art - 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take 2 times* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take 2 times* 1.0v

Note: No substitutions permitted.

Art Education (Minor) *

Program Information

Minimum Credit Hours
29.5

Maximum Credit Hours
29.5

Program Requirements

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Courses

Core courses:

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 — Complete 3 Courses

Art Education courses:

ARTED378 K-12 ClssrmMgmt,3D Mthds&Pract - K-12 ClssrmMgmt,3D Mthds&Pract 3.0

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTED450 Adv Sec Stu Tchg Mthds Art Ed - Adv Sec Stu Tchg Mthds Art Ed 3.0

Requirement 3 — Complete 7.5 hours

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

Requirement 4 — Complete 1 Course

ARTED477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Arts in the K-6 Classroom (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
17

Program Requirements

This minor is designed to fulfill requirements necessary for the Utah State Board of Education Arts Integration Endorsement. This minor includes coursework spanning multiple art forms and pedagogies, additional coursework in an area of artistic focus, and coursework related to the integration of arts into the classroom. Successful completion of this minor will prepare students to integrate dance, drama, music, and visual art into other areas of core curriculum taught in elementary classrooms. This minor does not indicate subject area specialization in the arts or qualification for teaching arts courses per se, but rather reflects training in the application of arts-based pedagogies and methodologies to the teaching of other core elementary classroom curricula.

Students completing this minor, along with another education degree pursuant to state educator licensure, should verify with the advisement center in the College of Education that the submission materials for their licensure include their application for Arts Integration endorsement.

Requirement 1 — Complete 1 Course

Arts Integration and Assessment

FNART226 Arts Integration - Arts Integration 2.0

Requirement 2 — Complete 4 Courses

Arts in the Classroom

ARTED326 Art for Elementary Teachers - Art for Elementary Teachers 3.0

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

MUSIC378 Mu Elem Clsrm Tchr - Mu Elem Clsrm Tchr 2.0

TMA352 Drama in the Elem Classroom - Drama in the Elem Classroom 2.0

Requirement 3 — Complete 1 of 4 Options

Option 3.1 — 2 of 6 Courses

ART

ART101 Intro to Art and Drawing - Intro to Art and Drawing 3.0

ART104 Intro to Sculpture - Non-Major - Intro to Sculpture - Non-Major 3.0

ART105 Intro to Ceramics - Non-Majors - Intro to Ceramics - Non-Majors 3.0

ART110 Painting for Non-Majors - Painting for Non-Majors 3.0

ART122 Printmaking for Non-Majors - Printmaking for Non-Majors 3.0

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

Option 3.2 — Complete 2 Requirements

DANCE

Requirement 3.2.1 — Complete 2 hours

Movement

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.0

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE270 Cultural Dance Technique 1 - Cultural Dance Technique 1 1.0

Requirement 3.2.2 — Complete 2 hours

Pedagogy, Theory, and Creativity

DANCE244R Beginning Creative Processes - Std Wrkshp Improv & Choreog - *You may take once* 1.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE345 Accelerated Street Dance - Accelerated Street Dance 1.5

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

DANCE348R Kinnect - Kinnect - *You may take once* 1.0v

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg World Dance 2.0

Option 3.3 — Complete 4 hours

MUSIC

Option 3.3.1 — Complete at least 3 hours up to 4 hours

MUSIC100 Music Fundamentals - Music Fundamentals 2.0

MUSIC101 Introduction to Music - Introduction to Music 3.0

MUSIC160R Performance Instruction - Performance Instruction - *You may take once* 0.5v

MUSIC201 Civilization: Music 1 - Civilization: Music 1 3.0

MUSIC202 Civilization: Music 2 - Civilization: Music 2 3.0

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

Note: Upper-division private instruction may also partially fulfill this requirement; no more than 2 total credits of private instruction may count toward this option.

Option 3.3.2 — Complete up to 1 hour

No more than 1 credit of performance ensemble may count toward this requirement.

MUSIC311R University Chorale - University Chorale - *You may take once* 1.0

MUSIC312R Men's Chorus - Men's Chorus - *You may take once* 1.0

MUSIC313R Women's Chorus - Women's Chorus - *You may take once* 1.0

MUSIC314R Concert Choir - Concert Choir - *You may take once* 1.0

MUSIC315R University Singers - University Singers - *You may take once* 1.0

MUSIC316R Opera Workshop - Opera Workshop - *You may take once* 1.0

MUSIC317R Opera Ensemble - Opera Ensemble - *You may take once* 0.5v

MUSIC321R University String Orchestra - University Orchestra - *You may take once* 1.0

MUSIC322R University Band - University Band - *You may take once* 1.0

MUSIC323R Marching Band - Marching Band - *You may take once* 1.0

MUSIC324R Cougar Band - Cougar Band - *You may take once* 1.0

MUSIC325R Symphonic Band - Symphonic Band - *You may take once* 1.0

MUSIC326R Wind Symphony - Wind Symphony - *You may take once* 1.0

MUSIC329R Folk Ensemble - Folk Ensemble - *You may take once* 1.0

MUSIC330R Steel Band - Steel Band - *You may take once* 1.0

MUSIC331R Jazz Combos - Jazz Combos - *You may take once* 1.0

MUSIC332R YA Show Band - YA Show Band - *You may take once* 1.0

MUSIC333R Jazz Ensemble - Jazz Ensemble - *You may take once* 1.0

MUSIC334R Synthesis - Synthesis - *You may take once* 1.0

MUSIC335R Jazz Legacy Band - Jazz Legacy Band - *You may take once* 1.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

MUSIC337R Symphony Orchestra - Symphony Orchestra - *You may take once* 1.0

MUSIC338R Philharmonic Orchestra - Philharmonic Orchestra - *You may take once* 1.0

MUSIC339R Chamber Orchestra - Chamber Orchestra - *You may take once* 1.0

MUSIC340R Harp Ensemble - Harp Ensemble - *You may take once* 1.0

MUSIC341R Brass Chamber Music - Brass Chamber Musc - *You may take once* 1.0

MUSIC342R Early Music Ensemble - Early Music Ensemble - *You may take once* 1.0

MUSIC343R Guitar Ensemble - Guitar Ensemble - *You may take once* 1.0

MUSIC345R Percussion Ensemble - Percussion Ensemble - *You may take once* 1.0

MUSIC346R String Chamber Music - String Chamber Music - *You may take once* 1.0

MUSIC348R Woodwind Chamber Music - Woodwind Chamber M - *You may take once* 1.0

MUSIC441R New Music Ensemble - New Music Ensemble - *You may take once* 1.0

Option 3.5 — Complete 4 hours

THEATRE ARTS AND FILM

TMA115 Intro to Performance Studies - Intro to Performance Studies 3.0

TMA121 Voice & Diction - Voice & Diction 2.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA140 Script Analysis - Script Analysis 2.0

TMA251 Playwriting 1 - Playwriting 1 3.0

TMA252 Puppetry - Puppetry 2.0

TMA257 Storytelling - Storytelling 2.0

TMA266 Principles of Stage Craft - Principles of Stage Craft 2.0

TMA267 Principles of Makeup - Principles of Makeup 2.0

TMA375 Creative Drama - Creative Drama 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA392 Children's Media - Children's Media 3.0

TMA455R Theatre Tour - Theatre Tour - *You may take once* 3.0

Art Education K-12 (BA) *

Program Information

Minimum Credit Hours
80

Maximum Credit Hours
80

Major Academic Plan
MAPS - BA in Art Education K-12 2026-2027.docx

Learning Outcomes

Title
Community, Research, Lifelong Learning, and Service

Learning Outcome
Students will actively engage in communities of learning through collaborative inquiry, research, and service.

Title
Curriculum Theory

Learning Outcome
Students will construct curricula and other professional materials that reflect current practices and theories in art and education.

Title
Studio Practice

Learning Outcome
Students will develop a studio practice that connects to their identity as an art educator and that includes the breadth of media and skills required of art educators in schools.

Title
Teaching Experience

Learning Outcome
Students will demonstrate sound teaching practices in a variety of contexts.

Title
Professional Licensure

Learning Outcome
Students will fulfill all professional licensure requirements and standards as required by the Art Education Program the McKay School of Education and University Standards for Educational Preparation Programs.

Title
Spiritual Dimension of Art Education

Learning Outcome
Students will demonstrate their ability to consider complex questions and personal responsibilities associated with art and education in the light of gospel principles.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Courses

Core courses:

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART 226 - Ways of Being an Artist 3.0

Requirement 2 — Complete 3 hours

Note: FBI fingerprint and background clearance must be completed before enrolling in ARTED 276.

ARTED276 Intro to K-12 Art & Design Ed - Intro K-12 Art & Design Mthds 3.0

Obtain acceptance into the Art Education K-12 BA program.

Requirement 3 — Complete 3 of 4 Courses

First-year foundation courses:

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

Requirement 4 — Complete 3 Courses

Second-year foundation courses:

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART260 Photo Fundamentals - Photo Fundamentals 1.5

Requirement 5 — Complete 6 hours

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

Requirement 6 — Complete 2 Courses

Advanced ARTED studio courses:

ARTED339 Computer Application in Art Ed - Computer Application in Art Ed 3.0

ARTED450 Adv Sec Stu Tchg Mthds Art Ed - Adv Sec Stu Tchg Mthds Art Ed 3.0

Requirement 7 — Complete 1 of 4 Courses

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ART326 Current Art Practice - Current Art Practice 3.0

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART 341 - Gallery Practices for Artists 3.0

ARTED380 Museum Art Education - Museum Art Education 3.0

Requirement 8 — Complete 4 Courses

ARTED 326 - Art for Elementary Teachers 3.0

ARTED378 K-12 ClssrmMgmt,3D Mthds&Pract - K-12 ClssrmMgmt,3D Mthds&Pract 3.0

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTED478 Art Curr,Assessmnt,Mthds K-12 - Art Curr,Assessmnt,Mthds K-12 3.0

Requirement 9 — Complete 1 hour

Complete 1 credit hour of Art 395R (2 registrations):

ART395R Studio Seminar - Studio Seminar - *You may take 2 times* 0.5

Requirement 10 — Complete 5 Courses

Additional licensure requirements:

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Complete an interview with advisor.

Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 11 — Complete 12 hours

ARTED476R Art Education Student Teaching - Art Education Student Teaching - *You may take up to 12.0 credit hours* 1.0v

ARTED496R Art Education Internship - Art Education Internship - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns are required to complete the PPAT assessment, administered by Educational Testing Services as a licensure requirement.

Art History & Curatorial Studies (BA)

Program Information

Minimum Credit Hours
42

Maximum Credit Hours
68

Major Academic Plan
MAPS - BA in Art History and Curatorial Studies 2026-2027.docx

Learning Outcomes

Title
Art History in the Western World

Learning Outcome
Students will acquire a solid foundation in the discipline of art history of the Western world.

Title
Critical Thinking & Research Skills

Learning Outcome
Students will develop advanced art historical analytical and research skills.

Title
Effective Writing

Learning Outcome
Students will write engaging and sophisticated art historical research papers that demonstrate original thought. This is an area to which we would like to direct our focus because we desperately need to cultivate better writers in our area.

Title
Effective Communication and Presentation

Learning Outcome
Students will demonstrate their ability to effectively present their ideas through verbal expression. One of the casualities of Covid was student presentations in person. We hope that this changes soon.

Title
Cultural and Professional Experience

Learning Outcome
Students will visit and experience important works of art, as well as the institutions and/or professional venues where art history is practiced.

Program Requirements

Requirement 1 — Complete 5 Courses

ART200 Studio Tech for Art History - Studio Tech for Art History 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

ARTHC300 Theory & Methodology - Theory & Methodology 3.0

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 — Complete 1 of 2 Courses

Ancient art:

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

Requirement 3 — Complete 1 of 2 Courses

Medieval art:

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

Requirement 4 — Complete 1 of 2 Courses

Renaissance art:

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

Requirement 5 — Complete 1 of 2 Courses

Baroque art:

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

Requirement 6 — Complete 1 of 4 Courses

Nineteenth-century art:

ARTHC337 18th-Century European Art - 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

Requirement 7 — Complete 1 of 5 Courses

Modern art:

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC379 History of Photography - History of Photography 3.0

Requirement 8 — Complete 1 of 3 Courses

Non-Western art:

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

Requirement 9 — Complete 1 of 14 Courses

Language requirement:

FREN201 Intermediate French, Part 1 - Intermediate French, Part 1 4.0

FREN315 Focused French Readings - Focused French Readings 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

GERM201 2nd Yr German - 2nd Yr German 4.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM595R German for Reading - German for Reading - *You may take once* 3.0

ITAL201 Intermediate Italian 1 - Intermediate Italian 1 4.0

ITAL315 Focused Readings in Italian - ITAL 315 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 PORT 201 - Third-Semester Portuguese 4.0

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 5.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

Requirement 10 — Complete 1 of 2 Options

Complete one of the following tracks:

Option 10.1 — Complete 2 Requirements

Academic Track:

Requirement 10.1.1 — Complete 3 hours

Complete three hours from one of the following capstone courses:

ARTHC498 Senior Thesis/Capstone Exper - Senior Thesis/Capstone Exper 3.0

ARTHC 499R - Honors Thesis - *You may take once* - This course is no longer available for *registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

Requirement 10.1.2 — Complete 4 of 25 Courses

Complete four courses from any of the following upper-division core courses not already taken:

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC360 Intro Mus Cur/Stds - Intro Mus Cur/Stds 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take 2 times* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take 2 times* 1.0v

ARTHC496R Off-Campus Internship - Off-Campus Internship - *You may take once* 3.0

Option 10.2 — Complete 4 Requirements

Professional Track:

Requirement 10.2.1 — Complete 1 Course

Complete the following capstone course:

ARTHC497 Art History Business Capstone - Art History Business Capstone 3.0

Requirement 10.2.2 — Complete 1 of 2 Courses

Complete one of the following courses:

FIN201 Principles of Finance - Principles of Finance 3.0

MSB250 Financial Management - Financial Management 3.0

Requirement 10.2.3 — Complete 2 Courses

Complete the following two courses:

ACC200 Principles of Accounting - Principles of Accounting 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 10.2.4 — Complete 3 hours

Complete one course from any of the upper-division core courses not already taken:

ARTHC301 Women in Art - Women in Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC360 Intro Mus Cur/Stds - Intro Mus Cur/Stds 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC379 History of Photography - History of Photography 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take once* 1.0v

ARTHC492R Special Studies on Site - Special Studies on Site - *You may take once* 1.0v

ARTHC496R Off-Campus Internship - Off-Campus Internship - *You may take once* 3.0

Graphic Design (BFA) *

Program Information

Minimum Credit Hours
72.5

Maximum Credit Hours
73.5

Major Academic Plan
MAPS - BFA in Graphic Design 2026-2027.docx

Learning Outcomes

Title
1. Design with purpose and impact.

Learning Outcome
Students will be able to conceive and produce visual communication that informs, inspires, and uplifts, integrating form, function, and meaning to address human needs and promote positive cultural change.

Title
2. Think critically and create conceptually.

Learning Outcome
Students will be able to analyze complex problems, generate innovative solutions, and express a distinctive personal and moral voice in their work by applying design thinking, research, and visual strategy.

Title
3. Communicate effectively across media.

Learning Outcome
Students will be able to adapt design solutions across print, digital, interactive, and emerging media with clarity and creativity while demonstrating fluency in typography, composition, and visual hierarchy.

Title
4. Engage design within historical, cultural, and gospel contexts.

Learning Outcome
Students will be able to evaluate design in its historical and social dimensions, recognize its influence on culture and belief, and align their creative practice with gospel principles that promote truth and goodness.

Title
5. Practice design ethically and sustainably.

Learning Outcome
Students will be able to choose and implement design methods that are ethical, sustainable, and socially responsible, anticipating the economic, environmental, spiritual, and cultural consequences of their decisions.

Title
6. Become reflective, resilient, and service-oriented designers.

Learning Outcome
Students will become lifelong learners who collaborate effectively, communicate professionally, and approach design as a form of discipleship, using their talents to serve, teach, and elevate others.

Program Requirements

The Graphic Design BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESGD 145 and submit an online portfolio of their work. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.

Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.

Requirement 1 —Complete 1 Course

Prerequisite Course:

DESGD145 Design 1 - Design 1 3.0

Apply for pre-BFA status via portfolio review.

Requirement 2 —Complete 3 Courses

Foundational Courses:

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD260 Interface & Usability - Interface & Usability 3.0

Apply to the Graphic Design BFA program via portfolio review. After admission to the major, complete the following:

Requirement 3 —Complete 10 Courses

After admission to the major, complete the following:

Graphic Design Core:

DES280 Motion Concepts - Motion Concepts 3.0

DESGD340 Branding 1 - Branding 1 3.0

DESGD341 3-Dimensional Design - 3-Dimensional Design 3.0

DESGD343 Typography 2 - Typography 2 3.0

DESGD362 Interactive Typographic Sys - Interactive Typographic Sys 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD411R Graphic Design Field Study - Graphic Design Field Study 0.5

DESGD440 Branding 2 - Branding 2 3.0

DESGD441R Design Lab - Design Lab - *You may take once* 3.0

DESGD442 Portfolio - Portfolio 3.0

Requirement 4 —Complete 9 hours

Elective Courses:

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DES480 3D Motion - 3D Motion 2 3.0

DESGD248R Letterpress Studio - Letterpress Studio - *You may take once* 3.0

DESGD394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0v

DESGD460 Adv Interaction Design - Adv Interaction Design 3.0

DESGD491R Collab Des: Brand & Strategy - Collab Des: Brand & Strategy - *You may take once* 3.0

History & Critical Studies Courses:

Requirement 5 —Complete the following course twice:

DES311R Design Lecture Series - Design Lecture Series - *You may take 2 times* 0.5

Requirement 6 —Complete 4 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESGD349 History of Graphic Desgn - History of Graphic Design 3.0

Requirement 7 — Complete 1 of 2 Options

Option 7.1 — Complete 2 Courses

DESGD490 BFA Capstone Project: Research - BFA Capstone Project: Research 3.0

DESGD497 Project Implementation - Project Implementation 3.0

Option 7.2 — Complete 2 Courses

DESGD492 Collab. UX Design: Research - Collab. UX Design: Research 3.0

DESPX497R Product Design Capstone - Product Design Capstone - *You may take once* 3.0

Career & Business Courses:

Requirement 8 —Complete 1 Course

DESGD488 Studio Practices for Designers - Studio Practices for Designers 2.0

Requirement 9 —Complete 1 hour

DES496R Academic Internship - Academic Internship - *You may take once* 6.0v

Requirement 10 —Complete 1 of 5 Courses

COMMS230 Intro Creative Advertising - Intro Creative Advertising 3.0

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

ENT 434R - New Venture LaunchPad - *You may take once* 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

Illustration (BFA) *

Program Information

Minimum Credit Hours
72

Maximum Credit Hours
72

Major Academic Plan
MAPS - BFA in Illustration 2026-2027.docx

Learning Outcomes

Title
Creativity + Conceptual Innovation

Learning Outcome
Students will be able to creatively solve visual problems through conceptually innovative illustration that integrates both symbolic and literal image-making strategies.

Title
Artistic Voice + Expression

Learning Outcome
Students will be able to develop and communicate a mature artistic voice, synthesizing elements of style to produce work that reflects originality, critical engagement, and awareness to of a range of ethical and conceptual perspectives.

Title
Media + Technology

Learning Outcome
Students will be able to demonstrate proficient and intentional mastery in a variety of illustration mediums, applying technical skills to articulate complex visual ideas with nuance and expressive depth.

Title
Mentorship + Collaboration

Learning Outcome
Students will be able to participate in mentored and collaborative relationships, incorporating critical feedback and spiritual reflection that builds an environment of creative support.

Title
Professionalism + Business Strategy

Learning Outcome
Students will be able to apply professional and artistic business strategies in support of their illustration practice, demonstrating the ability to manage creative projects and navigate client relationships to position their work for success in the contemporary illustration industry.

Title
Spiritual + Ethical Practice

Learning Outcome
Students will be able to develop and execute illustrations that embody spiritually uplifting themes, employing thoughtful creative practices that engage and reflect socially responsible perspectives within classroom environments.

Title
Written Expression + Historical Context

Learning Outcome
Students will be able to critically articulate an understanding of the historical development of illustration, analyzing its origins and evaluating its evolving relationship to written communication and narrative expression through the lens of relevant art-historical and visual-culture theories.

Title
Adaptive Thinking

Learning Outcome
Students will be able to respond and adapt to emerging illustration technologies, demonstrating flexible, forward-thinking approaches to artistic expression that responds to an evolving creative industry.

Program Requirements

The Illustration BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESIL101 and submit an online portfolio of their work to obtain pre-BFA status. Pre-BFA status application deadlines are at the end of Fall semester, Winter semester, and Spring term. Successful applicants will go on to complete foundational courses before applying for admissions to the Illustration BFA major.

Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.

Requirement 1 —Complete 1 Course

Prerequisite Course:

DESIL101 Drawing & Composition - Drawing & Composition 3.0

Apply for pre-BFA status via portfolio review.

Requirement 2 —Complete 3 Courses

Foundational Courses:

DES150 Intro to Life Drawing - Intro to Life Drawing 3.0

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

Apply to the Illustration BFA program.

Requirement 3 —Complete 9 Courses

After admission to the major, complete the following:

DES280 Motion Concepts - Motion Concepts 3.0

DESIL230 Painting Fundamentals - Painting Fundamentals 3.0

DESIL240 Intermed. Digital Illustration - Intermed. Digital Illustration 3.0

DESIL243 Typography 1 - Typography 3.0

DESIL250 Intermediate Life Drawing - Intermediate Life Drawing 3.0

DESIL263 Narrative Illustration - Narrative Illustration 3.0

DESIL330 Message + Meaning- Message + Meaning 3.0

DESIL350 Adv. Life Drawing - Adv. Life Drawing 3.0

DESIL352 Environment Design - Environment Design 3.0

Requirement 4 —Complete the following course twice

DES311R Design Lecture Series - Design Lecture Series 0.5

History & Critical Studies Courses:

Requirement 5 —Complete 4 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

Requirement 6 —Complete 4 Courses

DESIL451 Senior Illustration Studio - Senior Illustration Studio 1 3.0

DESIL488 Prof Practices for Illustrator - Prof Practices for Illustrator 2.0

DESIL490 ILL Capstone Project: Research - ILL Capstone Project: Research 2.0

DESIL497 Capstone Project: Implem. - Capstone Project: Implem. 2.0

Requirement 7 —Complete 12 hours

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

CSANM340 Game Design - Game Design 2.0

DES394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DES383 Analog Motion - Analog Motion 3.0

DES480 3D Motion - 3D Motion 3.0

DES496R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 6.0v

DESAN260 Basic Storyboarding - Basic Storyboarding 3.0

DESGD245 Design 2 - Design 2 3.0

DESIL340 3D Digital Illustration - 3D Digital Illustration 3.0

DESIL357 Sketchbook - Sketchbook 3.0

DESIL358 Character Design - Character Design 3.0

DESIL394R Special Topics - Special Topics - *You may take up to 6.0 credit hours* 3.0

DESIL450 Painting the Human Head - Painting the Human Head 3.0

DESIL457R Concept Design - Concept Design - *You may take up to 3.0 credit hours* 1.5

DESIL498R Directed Studies in Illustratn - Directed Studies in Illustratn - *You may take once* 1.0v

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

Photo- & Lens- Based Design (BFA) *

Program Information

Minimum Credit Hours
71

Maximum Credit Hours
72

Major Academic Plan
MAPS - BFA in Photo-& Lens-Based Design 2026-2027.docx

Learning Outcomes

Title
1. Technical and Conceptual Mastery in Imaging

Learning Outcome
Students will be able to demonstrate technical proficiency in traditional, digital, and moving-image processes—including lighting, image/video creation, and post-production—while applying sound reasoning, creative problem solving, and visual communication strategies to convey meaningful ideas. Their work will reflect the maturation of technical, aesthetic, and conceptual skills expected of emerging professionals in photo and lens-based media.

Title
2. Historical, Theoretical, and Cultural Literacy

Learning Outcome
Students will be able to critically analyze photographic history, contemporary art theory, and visual culture—drawing connections between disciplinary knowledge, spiritual perspectives, and contemporary artistic and technological trends. Students develop an understanding of how their work operates within broader cultural and historical contexts.

Title
3. Spiritually Grounded Creative Practice

Learning Outcome
Students will be able to create photographic and moving-image works that reflect thoughtful engagement with spiritual perspectives, personal values, and ethical considerations as part of their artistic inquiry and professional practice. Students learn to integrate authenticity, purpose, and reflective awareness into their creative practice.

Title
4. Independent Ideation, Critical Thinking, and Creative Inquiry

Learning Outcome
Students will be able to generate, research, and articulate innovative ideas; engage in rigorous conceptual development; and produce work that demonstrates independent thought, critical analysis, moral discernment, and the ability to situate their voice within broader artistic and societal conversations. This process fosters a personal vision and fluency in the language and craft of photo and lens-based media.

Title
5. Professional Integrity and Discipleship in the Visual Arts

Learning Outcome
Students will be able to apply ethical business practices, collaborate effectively, communicate with professionalism, and make decisions grounded in honesty, accountability, and integrity. Students develop the capacity to navigate the creative industry with professionalism and consistent ethical standards.

Title
6. Lifelong Learning, Service, and Civic Contribution through the Arts

Learning Outcome
Students will be able to identify pathways for continued growth—such as graduate study, professional advancement, community engagement, or service—and use their creative, social, and technical skills to strengthen communities and contribute meaningfully to cultural and social environments. Students are prepared to carry forward habits of continual learning and use their abilities to enrich the lives of others.

Program Requirements

The Photo- & Lens- Based Design BFA program is a limited enrollment program requiring department admissions approval. Interested students should declare their pre-major intent, complete DESPH 116 and submit an online portfolio of their work. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.

Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.

Requirement 1 —Complete 1 Course

Prerequisite Course:

DESPH116 Introduction to Photography - Introduction to Photography 3.0

Apply for pre-BFA status via portfolio review.

Requirement 2 —Complete 2 Courses

Foundational Courses:

DESPH120 Concept. Pract & Creative Expl - Concept. Pract & Creative Expl 3.0

DESPH260 Filmmaking 01 - Filmmaking 01 3.0

Apply to the Photo- & Lens- Based Design BFA program via portfolio review.

Requirement 3 —Complete 12 Courses

After admission to the major, complete the following:

DES280 Motion Concepts - Motion Concepts 3.0

DES480 3D Motion - 3D Motion 3.0

DESPH240 Lighting 1 - Lighting 1 3.0

DESPH250 Lighting 2 - Lighting 2 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

DESPH273 Digital Imaging & Compositing - Digital Imaging & Compositing 3.0

DESPH276 Visual Storytelling - Visual Storytelling 3.0

DESPH360 Filmmaking 02 - Filmmaking 02 3.0

DESPH377R Alt Photo Processes - Alt Photo Processes - *You may take once* 3.0

DESPH378 Junior Portfolio - Junior Portfolio 3.0

DESPH388 Professional Practices - Professional Practices 2.0

DESPH475 Location Production - Location Production 3.0

Requirement 4 —Complete the following course twice

DES311R Design Lecture Series - Design Lecture Series 0.5

Requirement 5 —Complete 4 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

DESPH379 History of Photography - History of Photography 3.0

Requirement 6 —Complete 2 Courses

DESPH490 BFA Project: Research - BFA Project: Research 1.0

DESPH497 BFA Capstone Project - BFA Capstone Project 3.0

Requirement 7 —Complete 2 hours

DES496R Academic Internship - Academic Internship - *You may take 2 times* 6.0v

Requirement 8 —Complete 1 of 3 Courses

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

STDEV317 Job Search Strategies - Career Strategies 2.0

Requirement 9 —Complete 3.0 hours

Studio Courses:

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - 3.0

DESPH394R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 3.0v

Animation (BFA) *

Program Information

Minimum Credit Hours
65

Maximum Credit Hours
65

Major Academic Plan
MAPS - BFA in Animation 2026-2027.docx

Learning Outcomes

Title
Artistic Development and Proficiency

Learning Outcome
Animation graduates will be able to implement fundamental design narrative and animation skills and will demonstrate proficiency in at least one of these areas.

Title
Technological Development and Proficiency

Learning Outcome
Animation graduates will be able to apply problem-solving abilities in the technical processes of modeling lighting rigging animation and special effects and will demonstrate proficiency in at least one of these areas.

Title
Collaboration and Professionalism

Learning Outcome
Animation graduates will be able to engage in the collaborative production processes of animation and exhibit professional behavior while creating interdisciplinary creative works.

Title
Spirituality

Learning Outcome
Ethics and Animation Animation graduates will be able to critically examine spiritual values and ethical issues relevant to their respective experiences in the entertainment industry.

Title
History and Critical Thinking

Learning Outcome
Animation graduates will be able to implement ideas and principles from the history of animation and art in general by identifying the meaning and purpose of major works and movements within the context of their own projects.

Program Requirements

The Animation BFA program is a limited enrollment program requiring departmental admissions approval. Interested students should declare pre-major intent and complete DESAN 101. Based upon review of work completed in DESAN 101, students will be promoted to pre-BFA Animation status. Successful applicants will go on to complete the foundational courses before applying for admissions to the Animation BFA major through a portfolio review in June.

Only students granted pre-BFA status are to complete the foundational courses and then may apply for the BFA professional program through a portfolio review in June.

Requirement 1 — Complete 1 Course

Prerequisite courses:

DESAN101 Intro to Animation - Intro to Animation 1.0

Apply for pre-BFA status via portfolio review.

Requirement 2 — Complete 3 Courses

Foundational courses:

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESAN102 Drawing Fundamentals- Drawing Fundamentals 3.0

C S110 How to Program - How to Program 3.0

Apply to the Animation BFA program.

Requirement 3 — Complete 8 Courses

After admission to the major, complete the following:

CSANM210 Visual Narrative - Visual Narrative 3.0

CSANM250 Interm 3D Computer Graphics - Interm 3D Computer Graphics 2.0

CSANM258 Scripting for Animation - Scripting for Animation 3.0

DESAN250R Gesture Drawing - Gesture Drawing - *You may take once* 3.0

DESAN262 Animation 1 - Beginning Char Anim 3.0

DESAN363R Experimental Anim & Prod. - Experimental Animation and Production - *You may take once* 1.5

DESAN460 Business & Ethics in Animation - Business & Ethics in Animation 2.0

TMA102 Introduction to Film - Introduction to Film 3.0

Requirement 4 — Complete 1 of 2 Courses

CSANM252 Intro 3D Animation - Technical Animation 3.0

DESAN275 Technical Drawing - Technical Drawing 3.0

Requirement 5 — Complete 1 of 2 Courses

CSANM354 Materials and Surfacing - Materials & Surfacing 3.0

DESAN265 Visual Development - Visual Development 3.0

History & Critical Studies Courses:

Requirement 6 — Complete 1 of 2 Course

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - *You may take once* 3.0

Requirement 7 —Complete 6 hours

CSANM450 Animated Film Production 2 - Animated Film Production 2 - *You may take once* 3.0

CSANM452 Animated Film Production 3 - Animated Film Production 3 - *You may take once* 3.0

CSANM460 Video Game Production 2 - Video Game Production 2 - *You may take once* 3.0

CSANM497R BFA Final Project - BFA Final Project - *You may take once* 3.0v

DESAN359 Video Game Pre-Production - Video Game Pre-Production 3.0

DESAN397R Pitching for Film & Games - Pitching for Film & Games - *You may take once* 1.5

DESAN462 Capstone: Anim. Analysis - Capstone: Anim. Analysis 3.0

DESAN496R Film Pre-Production - Film Pre-Production - *You may take once* 1.5

DESAN497R BFA Independent Film Productn - BFA Independent Film Productn - *You may take once* 3.0v

Requirement 8 — Complete 3 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

TMA294 History of Animation - History of Animation 3.0

Requirement 9 — Complete 1 of 5 Courses

DES390 Design Theory - Design Theory 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

DESPH379 History of Photography - History of Photography 3.0

TMA291 Film History 1 - Film History 1 3.0

TMA292 Film History 2 - Film History 2 3.0

Requirement 10 — Complete 8.0 hours

(Courses completed above do not double count to fulfill this requirement.)

C S111 Intro to Computer Science - Intro to Computer Science 3.0

CSANM340 Game Design - Game Design 2.0

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM351R Lighting for 3D Graphics - Lighting for 3D Graphics - *You may take once* 3.0

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM353 Previsualization - Previsualization 3.0

CSANM354 Materials and Surfacing - Materials & Surfacing 3.0

CSANM454 Advanced Shading - Advanced Shading 3.0

CSANM458R 3D Visual Effects - 3D Visual Effects - *You may take up to 6.0 credit hours* 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - 3.0

CSANM494R Special Problems in Animation - Special Projects - *You may take once* 3.0v

DES311R Design Lecture Series - Design Lecture Series - *You may take 2 times* 0.5

DES280 Motion Concepts - Motion Concepts 3.0

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - 3D Motion 2 3.0

DESAN260 Basic Storyboarding - Basic Storyboarding 3.0

DESAN265 Visual Development - Visual Development 3.0

DESAN282 Animation 2 - Animation 2 3.0

DESAN350 Adv Gesture Drawing - Advanced Gesture Drawing 3.0

DESAN352 Animation 3 - Animation 3 3.0

DESAN360R Advanced Storyboarding - Advanced Storyboarding - *You may take once* 3.0

DESAN361R Character Design - Character Design - *You may take once* 3.0

DESAN362R Animation 4 - Animation 4 - *You may take once* 3.0

DESAN364R Digital Sculpting - Digital Sculpting - *You may take once* 3.0

DESAN365R Digital Painting - Digital Painting - *You may take once* 3.0

DESAN394R Special Topics - Special Topics - *You may take once* 0.5v

DESAN450 Adv. Life Drawing - Adv. Life Drawing 3.0

DESAN480 Storyboard Portfolio - Storyboard Portfolio 3.0

DESAN486R Intellectual Properties - Intellectual Properties - *You may take once* 3.0v

DESAN497R BFA Independent Film Productn - BFA Independent Film Productn - *You may take once* 3.0v

DESAN498R Directed Studies in Animation - Directed Studies in Animation - *You may take once* 6.0v

DESIL352 Environment Design - Environment Design 3.0

DESIL350 Adv. Life Drawing - Adv. Life Drawing 3.0

DESPH270 Intro to B/W Photography - Intro to B/W Photography 3.0

TMA123 Acting Fundamentals - Acting Fundamentals 2.0

TMA241 Screenwriting 1 - Screenwriting 1 3.0

Art (BFA) *

Program Information

Minimum Credit Hours
68.5

Maximum Credit Hours
68.5

Major Academic Plan
MAPS - BFA in Art 2026-2027.docx

Learning Outcomes

Title
Art History and Context

Learning Outcome
Students will examine art past and present through required on and off-campus learning experiences and locate their work within this larger context.

Title
BFA Final Project and Portfolio

Learning Outcome
Students will meet the requirements for the BFA program including the BFA final project and the BFA exit portfolio and will demonstrate artistic maturity as evidenced through their final project.

Title
Skill Development and Proficiency

Learning Outcome
Students will exhibit fundamental knowledge and skill in painting drawing printmaking ceramics sculpture photography and new genres.

Title
Spirituality, Ethics, and Art

Learning Outcome
Ethics and Art Students will critically examine spiritual values and ethical issues relevant to art.

Title
Professional Development

Learning Outcome
Students will demonstrate an awareness of and preparation for graduate studies teaching opportunities professional gallery work or other art and non-art related opportunities that might incorporate collaboration in an interdisciplinary environment.

Program Requirements

Requirement 1 — Complete 3 Courses

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 —Complete 8 Courses

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 1.5

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

Be admitted to the BFA program. BFA application instructions are available at this website: http://art.byu.edu.

Requirement 3 — Complete 4 hours

ART480R Advanced Studio - Advanced Studio - *You may take up to 4.0 credit hours* 1.0v

Requirement 4 —Complete 19.5 hours

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART341 Gallery Practices for Artists - Gallery Practices for Artists 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take 3 times* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take up to 9.0 credit hours* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 5 —Complete 2 hours

ART395R Studio Seminar - Studio Seminar - *You may take up to 2.0 credit hours* 0.5

Requirement 6 —Complete 2 Courses

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART497 BFA Final Project & Exit Portf - BFA Final Project & Exit Portf 1.0

Requirement 7 —Complete 3 Courses

Art History and Criticism:

ART326 Current Art Practice - Current Art Practice 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Note: It is recommended that students interested in pursuing interdisciplinary studies use university elective hours to complete a minor or courses that are relevant to and enhance their interdisciplinary focus and goals.

Art (BA): Studio Emphasis

Program Information

Minimum Credit Hours
59.5

Maximum Credit Hours
59.5

Major Academic Plan
MAPS - BA in Art Studio 2026-2027.docx

Learning Outcomes

Title
Visual Arts History, Concepts, and Processes

Learning Outcome
Concepts and Processes Students will demonstrate a comprehension of fundamental concepts processes history and criticism of visual arts.

Title
Aesthetic Development

Learning Outcome
Students will develop a personal sensitivity to the aesthetics of visual art.

Title
Spirituality, ethics, and Visual Arts

Learning Outcome
Ethics and the Visual Arts Students will critically examine spiritual values and ethical issues relevant to art.

Title
Career Development

Learning Outcome
Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities.

Title
Skill Development

Learning Outcome
Students will demonstrate competency in traditional experimental and/or cross-disciplinary approaches to art making.

Program Requirements

Requirement 1 — Complete 3 Courses

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 —Complete 7 Courses

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 3 —Complete 3 Courses

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Requirement 4 —Complete 21 hours

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART341 Gallery Practices for Artists - Gallery Practices for Artists

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D: Sculpture with Digital Tools 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 5 — Complete 1.5 hours

ART395R Studio Seminar - Studio Seminar - *You may take 3 times* 0.5

Requirement 6 — Complete 1 Course

Complete Art 490 during the final semester.

Interdisciplinary Design (BA) *

Program Information

Minimum Credit Hours
55.5

Maximum Credit Hours
57.5

Major Academic Plan
MAPS - BA in Interdisciplinary Design 2026-2027.docx

Learning Outcomes

Title
Communication Through Design

Learning Outcome
Students will be able to understand the basic principles of design, including composition, color and visual form.

Title
Visual Culture

Learning Outcome
Students will be able to identify international design artifacts throughout history and recognize their influence on contemporary visual culture.

Title
Career Survey

Learning Outcome
Students will be able to survey the potential career paths within their chosen emphasis and identify the current challenges in the fields.

Title
Technical Skill Development

Learning Outcome
Students will be able to demonstrate the basic skills of their chosen emphasis, including representational drawing, principles of motion, photography, and graphic design.

Program Requirements
The Interdisciplinary Design BA program is a limited enrollment program requiring departmental admissions approval. Interested students should declare their pre-major intent, complete either DESGD 145, DESIL 101, DESPH 116 or DESPX 115 and submit an online portfolio of work to obtain pre-BA status. Pre-major application deadlines are at the end of Fall semester, Winter semester, and Spring term.

Only students granted pre-BA status are to complete the foundational courses and then may apply for the BA program through a portfolio review in June. Accepted major students will be assigned a faculty advisor who will assist in completing a program plan, approve hybrid track and provide information about post-graduate preparation.

Requirement 1 — Complete 1 of 3 Options

Based on your hybrid track, complete one option: Prerequisite Courses:

Option 1.1 — Complete 1 of 2 Courses

Illustration + Graphic Design

DESGD145 Design 1 - Design 1 3.0

DESIL101 Drawing & Composition - Drawing & Composition 3.0

Option 1.2 — Complete 1 of 2 Courses

Photo and Lens based Design + Graphic Design

DESGD145 Design 1 - Design 1 3.0

DESPH116 Introduction to Photography - Introduction to Photography 3.0

Option 1.3 — Complete 1 of 2 Courses

Physical Product Design + Graphic Design

DESGD145 Design 1 - Design 1 3.0

DESPX115 Product & UX Design 1 - Product & UX Design 1 3.0

Apply for pre-BA status via portfolio review.

Requirement 2 — Complete 1 of 3 Options

Based on your hybrid track, complete one option: Foundational Courses

Option 2.1 — Complete 2 Requirements

Illustration + Graphic Design

Requirement 2.1.1 — Complete 1 of 2 Courses

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

Requirement 2.1.2 —Complete 1 of 2 Courses

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

Option 2.2 —Complete 2 Requirements

Photo and Lens based Design + Graphic Design

Requirement 2.2.1 — Complete 1 of 2 Courses

DESPH120 Concept. Pract & Creative Expl - Intro to Digital Imaging 3.0

DESPH260 Filmmaking 01 - Filmmaking 01 3.0

Requirement 2.2.2 — Complete 1 of 2 Courses

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

Option 2.3 — Complete 2 Requirements

Physical Product Design + Graphic Design

Requirement 2.3.1 —Complete 1 of 2 Courses

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

Requirement 2.3.2 —Complete 1 Course

DESPX220 Intro to Physical Product - Intro to Physical Product 3.0

Requirement 3 — Complete 1 Course

DES198 Intro to Interdisc. Design - Intro to Interdisc. Design - 0.5

Apply to the Interdisciplinary Design BA program.

After admission to the major, complete the following requirements based upon your hybrid track.

Requirement 4 — Complete 3 Courses

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

DES390 Design Theory - Design Theory 3.0

Requirement 5 — Complete 1 of 3 Options

Based on your hybrid track, complete one option:

Option 5.1 — Complete 2 Courses

Illustration + Graphic Design

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

DESIL354 Survey of Illustration History - Survey of Illustration History 3.0

Option 5.2 — Complete 2 Courses

Photo- and Lens-based Design + Graphic Design

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

DESPH379 History of Photography - History of Photography 3.0

Option 5.3 — Complete 2 Courses

Physical Product Design + Graphic Design

DESGD349 History of Graphic Desgn - History of Graphic Desgn 3.0

IP&T420 Design Psychology - Design Psychology 3.0

Requirement 6 — Complete 1 hour

Complete the following course twice:

DES311R Design Lecture Series - Design Lecture Series - 0.5

Requirement 7 — Complete 1 of 3 Options

Option should be based on your hybrid track:

COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THE REQUIREMENT

Option 7.1 — Complete 15 hours

Illustration + Graphic Design

DES280 Motion Concepts - Motion Concepts 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESGD248R Letterpress Studio - Letterpress Studio - *You may take once* 3.0

DESGD346R Practicum in Graphic Design - Practicum in Graphic Design - *You may take once* 3.0

DESIL130 Illustration Fundamentals - Illustration Fundamentals 3.0

DESIL140 Intro to Digital Illustration - Intro to Digital Illustration 2.0

DESIL240 Intermed. Digital Illustration - Intermed. Digital Illustration 3.0

Option 7.2 — Complete 15 hours

Photo- and Lens-based Design + Graphic Design

DES280 Motion Concepts- Motion Concepts 3.0

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

DESPH120 Concept. Pract & Creative Expl - Intro to Digital Imaging 3.0

DESPH240 Lighting 1 - Lighting 1 3.0

DESPH260 Filmmaking 01 - Filmmaking 01 3.0

DESPH276 Visual Storytelling - Visual Storytelling 3.0

Option 7.3 — Complete 3 Requirements

Physical Product Design + Graphic Design

Requirement 7.3.1 — Complete 1 of 2 Courses

DESGD260 Interface & Usability - Interface & Usability 3.0

DESPX260 Intro to Digital Product - Intro to Digital Product 3.0

Requirement 7.3.2 — Complete 1 of 2 Courses

DESGD243 Typography 1 - Typography 1 3.0

DESGD245 Design 2 - Design 2 3.0

Requirement 7.3.3 — Complete 3 of 4 Courses

DESPX210 3D Modeling Principles - 3D Modeling Principles 3.0

DESPX214 Materials & Processes - Materials & Processes 3.0

DESPX230 Product Studio 1 - Product Studio 1 3.0

DESPX310 Adv. 3D Modeling - Adv. 3D Modeling 3.0

Requirement 8 — Complete 1 of 3 Options

Based on your hybrid track

COURSES COMPLETED ABOVE DO NOT DOUBLE COUNT TO FULFILL THE REQUIREMENT)

Option 8.1 — Complete 12 hours

Illustration + Graphic Design

DES383 Analog Motion - Analog Motion 3.0

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - 3D Motion 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take once* 3.0v

DESIL394R Special Topics - Special Topics - *You may take once* 3.0

Option 8.2 — Complete 12 hours

Photo- and Lens-based Design + Graphic Design

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - Interdisciplinary Motion 2 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take once* 3.0v

TMA241 Screenwriting 1 - Screenwriting 1 3.0

TMA277 New Media Conceptualization - New Media Conceptualization 3.0

TMA384R Practicum: Cinematic Skills - Practicum: Cinematic Skills - *You may take once* 1.0v

Option 8.3 — Complete 12 hours

Physical Product Design + Graphic Design

DES394R Special Topics - Special Topics - *You may take once* 3.0

DES480 3D Motion - 3D Motion 3.0

DESGD341 3-Dimensional Design - 3-Dimensional Design 3.0

DESGD380 Motion Design - Motion Design 3.0

DESGD394R Special Topics - Special Topics - *You may take once* 0.5v

DESPX230 Product Studio 1 - Product Studio 1 3.0

DESPX310 Adv. 3D Modeling- Adv. 3D Modeling 3.0

Requirement 9 — Complete 1 Course

DES498R Directed Studies - Directed Studies - *You may take once* 2.0

Requirement 10 — Complete 1 of 4 Courses

ENT101 Intro to Entrepreneurship - Intro to Entrepreneurship 3.0

MKTG201 Marketing Management - Marketing Management 3.0

GCI491R Topics in Social Impact - Topics in Social Impact - *You may take once* 1.0v

STDEV317 Job Search Strategies - Career Strategies 2.0

Art (BA): Arts Administration Emphasis

Program Information

Minimum Credit Hours
59.5

Maximum Credit Hours
59.5

Major Academic Plan
MAPS - BA in Arts Administration 2026-2027.docx

Learning Outcomes

Title
Visual Arts History, Concepts and Processes

Learning Outcome
Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts

Title
Aesthetic Development

Learning Outcome
Students will develop a personal sensitivity to the aesthetics of visual art.

Title
Spirituality, Ethics and the Visual Arts

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to art.

Title
Career Development

Learning Outcome
Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities.

Title
Skill Development

Learning Outcome
Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making.

Program Requirements

Requirement 1 — Complete 3 Courses

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 — Complete 7 Courses

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing- Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 3 — Complete 3 Courses

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Requirement 4 — Complete 9 hours

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting- Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

ART353 Time-Based Art- Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

Please note: Courses from Requirement 5 cannot double count for Requirement 4.

Requirement 5 — Complete 4 Courses

ACC200 Principles of Accounting - Principles of Accounting 3.0

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART341 Gallery Practices for Artists - Gallery Practices for Artists 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 6 — Complete 1.5 hours

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

Requirement 7 —Complete 1 Course

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

Art (BA): Printmaking & Book Arts Emphasis

Program Information

Major Academic Plan

MAPS - BA in Art Printmaking & Book Arts 2026-2027.docx

Learning Outcomes

Title
Visual Arts History, Concepts and Processes

Learning Outcome
Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts

Title
Aesthetic Development

Learning Outcome
Students will develop a personal sensitivity to the aesthetics of visual art.

Title
Spirituality, Ethics and the Visual Arts

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to art.

Title
Career Development

Learning Outcome
Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities.

Title
Skill Development

Learning Outcome
Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making.

Program Requirements

Requirement 1 — Complete 3 Courses

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 — Complete 7 Courses

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals- Painting Fundamentals 3.0

ART216 Ceramics Fundamentals- Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals - Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 3 — Complete 3 Courses

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Requirement 4 —Complete 9 hours

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART341 Gallery Practices for Artists - Gallery Practices for Artists 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART357 Digital 3D - Digital 3D 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART360 Advanced Photography - Advanced Photography 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

Please note: Courses from Requirement 5 cannot double count for Requirement 4.

Requirement 5 — Complete 4 of 5 Courses

ART130 Bookbinding - Bookbinding 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

Requirement 6 —Complete 1.5 hours

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

Requirement 7 — Complete 1 Course

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

Art (BA): Technology Emphasis

Program Information

Major Academic Plan

MAPS - BA in Art Art & Technology 2026-2027.docx

Learning Outcomes

Title
Visual Arts History, Concepts and Processes

Learning Outcome
Students will demonstrate a comprehension of fundamental concepts, processes, history and criticism of visual arts

Title
Aesthetic Development

Learning Outcome
Students will develop a personal sensitivity to the aesthetics of visual art.

Title
Spirituality, Ethics and the Visual Arts

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to art.

Title
Career Development

Learning Outcome
Students will demonstrate an awareness of and preparation for traditional and interdisciplinary career opportunities.

Title
Skill Development

Learning Outcome
Students will demonstrate competency in traditional, experimental and/or cross-disciplinary approaches to art making.

Program Requirements

Requirement 1 — Complete 3 Courses

ART102 Intro to Art 2D - Intro to Art 2D 3.0

ART133 Intro to Art 3D - Intro to Art 3D 3.0

ART226 Ways of Being an Artist - Ways of Being an Artist 3.0

Requirement 2 — Complete 7 Courses

ART210 New Genre Interdisciplinary - New Genre Interdisciplinary 3.0

ART215 Painting Fundamentals - Painting Fundamentals 3.0

ART216 Ceramics Fundamentals - Ceramics Fundamentals 1.5

ART217 Sculpture Fundamentals - Sculpture Fundamentals 1.5

ART220 Intro to Drawing & Fig Drawing - Intro to Drawing & Fig Drawing 3.0

ART225 Printmaking Fundamentals- Printmaking Fundamentals 3.0

ART260 Photo Fundamentals - Photo Fundamentals 3.0

Requirement 3 — Complete 3 Courses

ART320 20th Century Art & Theory - 20th Century Art & Theory 3.0

ARTHC201 World Civilization to 1500 - World Civilization to 1500 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

Requirement 4 — Complete 9 hours

ART310 Installation - Installation 3.0

ART321 Drawing - Drawing 3.0

ART327 Painting - Painting 3.0

ART328R Figure Drawing and Painting - Figure Drawing and Painting - *You may take once* 3.0

ART330 Adv. Bookbinding - Adv. Bookbinding 3.0

ART333 Painting : Aqueous Media - Painting : Aqueous Media 3.0

ART334 Painting: Materials & Methods - Painting: Materials & Methods 3.0

ART340 Business Practices for Artists - Business Practices for Artists 3.0

ART341 Gallery Practices for Artists - Gallery Practices for Artists 3.0

ART349 Adv. Pmk: Book, Ltrprs, Relief - Adv. Pmk: Book, Ltrprs, Relief 3.0

ART350 Adv Pmk: Intaglio & Monotype - Adv Pmk: Intaglio & Monotype 3.0

ART351 Adv Pmk: Lithography - Adv Pmk: Lithography 3.0

ART352 Adv. Pmk: Screenprint & Riso - Adv. Pmk: Screenprint & Riso 3.0

ART355 Interdisciplinary Projects - Interdisciplinary Projects 3.0

ART356R Figure Sculpture - Figure Sculpture - *You may take once* 3.0

ART358 Sculpture - Sculpture 3.0

ART359R Ceramics - Ceramics - *You may take once* 3.0

ART394R Special Problems in Art - Special Problems in Art - *You may take once* 0.5v

ART480R Advanced Studio - Advanced Studio - *You may take once* 1.0v

ART496R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 5 — Complete 4 Courses

ART240 Print/Web Dsgn Studio Artists - Print/Web Dsgn Studio Artists 3.0

ART353 Time-Based Art - Time-Based Art 3.0

ART357 Digital 3D - Digital 3D 3.0

ART360 Advanced Photography - Advanced Photography 3.0

Requirement 6 —Complete 1.5 hours

ART395R Studio Seminar - Studio Seminar - *You may take three times* - 0.5

Requirement 7 — Complete 1 Course

ART490 BA Exit Portfolio - BA Exit Portfolio 1.0

Chinese (Minor)

Program Information

Minimum Credit Hours
17.5

Maximum Credit Hours
42

Program Requirements

Complete the following prerequisite courses: Chin 101, 102, 201, 202. (May be waived for students with previous language experience.)

Requirement 1 — Complete 3 Courses

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

Requirement 2 — Complete 1 of 2 Courses

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

Requirement 3 — Complete 1 of 3 Courses

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

Requirement 4 — Complete 1 Course

CHIN311R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN327 Translation & Interpretation - Translation & Interpretation 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN347 Business Chinese - Business Chinese 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

CHIN399R Academic Internship - Academic Internship - *You may take once* 0.5v

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

CHIN490R Individual Study in Chinese - Individual Study in Chinese - *You may take once* 0.5v

CHIN495 Senior Seminar for Majors - Senior Seminar for Majors 2.0

CHIN599R Academic Internship - Academic Internship - *You may take once* 0.5v

Chinese Teaching (Minor)

Program Information

Minimum Credit Hours
27

Maximum Credit Hours
43

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Complete the following prerequisite courses: Chin 101, 102, 201, 202. (May be waived for students with previous language experience.)

Requirement 1 — Complete 5 Courses

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

Requirement 2 — Complete 1 of 2 Courses

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

Requirement 3 — Complete 1 of 2 Courses

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

Requirement 4 — Complete 1 Course

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of "Advanced-Low" in order to be granted Utah state licensure.

Japanese (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
35

Program Requirements

Complete the following prerequisite courses: Japan 101, 102, 201. (May be waived for students with previous language experience.)

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 1 Course

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

Option 1.2 — Complete 2 Courses

JAPAN318 Essential Kanji 1 - Essential Kanji 1 1.0

JAPAN319 Essential Kanji 2 - Essential Kanji 2 1.0

Requirement 2 — Complete 6 Courses

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN311R Advanced Communication - Advanced Communication - *You may take once* 1.0v

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

Japanese Teaching (Minor)

Program Information

Minimum Credit Hours
31

Maximum Credit Hours
45

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Complete the following prerequisite courses: Japan 101, 102, 201, 202. (May be waived for students with previous language experience.)

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 1 Course

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

Option 1.2 — Complete 2 Courses

JAPAN318 Essential Kanji 1 - Essential Kanji 1 1.0

JAPAN319 Essential Kanji 2 - Essential Kanji 2 1.0

Requirement 2 — Complete 7 Courses

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN311R Advanced Communication - Advanced Communication 1.0v

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN377 Language Teaching Procedures - Language Teaching Procedures 3.0

Requirement 3 — Complete 1 of 2 Courses

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

Requirement 4 — Complete 1 Course

JAPAN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of "Advanced-Low" in order to be granted Utah state licensure.

Korean (Minor)

Program Information

Minimum Credit Hours
16.5

Maximum Credit Hours
42

Program Requirements

Complete the following prerequisite courses: Korea 101, 102, 201, 202. (May be waived for students with previous language experience.)

Requirement 1 — Complete 5 Courses

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.0

Requirement 2 — Complete 2 of 14 Courses

KOREA311R Third-Year Conversation - Third-Year Conversation - *You may take once* 1.0v

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA325 Structure of Korean - Structure of Korean 3.0

KOREA343 Premodern Korean Lit in Trans - Premodern Korean Lit in Trans 3.0

KOREA344 Modern Korean Lit in Trans - Modern Korean Lit in Trans 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture -North Korean Culture 3.0

KOREA358R Korean Religions - Korean Religions - *You may take once* 3.0

KOREA399R Academic Internship - Academic Internship - *You may take once* 0.5v

KOREA401 Fourth-Year Korean 1 - Fourth-Year Korean 1 3.0

KOREA402 Fourth-Year Korean 2 - Fourth-Year Korean 2 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

MSB596R Business Language - Business Language - *You may take once* 3.0

Biblical Hebrew (Minor)

Program Information

Minimum Credit Hours
30

Maximum Credit Hours
30

Learning Outcomes

Title
Biblical Translation

Learning Outcome
Read and translate Biblical historical narrative texts with limited use of a lexicon. (Direct 1; Indirect 1, 2, 3)

Title
Verbal System Analysis

Learning Outcome
Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael. (Direct 1, 2; Indirect 1, 2, 3)

Title
Biblical Hebrew Grammar

Learning Outcome
Comprehend Biblical Hebrew grammatical concepts based on standard first year grammars. (Direct 1, 2; Indirect 1, 2, 3)

Program Requirements

Requirement 1 — Complete 2 Courses

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

Requirement 2 — Complete 4 Courses

HEB101 1st-Year Modern Hebrew 1 - 1st-Year Modern Hebrew 1 4.0

HEB231 2nd Yr Hebrew - 2nd Yr Hebrew 4.0

HEB232 2nd-yr Biblical Heb Narrative - 2nd-yr Biblical Heb Narrative 4.0

HEB432R Ancient Hebrew Texts- Ancient Hebrew Texts - *You may take once* 2.0

Requirement 3 — Complete 8 hours

Note: For Ne Lg 511R, choose one or more of the following--Akkadian, Aramaic, Coptic, Dead Sea Scroll, Egyptian, Syriac, Ugaritic.

ANES363 Hebrew Bible Studies - Hebrew Bible Studies 3.0

HEB102 1st-Year Modern Hebrew 2 - 1st-Year Modern Hebrew 2 4.0

HEB313 Readings in the Old Testament - Readings in the Old Testament 3.0

HEB421 Hebrew New Testmnt - Hebrew New Testmnt 3.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

HEB441 Mishnah - Mishnah 2.0

NE LG511R Studies in Anc Near East Lang - Studies in Anc Near East Lang - *You may take once* 0.5v

Modern Hebrew (Minor)

Program Information

Minimum Credit Hours
22

Maximum Credit Hours
30

Learning Outcomes

Title
Speaking

Learning Outcome
Speak Modern Hebrew in a culturally appropriate way in varied settings at the intermediate- high level. (Direct 2 Indirect 1 2)

Title
Reading Comprehension

Learning Outcome
Read and comprehend texts in Modern Hebrew at the intermediate-high level including newspapers and Modern Hebrew literature. (Direct 3 Indirect 1)

Program Requirements

Requirement 1 — Complete 2 Courses

Prerequisite courses:

HEB101 1st-Year Modern Hebrew 1 - 1st-Year Modern Hebrew 1 4.0

HEB102 1st-Year Modern Hebrew 2 - 1st-Year Modern Hebrew 2 4.0

Requirement 2 — Complete 5 Courses

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HEB202 2nd-Year Modern Hebrew 2 - 2nd-Year Modern Hebrew 2 4.0

HEB301 3rd-Year Modern Hebrew 1 - 3rd-Year Modern Hebrew 1 4.0

HEB311R Intermediate Conversation - Intermediate Conversation - *You may take once* 1.0v

Requirement 3 — Complete 4 hours

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB211R Hebrew Conversation - Hebrew Conversation - *You may take once* 2.0

HEB302 3rd-Year Modern Hebrew 2 - 3rd-Year Modern Hebrew 2 4.0

HEB312 Hebrew Media - Hebrew Media 2.0v

HEB314R Int. Hebrew Lang. Jerusalem - Int. Hebrew Lang. Jerusalem - *You may take once* 1.0v

HEB341R Studies in Hebrew Culture - Studies in Hebrew Culture - *You may take once* 2.0v

HEB346R Israeli & Jewish Civ. - Israeli & Jewish Civ. - *You may take once* 1.0v

HEB411R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

Chinese (BA)

Program Information

Minimum Credit Hours
47

Maximum Credit Hours
60

Major Academic Plan
MAPS - BA in Chinese 2026-2027.docx

Learning Outcomes

Title
Oral Proficiency (Speaking and Listening)

Learning Outcome
Students will speak and comprehend Mandarin Chinese at the ACTFL Advanced-Mid level, demonstrating the ability to both negotiate face-to-face interactions in linguistically, socially, and culturally appropriate ways (direct measures 1 and 7) and listen to and comprehend the main points of spoken Chinese including news broadcasts and online media at an advanced level (direct measures 2 and 7). Students will do this in ways that foster belonging, encourage ethical reflection and spiritual growth, and demonstrate respect for the divine worth of individuals and communities and learn skills for retaining and increasing their speaking and listening skills beyond graduation to serve their families, church, and society.

Title
Reading and Writing Proficiency

Learning Outcome
Students will read a variety of formal and informal genres of writing at the ACTFL advanced-mid level (direct measure 3) and write notes, correspondence, and short essays at the ACTFL intermediate high level while demonstrating an awareness of formal Chinese writing conventions (direct measure 4) that show sensitivity to the literary, religious, and cultural traditions of their own and other cultures.

Title
Analyze Chinese Culture, Literature and Language

Learning Outcome
Students will be able to analyze and discuss core aspects of Chinese civilization including classical Chinese language and literature, modern and contemporary Chinese literature and film, Chinese culture, and the Chinese language. They will learn skills that enable lifelong growth, fostering enduring cultural literacy and a commitment to continued learning and service informed by faith and global understanding.

Program Requirements

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Requirement 1 — Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Recommended Courses are not required to complete the program

Complete the following prerequisite courses: Chin 101, 102, 201. (May be waived for students with previous language experience.)

CHIN101 Beginning Mandarin - Beginning Mandarin 4.0

CHIN102 Beginning Mandarin - Beginning Mandarin 4.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

Requirement 2 — Complete 7 Courses

CHIN202 Intermediate Mandarin - Intermediate Mandarin 4.0

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CHIN321 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN322 Selected Rdgs of Modern Chin - Selected Rdgs of Modern Chin 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN495 Senior Seminar for Majors - Senior Seminar for Majors 2.0

Requirement 3 — Complete 1 of 3 Courses

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

Requirement 4 — Complete 1 of 2 Courses

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

Requirement 5 — Complete 3 of 5 Courses

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

Requirement 6 — Complete 1 Requirement

Complete 9 additional hours required from upper-division Chinese.

It is mandatory that students consult with their advisor to determine supporting courses appropriate to professional goals.

Requirement 6.1 — Complete 9 hours

CHIN311R Advanced Conversation - Advanced Conversation - *You may take once* 1.0v

CHIN325 Structure of Chinese - Structure of Chinese 3.0

CHIN326 Intro to Chinese Linguistics - Intro to Chinese Linguistics 3.0

CHIN327 Translation & Interpretation - Translation & Interpretation 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN347 Business Chinese - Business Chinese 3.0

CHIN377 Chin Lang Tchg Procedures - Chin Lang Tchg Procedures 3.0

CHIN399R Academic Internship - Academic Internship - *You may take once* 0.5v

CHIN411 Speaking & Listening Mastery - Speaking & Listening Mastery 2.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CHIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

CHIN490R Individual Study in Chinese - Individual Study in Chinese - *You may take once* 0.5v

CHIN599R Academic Internship - Academic Internship - *You may take once* 0.5v

Japanese (BA)

Program Information

Minimum Credit Hours
48

Maximum Credit Hours
60

Major Academic Plan
MAPS - BA in Japanese 2026-2027.docx

Learning Outcomes

Title
Oral Communication

Learning Outcome
Students will speak advanced-level Japanese (as defined by ACTFL guidelines) on a broad range of topics, and in both interpersonal and presentational settings. They will use spoken Japanese to communicate effectively and persuasively, adapting to social and cultural norms, context, and audience. Through both classroom learning and real-world experiences, they will be able to use oral communication skills to participate actively in bridging cultures and solving important professional and social problems.

Title
Written Communication

Learning Outcome
Students will interpret and analyze Japanese texts at an advanced level across a range of genres, including literary and creative works as well as news and current events. They will also compose Japanese that demonstrates both creative expression and logical reasoning, communicating complex information in clear and well-reasoned ways. Through effective and persuasive writing, students will provide thoughtful critical and moral analysis grounded in cultural and textual understanding.

Title
Cultural Navigation

Learning Outcome
Students will analyze and interpret key aspects of Japanese history and culture-including literature, thought, religion, aesthetics, and the arts-and articulate their influence in contemporary society. They will demonstrate the ability to navigate cultural difference with respect and humility, appreciating diverse perspectives while gaining a clearer sense of their own values and Gospel truths. Students will apply this knowledge in handling linguistically, socially, and culturally diverse situations, building communities, seeking what is good and truthful (13th Article of Faith), and deepening their respect for the divine worth of all people.

Program Requirements

Students will be required to pass the reading proficiency exam (80% or higher) prior to enrollment in Japan 495.

Counsel with advisor to determine supporting courses appropriate to your professional goals.

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Recommended Courses are not required to complete the program

Complete the following prerequisite courses: Japan 101, 102, 201, 202. (May be waived for students with previous language experience.)

JAPAN101 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN102 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN201 Second-Year Japanese - Second-Year Japanese 4.0

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 1 Course

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

Option 1.2 — Complete 4 Courses

JAPAN318 Essential Kanji 1 - Essential Kanji 1 1.0

JAPAN319 Essential Kanji 2 - Essential Kanji 2 1.0

JAPAN418 Mastery Kanji 1 - Mastery Kanji 1 1.0

JAPAN419 Mastery Kanji 2 - Mastery Kanji 2 1.0

Requirement 2 — Complete 11 Courses

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

JAPAN302 Readings in History & Culture - Readings in History & Culture 4.0

JAPAN311R Advanced Communication - Advanced Communication - *You may take once* 1.0v

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN411 Toward Superior Communication - Toward Superior Communication 2.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN443 Toward Superior Japanese 1 - Toward Superior Japanese 1 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

JAPAN495 Senior Seminar - Senior Seminar 2.0

Requirement 3 —Complete 1 of 2 Courses

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

Requirement 4 —Complete 1 of 3 Courses

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

Requirement 5 —Complete 1 Requirement

Requirement 5.1 —Complete 6 hours

JAPAN325 Structure of Japanese - Structure of Japanese 3.0

JAPAN326 Japanese Language in Society - Japanese Language in Society 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN377 Language Teaching Procedures - Language Teaching Procedures 3.0

JAPAN390 Japanese Business Language - Japanese Business Language 3.0

JAPAN446R Special Topics in Japanese - Special Topics in Japanese - *You may take once* 3.0

Additionally, one of the following may be counted toward the 6 required hours of electives: Hist 343, Hist 344, Poli 354, Poli 386.

Recommended Courses are not required to complete the program

It is recommended that students complete Engl 311 or similar courses before enrolling in advanced literature courses.

WRTG311 Writing abt Art & Humanities - Writing abt Art & Humanities 3.0

Korean (BA)

Program Information

Minimum Credit Hours
43

Maximum Credit Hours
59

Major Academic Plan
MAPS - BA in Korean 2026-2027.docx

Learning Outcomes

Title
Language Proficiency and Intellectual Engagement

Learning Outcome
Our graduates communicate compassionately, interpret meaning independently, and engage thoughtfully with Koreans and their culture through their speaking, listening, reading, and writing skills in Korean.

Title
Cultural Awareness

Learning Outcome
Our graduates draw upon their extensive study of the Korean language, culture, and history to cultivate cross-cultural understanding, navigate diverse contexts with humility and discernment, and respect the dignity of individuals and communities.

Title
Lifelong Learning and Character Building

Learning Outcome
Our graduates are committed to service within their local and global communities, exemplifying personal initiative and reflective participation as they engage in cultural exchange.

Program Requirements

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Recommended Courses are not required to complete the program

Complete the following prerequisite courses: Korea 101, 102, 201, 202. (May be waived for students with previous language experience.)

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

Requirement 1 —Complete 9 Courses

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA325 Structure of Korean - Structure of Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA401 Fourth-Year Korean 1 - Fourth-Year Korean 1 3.0

KOREA402 Fourth-Year Korean 2 - Fourth-Year Korean 2 3.0

KOREA491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.0

KOREA495 Senior Seminar - Senior Seminar 2.0

Requirement 2 —Complete 1 of 2 Courses

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

Requirement 3 —Complete 1 of 2 Courses

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

Requirement 4 —Complete 12 hours

KOREA311R Third-Year Conversation - Third-Year Conversation - *You may take up to 6.0 credit hours* 1.0v

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA343 Premodern Korean Lit in Trans - Premodern Korean Lit in Trans 3.0

KOREA344 Modern Korean Lit in Trans - Modern Korean Lit in Trans 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Culture 3.0

KOREA358R Korean Religions - Korean Religions - *You may take once* 3.0

KOREA377 Korean Lang Tchg Methods - Korean Lang Tchg Methods 3.0

KOREA399R Academic Internship - Academic Internship - *You may take up to 6.0 credit hours* 0.5v

KOREA490R Individual Study in Korean - Individual Study in Korean - *You may take up to 6.0 credit hours* 0.5v

Arabic (Minor)

Program Information

Minimum Credit Hours
31.5

Maximum Credit Hours
35

Program Requirements

Requirement 1 — Complete 1 Requirement

Prerequisite courses:

Requirement 1.1 — Complete 4 Courses

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

Note: Prerequisite courses may be waived by previous language experience.

Requirement 2 — Complete 2 Requirements

Requirement 2.1 — Complete 4 Courses

Complete the following (normally as part of a BYU Semester Abroad program):

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

Requirement 2.2 — Complete 1 of 8 Courses

And complete one additional Arabic language course:

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

ARAB421R 4th-Yr Arabic Writing Tutorial - 4th-Yr Arabic Writing Tutorial - *You may take once* 2.0

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

ARAB426R Advanced Arabic Grammar - Advanced Arabic Grammar - *You may take once* 2.0

ARAB490R Independent Readings - Independent Readings - *You may take once* 0.5v

Requirement 3 — Complete 1 Course

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

Arabic Language (BA)

Program Information

Minimum Credit Hours
43

Maximum Credit Hours
51

Major Academic Plan

MAPS - BS in Arabic Language 2026-2027.docx

Learning Outcomes

Title
Advanced High Level Fluency

Learning Outcome
Speak, read, and write Arabic at the Advanced High Level (demonstrating an ability to support opinions, hypothesize, and deal with abstract topics in depth).

Title
Integration

Learning Outcome
Students will develop expertise in an area of specialization and deliver a major oral presentation and a written paper (both in Arabic) on a topic in that area of specialization.

Program Requirements

Requirement 1 —Complete 4 Courses

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

Requirement 2 —Complete 1 Course

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

Requirement 3 —Complete 5 Courses

Complete as part of a BYU Semester Abroad program:

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

Requirement 4 —Complete 2 of 6 Courses

Complete after consultation with a faculty advisor:

ARAB421R 4th-Yr Arabic Writing Tutorial - 4th-Yr Arabic Writing Tutorial - *You may take 2 times* 2.0

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take 2 times* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take 2 times* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take 2 times* 2.0

ARAB426R Advanced Arabic Grammar - Advanced Arabic Grammar - *You may take 2 times* 2.0

Requirement 5 —Complete 4 Courses

Take each course twice (once in Winter Semester and once in Spring/Summer terms):

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take 2 times* 1.0v

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take 2 times* 1.0v

Take the ACTFL Speaking and Reading test during the last registration of Arab 495R and achieve a minimum score of ADVANCED-MID.

Scandinavian Studies (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
32

Learning Outcomes

Title
Language Proficiency

Learning Outcome
If in the language track, progress toward advanced-level proficiency in Danish, Icelandic, Norwegian, or Swedish (or intermediate-level proficiency in Finnish) in writing, speaking and listening in a variety of living as well as professional contexts, and reading various text types (newspapers, literature, college-level texts, etc.) with a strong level of comprehension.

Title
Nordic Literature, Culture, and History

Learning Outcome
Learn to recognize and critically reflect upon key dimensions of Nordic literature, art, society, culture, and history, with an emphasis on appreciating these cultures' artistic production and intellectual histories.

Title
Effective Writing and Analytic Competence

Learning Outcome
Learn to use writing as a process of discovery by composing essays that demonstrate mature analytic thought, the orderly development of ideas, and vigorous argument.

Title
Lifelong Learning

Learning Outcome
Develop a lifelong appreciation of Nordic cultures as well as literature while developing attitudes and habits of thought and study that encourage lifelong learning and continued contact with the informed study of Nordic culture.

Program Requirements

Courses do not double count between the different requirement sections within the minor.

Students cannot take both SCAND 429 and ICLND 429

Requirement 1 — Complete 2 Courses

SCAND220 Intro to Scandinavian Studies - Intro to Scandinavian Studies 3.0

SCAND495 Capstone Scandinavian Studies - Capstone Scandinavian Studies 1.0

Requirement 2 — Complete 1 of 2 Options

Option 2.1 — Complete 3 Requirements

Scandinavian Language Track

Requirement 2.1.1 — Complete 3 hours

DANSH330 Advanced Danish - Advanced Danish 3.0

FINN330 Advanced Finnish - Advanced Finnish 3.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

SWED330 Advanced Swedish - Advanced Swedish 3.0

Requirement 2.1.2 — Complete 3 hours

DANSH340 Danish Literature - Danish Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

Requirement 2.1.3 — Complete 6 hours

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take 2 times* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take 2 times* 1.0v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SCAND325R Scandinavian Choir - Scandinavian Choir - *You may take 3 times* 1.0

SCAND332 Cultural Hist. of the Vikings - Cultural Hist. of the Vikings 3.0

SCAND337 Works of H C Andersen - Works of H C Andersen 3.0

SCAND344R Topics in Scandinavian Studies - Topics in Scandinavian Studies - *You may take once* 3.0

SCAND399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SCAND429 Old Norse - Old Norse 3.0

SCAND490R Sem in Scandinavian Studies - Sem in Scandinavian Studies - *You may take 2 times* 0.5v

SCAND491R Directed Readings in Scand - Directed Readings in Scand - *You may take once* 0.5v

Option 2.2 — Complete 12 hours

Scandinavian Culture Track (No Language Required)

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take 2 times* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take 2 times* 1.0v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SCAND325R Scandinavian Choir - Scandinavian Choir - *You may take 3 times* 1.0

SCAND332 Cultural Hist. of the Vikings - Cultural Hist. of the Vikings 3.0

SCAND337 Works of H C Andersen - Works of H C Andersen 3.0

SCAND344R Topics in Scandinavian Studies - Topics in Scandinavian Studies - *You may take once* 3.0

SCAND399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SCAND429 Old Norse - Old Norse 3.0

SCAND490R Sem in Scandinavian Studies - Sem in Scandinavian Studies - *You may take 2 times* 0.5v

SCAND491R Directed Readings in Scand - Directed Readings in Scand - *You may take once* 0.5v

English (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 2 Courses

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

Requirement 2 — Complete 12 hours

Note: Students should take the corresponding Literary History course (ENGL 291, 292, 293, or 294) prior to the corresponding period course (ENGL 369R, 370R, 386R, 387R, 388R, 389R), as indicated by the course prerequisites.

ENGL218 Creative Writing - Creative Writing 3.0

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL302 Writing with Style - Writing with Style 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL330R Spec Topics in Creative Wrtg - Spec Topics in Creative Wrtg - *You may take once* 0.5v

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL367R American Regional Literature - American Regional Literature - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

English Teaching (Minor)

Program Information

Minimum Credit Hours
34

Maximum Credit Hours
34

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. For questions about these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Course

Prerequisite course:

ENGL203 Ways of Reading - Ways of Reading 3.0

Requirement 2 — Complete 8 Courses

ENGL232 Shakespeare - Shakespeare 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL329 Tchg Grammar & Usage - Tchg Grammar & Usage 3.0

ENGL377 Tchg English in Secndry Schls - Tchg English in Secndry Schls 3.0

ENGL378 Teaching Literature & Reading - Teaching Literature & Reading 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL423 Tchg Composition in Sec Schl - Tchg Composition in Sec Schl 3.0

Requirement 3 — Complete 1 of 3 Courses

ENGL 337R topic must be Short Story, Studies in Nonfiction; Fiction, or Studies in Poetry.

ENGL235 Studies in American Literature - Studies in American Literature 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 3.0

Requirement 4 — Complete 1 Course

ENGL477R Sec Minor Student Teaching - Sec Minor Student Teaching 4.0

Professional Writing and Communication (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Composing and Presentational Skills in a Wide Variety of Publications

Learning Outcome
Students will apply effective communication and interpretation skills in a wide variety of genres using multiple modes of discourse to ethically influence a variety of audiences, foster meaningful understanding, and contribute to spiritually stengthening and socially responsible communication practices.

Title
Grammar and Style

Learning Outcome
Students will apply grammatical and stylistic principles to analyze, imitate, and create effective discourse in a variety of situations, demonstrating ethical awareness and respect for audiences and purposes.

Title
History, Theory, and Criticism

Learning Outcome
Students will explain, evaluate, and compare fundamental concepts from rhetorical theory throughout history while considering how rhetorical traditioans shape ethical judgment, human understanding, and spiritually strenghthening forms of discourse and civic engagment.

Program Requirements

Requirement 1 — Complete 3 Courses

ENGL302 Writing with Style - Writing with Style 3.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL494 Prof Wrtg and Comm Sr Capstone- Prof Wrtg and Comm Sr Capstone 3.0

Requirement 2 — Complete 9 hours

Note: ENGL 394R and 399R must be a rhetoric- or writing-related topic.

ENGL211 Rhetoric & Civilization 1 - Rhetoric & Civilization 1 3.0

ENGL212 Rhetoric & Civilization 2 - Rhetoric & Civilization 2 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL394R Applied English - Applied English 3.0

ENGL399R Academic Internship - Academic Internship - *You may take once* 0.5v

Creative Writing (Minor)

Program Information

Minimum Credit Hours
19.5

Maximum Credit Hours
19.5

Learning Outcomes

Title
Area Mastery

Learning Outcome
Creative writing minors will understand the principles of creative writing, including form, technique, and style.

Title
Reading and Workshop

Learning Outcome
Creative writing minors will deepen their area mastery by interpreting and evaluating both published works and the works of peer writers.

Title
Writing and Revision

Learning Outcome
Creative writing minors will apply what they have learned to produce poems, stories, or essays of publishable quality.

Title
Publishing and Professionalization

Learning Outcome
Creative writing minors will become familiar with publishing processes and improve as writers by preparing their work for publication in literary journals/ presses and by participating in the writing community.

Title
Continued Learning and Growth

Learning Outcome
Creative Writing MFA students become life-long learners who conduct effective and ethical inquiry by asking meaningful questions about their writing practice, the literature they read and write, and the ways literature can help them gain both professional experience and spiritual insight.

Program Requirements

Note: English majors in the creative-writing track cannot also pursue a creative writing minor. Non-English major students preparing for BYU's MFA program in creative writing are strongly encouraged to take ENGL 303 and at least one additional 300-level English literature seminar. See the English Department for further information.

Requirement 1 — Complete 3 Courses

ENGL218 Creative Writing - Creative Writing 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

ENGL430 Creative Wrtg Prof Practices - Creative Wrtg Prof Practices 0.5

Requirement 2 — Complete 2 of 10 Courses

ENGL201 Masterpieces of World Lit 1 - Masterpieces of World Lit 1 3.0

ENGL202 Masterpieces of World Lit 2 - Masterpieces of World Lit 2 3.0

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL230 Studies in Literature - Studies in Literature 3.0

ENGL232 Shakespeare - Shakespeare 3.0

ENGL235 Studies in American Literature - Studies in American Literature 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL238 The Bible as Literature - The Bible as Literature 3.0

ENGL268 Literature of the LDS - Literature of the LDS 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

Requirement 3 — Complete 2 of 4 Courses

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take 2 times* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take 2 times* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take 2 times* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take 2 times* 3.0

Requirement 4 — Complete 1 of 3 Courses

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

English (BA)

Program Information

Minimum Credit Hours
51

Maximum Credit Hours
51

Major Academic Plan
MAPS - BA in English 2026-2027.docx

Learning Outcomes

Title
Interpretive and Communicative Skills

Learning Outcome
English graduates employ critical reading strategies, disciplinary writing expertise, and sophisticated analytical skills in their written and oral communication.

Title
Interpretive and Communicative Applications

Learning Outcome
English graduates translate the skills of the humanistic tradition, including critical inquiry, scholarly research, communication, and creativity, to both personal and professional environments and narrate the value of these skills in various contexts.

Title
Interpretive and Communicative Contexts

Learning Outcome
English graduates know how to trace the development of literary, as well as broader narrative traditions, investigate authors and contexts, and differentiate genres. They know how to discuss disciplinary methodologies in scholarly conversations, and they use these contexts to frame their written and oral communications.

Title
Interpretive and Communicative Ethics

Learning Outcome
English graduates embrace literature and writing as sources of wisdom, spiritual insight, and aesthetic pleasure; as mediums for encountering and reflecting upon the diversity of human experience; and as guides for discerning value and building relationships with those around them and with God.

Program Requirements

Students are strongly encouraged to take a freshman college-level writing course (WRTG 150), regardless of their AP test scores.

Requirement 1 —Complete 3 Courses

Note: Students must complete ENGL 203 before taking ENGL 303 and must complete ENGL 303 before taking most 300- and 400-level courses.

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL302 Writing with Style - Writing with Style 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

Requirement 2 —Complete 1 of 2 Options

Option 2.1 —Complete 3 Courses

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

Option 2.2 —Complete 2 Courses

Note: Students must complete ENGL 203 before or concurrently with the literary history requirement: ENGL 291-294. Students must complete the literary history course in a period before taking any 300-level courses in that period as follows: ENGL 291 for ENGL 331R, 369R, 386R ENGL 292 for ENGL 332R, 370R, 387R ENGL 293 for ENGL 331R, 332R, 369R, 370R, 388R, 389R

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

Requirement 3 —Complete 2 Requirements

Requirement 3.1 —Complete 1 of 3 Courses

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

Requirement 3.2 —Complete 1 of 3 Courses

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

Requirement 4 —Complete 1 of 4 Options

Complete 1 Track Option

Option 4.1 —Complete 5 Courses

Literary Studies Track

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

Option 4.2 —Complete 5 Requirements

Literary Media and Cultures Track

Requirement 4.2.1 —Complete 1 of 4 Courses

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

Requirement 4.2.2 —Complete 1 of 2 Courses

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

Requirement 4.2.3 —Complete 1 of 2 Courses

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL392 American Folklore - American Folklore 3.0

Requirement 4.2.4 —Complete 1 of 5 Courses

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

Requirement 4.2.5 —Complete 1 of 2 Courses

ENGL493 Lit Med & Cultures Sr Capstone - Lit Med & Cultures Sr Capstone 3.0

Option 4.3 —Complete 3 Requirements

Professional Writing and Communication Track

Requirement 4.3.1 —Complete 2 Courses

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

Requirement 4.3.2 —Complete 2 of 5 Courses

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

Requirement 4.3.3 —Complete 1 Course

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

Option 4.4 —Complete 4 Requirements

Creative Writing Track

Requirement 4.4.1 —Complete 1 Course

ENGL218 Creative Writing - Creative Writing 3.0

Requirement 4.4.2 —Complete 1 of 2 Courses

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

Requirement 4.4.3 —Complete 2 of 4 Courses

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

Requirement 4.4.4 —Complete 1 of 3 Courses

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

Requirement 5 —Complete 3 hours

Complete one English+ course or an equivalent course. Contact the department internship coordinator for more information. Note: If ENGL 399R is taken, 3 credit hours are required.

ENGL394R Applied English - Applied English - *You may take once* 3.0

ENGL399R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 6 —Complete 9 hours

Complete 9 elective hours from any of the following courses. Double counting of courses used to fill previous requirements is not allowed.

Option 6.1 —Complete at least 3 hours up to 9 hours

ENGL218 Creative Writing - Creative Writing 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL321R English Dept Reading Series - English Dept Reading Series - *You may take once* 1.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL330R Spec Topics in Creative Wrtg - Spec Topics in Creative Wrtg - *You may take once* 0.5v

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL430 Creative Wrtg Prof Practices- Creative Wrtg Prof Practices 0.5

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL480R Directed Research in English - Directed Research in English - *You may take once* 1.0v

ENGL490R Individual Readings in English - Individual Readings in English - *You may take once* 0.5v

ENGL493 Lit Med & Cultures Sr Capstone - Lit Med & Cultures Sr Capstone 3.0 (for non-track students)

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

Option 6.2 —Complete up to 3 hours

WRTG311 Writing abt Art & Humanities - Writing abt Art & Humanities 3.0

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG313 Adv Wrtg for Educators - Adv Wrtg for Educators 3.0

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Option 6.3 —Complete up to 3 hours

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take once* 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

English Teaching (BA)

Program Information

Minimum Credit Hours
74

Maximum Credit Hours
74

Major Academic Plan
MAPS - BA in English Teaching 2026-2027.docx

Learning Outcomes

Title
Disciplinary Expertise

Learning Outcome
English teaching majors will be able to draw on disciplinary knowledge in literary and writing studies as well as research-based practices and theoretical perspectives of teaching texts, reading, composition, language, and technology to secondary students.

Title
Instructional Design

Learning Outcome
English teaching majors will be able to plan and deliver instruction that reflects current research-based knowledge in the field of ELA pedagogy, honors student agency, nurtures and supports each learner in their diverse needs through culturally responsive and sustaining practices and differentiated literacy instruction, and recognizes the divine potential of each student to become effective readers, writers, and thinkers.

Title
Reflection for Improvement and Renewal

Learning Outcome
English teaching majors will be able to engage in ongoing critical reflection to improve and humanize their practice, drawing on their knowledge while also seeking spiritual guidance.

Title
Inquiry for Continued Learning and Growth

Learning Outcome
English teaching majors will become life-long learners who conduct effective and ethical inquiry by asking meaningful questions about their practice and students, discerning the credibility of potential sources, and identifying the best answers to their questions as led by their ongoing professional experience, spiritual insights, and gospel knowledge.

Title
Professionalism

Learning Outcome
English teaching majors will demonstrate the highest levels of professional conduct through modeling a Christ-centered life, advocating for young adults and their learning, collaborating with educational community members, and adhering to all relevant policies.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. For questions about these requirements, contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Students are strongly encouraged to take a freshman college‐level writing course (WRTG 150), regardless of their AP test scores. ENGL 276R is prerequisite to ENGL 329, 377, 378, 379, 423, and 426. All are prerequisite to ENGL 476R or ENGL 496R.

Requirement 1 —Complete 2 Requirements

Core Courses

Requirement 1.1 —Complete 4 Courses

Note: Students must complete ENGL 203 before taking ENGL 303 and must complete ENGL 303 before taking most 300 and 400 level courses. Note: ENGL 384R topic must be Shakespeare.

ENGL203 Ways of Reading - Ways of Reading 3.0

ENGL303 Writing Literary Criticism - Writing Literary Criticism 3.0

ENGL382 Shakespeare - Shakespeare 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

Requirement 1.2 —Complete 1 of 3 Courses

ENGL493 Lit Med & Cultures Sr Capstone - Lit Med & Cultures Sr Capstone 3.0

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

Requirement 2 —Complete 1 of 2 Options

Literary History Survey

Option 2.1 —Complete 3 Courses

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

Option 2.2 —Complete 2 Courses

Note: Students must complete ENGL 203 before or concurrently with the literary history requirement: ENGL 291-294. Students must complete the literary history course in a period before taking any 300 level courses in that period as follows: ENGL 291 for ENGL 331R, 369R, 386R; ENGL 292 for ENGL 332R, 370R, 387R; ENGL 293 for ENGL 331R, 332R, 369R, 370R, 388R, 389R

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL294 Transatlantic Literary History - Transatlantic Literary History 6.0

Requirement 3 —Complete 2 Courses

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take 2 times* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take 2 times* 3.0

Requirement 4 —Complete 1 of 3 Courses

NOTE: ENGL 356 is recommended.

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

Requirement 5 —Complete 3 hours

Complete 3.0 hours from the following electives. Courses used to fill a previous requirement may not double count for this requirement.

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take once* 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ENGL218 Creative Writing - Creative Writing 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL302 Writing with Style - Writing with Style 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL318R Writing Fiction - Writing Fiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL323 Professional Writing - Professional Writing 3.0

ENGL325 Visual Communication - Visual Communication 3.0

ENGL326 Digital Communication - Digital Communication 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

ENGL330R Spec Topics in Creative Wrtg - Spec Topics in Creative Wrtg - *You may take once* 0.5v

ENGL331R Media and Pop Lit before 1800 - Media and Pop Lit before 1800 - *You may take once* 3.0

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL335 Professional Speaking - Professional Speaking 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL340 Book and Publishing History - Book and Publishing History 3.0

ENGL344R Digital and Visual Literacies - Digital and Visual Literacies - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Lit after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL417 Creative Wrtg Cap: Nonfiction - Creative Wrtg Cap: Nonfiction 3.0

ENGL418 Creative Wrtg Cap: Fiction - Creative Wrtg Cap: Fiction 3.0

ENGL419 Creative Wrtg Cap: Poetry - Creative Wrtg Cap: Poetry 3.0

ENGL450R Studies in Lit Crit and Theory - Studies in Lit Crit and Theory - *You may take once* 3.0

ENGL480R Directed Research in English - Directed Research in English - *You may take once* 1.0v

ENGL490R Individual Readings in English - Individual Readings in English - *You may take once* 0.5v

ENGL493 Lit Med & Cultures Sr Capstone - Lit Med & Cultures Sr Capstone 3.0

ENGL494 Prof Wrtg and Comm Sr Capstone - Prof Wrtg and Comm Sr Capstone 3.0

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

TMA457 Media, Creativity & Education - Media, Creativity & Education 3.0

Requirement 6 —Complete 11 Courses

NOTE: FBI FINGERPRINT AND BACKGROUND CLEARANCE MUST BE COMPLETED BEFORE REGISTRATION FOR ENGL 276R.

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

ENGL276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

ENGL329 Tchg Grammar & Usage - Tchg Grammar & Usage 3.0

ENGL377 Tchg English in Secndry Schls - Tchg English in Secndry Schls 3.0

ENGL378 Teaching Literature & Reading - Teaching Literature & Reading 3.0

ENGL379 Practicum in Secndry Engl Tchg - Practicum in Secndry Engl Tchg 1.0

ENGL423 Tchg Composition in Sec Schl - Tchg Composition in Sec Schl 3.0

ENGL426 Dig Lit & Tech in Sec Schl - Dig Lit & Tech in Sec Schl 2.0

ENGL479 Student Teaching Seminar - Student Teaching Seminar 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 7 —Complete 1 of 2 Courses

ENGL476 Secondary Student Teaching - Secondary Student Teaching 12.0

ENGL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

General Studies (BGS): English Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - English 2026-2027.docx

Learning Outcomes

Title
BGS Learning Outcomes - Aims of a BYU Education

Learning Outcome
Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: - Spiritually strengthening - Character building - Intellectually enlarging - Preparing for lifelong learning and service.

Title
Interpretive and Communicative Skills

Learning Outcome
English BGS graduates will develop and ethically employ critical reading strategies, professional writing expertise, and sophisticated analytical skills in their written and oral communication.

Title
Interpretive and Communicative Contexts

Learning Outcome
English BGS graduates know how to trace the development of literary traditions, as well as broader narrative traditions, investigate authors and contexts, and differentiate genres. They demonstrate the ability to discuss disciplinary methodologies in scholarly conversations, and they use these contexts to frame their written and oral work.

Title
Interpretive and Communicative Ethics

Learning Outcome
English BGS graduates embrace literature and writing as sources of wisdom, spiritual insight, and aesthetic pleasure; as mediums for encountering and reflecting upon the diversity of human experience; and as guides for discerning value and building relationships with those around them and with God.

Program Requirements

Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 3 Requirements

Core courses:

Requirement 2.1 —Complete 1 Course

ENGL230 Studies in Literature - Studies in Literature 3.0

Requirement 2.2 —Complete 2 of 3 Courses

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

Requirement 2.3 —Complete 1 of 2 Courses

WRTG312 Persuasive Writing - Persuasive Writing 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 3 —Complete 15 hours

Elective courses:

Option 3.1 —Complete up to 15 hours

BYU 300- and 400-level campus courses (including Salt Lake Center classes) in English may also be used to fill emphasis electives. Only one additional general education Advanced Written and Oral Communication course (Engl 311, 312, 313, 314, 315, or 316) may be used to satisfy emphasis requirements.

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ENGL218 Creative Writing - Creative Writing 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

ENGL319R Writing Poetry - Writing Poetry - *You may take once* 3.0

ENGL320R Writing for Child & Adolescent - Writing for Child & Adolescent - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

Option 3.2 —Complete up to 15 hours

Study List Classes -

Requirement 4 —Complete 1 Course

Complete the following as the last course in the emphasis:

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

Requirement 5 —Complete 1 Course

Complete a capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

French (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
33

Program Requirements

- The French and Italian Department requires a minimum of nine hours to be taken in residence at BYU for this minor program.

- Complete the following prerequisite courses: Fren 101, 102, 201, 202. (May be waived with previous equivalent language experience.)

Requirement 1 — Complete 3 Courses

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

Requirement 2 — Complete 2 of 3 Courses

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

Courses Requirement 3 — Complete 3 hours

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics - *You may take once* 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take once* 3.0

FREN480R Mentored Research - Individual Study - *You may take once* 1.0v

MSB596R Business Language - Business Language - *You may take once* 3.0

French Teaching (Minor)

Program Information

Minimum Credit Hours
29

Maximum Credit Hours
44

Program Requirements

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

- The French and Italian Department requires a minimum of 12 minor hours to be taken in residence at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements.

- Complete the following prerequisite courses: Fren 101, 102, 201, 202. (May be waived with previous equivalent language experience.)

Requirement 1 — Complete 1 Requirement

Requirement 1.1 — Complete 7 Courses

Note : FREN 378 and 379 must be taken concurrently.

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

FREN377 French Teaching Methods 1 - French Teaching Methods 3.0

FREN378 French Teaching Methods 2 - Tchg Methods 3.0

FREN379 French Teaching Practicum - French Teaching Practicum 1.0

Requirement 2 — Complete 1 of 3 Courses

FREN361 French Arts & Culture to 1715 - French Civilization to 1715 3.0

FREN362 French Arts & Culture 1715- - French Civilization 1715-Pres 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

Requirement 3 — Complete 3 hours

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take once* 3.0

FREN480R Mentored Research - Individual Study - *You may take up to 3.0 credit hours* 1.0v

Requirement 4 — Complete 1 Requirement

Oral Proficiency:

Complete Fren 491 and have an oral proficiency interview (OPI) before enrolling in Fren 378. The rating will be recorded on the student's transcript. The required minimum OPI rating is "Advanced-low" before applying to student teach in the major.

Requirement 4.1 — Complete 1 Course

FREN491R Sr Oral Proficiency Evaluation - Sr Oral Proficiency Evaluation - *You may take once* 0.0

Note: Before applying for student teaching or an internship, students must receive an official OPI certificate from ACTFL with a rating of ADVANCED-LOW or higher. At least one month before student teaching applications are due, students should schedule an OPI through the Center for Language Studies, 3086 JFSB.

Requirement 5 — Complete 1 Course

FREN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Note: The Department of French and Italian offers the following resources to strengthen language skills: conversation courses (Fren 211R, 311R, 411R), the Foreign Language Student Residence, Study Abroad, or an internship in French-speaking countries. Please refer to the specific program or course description for detailed information about these resources.

Italian (Minor)

Program Information

Minimum Credit Hours
15.5

Maximum Credit Hours
36

Program Requirements

- The French and Italian Department requires a minimum of 9 minor hours to be taken in residence at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

- Complete the following prerequisite courses: Ital 101, 102, 201, 202. (May be waived with previous equivalent language experience.)

Requirement 1 — Complete 3 Courses

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

Requirement 2 — Complete 3 of 13 Courses

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature - *You may take once* 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures - *You may take once* 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take 2 times* 3.0

MSB596R Business Italian - Business Italian - *You may take once* 3.0

French (BA)

Program Information

Minimum Credit Hours
36.5

Maximum Credit Hours
51.5

Major Academic Plan
MAPS - BA in French 2026-2027.docx

Learning Outcomes

Title
Communication and Language Competence

Learning Outcome
Graduates in French communicate meaningfully, effectively, and ethically in spoken and written French at the advanced level according to ACTFL guidelines. Using a vocabulary that allows them to discuss issues of local, national, and global interest, they are able to communicate in a range of real-world and academic contexts. They adapt their language to audience, context, and communicative goals, thus demonstrating skills that enable them to serve in a broader range of capacities and communities and that facilitate their becoming life-long learners.

Title
Information Literacy and Critical Thinking

Learning Outcome
Graduates in French accurately and insightfully analyze the language, literature, and other cultural products of the French-speaking world by recognizing, evaluating, and synthesizing relevant primary and critical sources in their research and other scholarly products. In so doing, they demonstrate the learned abilities to think critically and to "seek out and share only credible, reliable, and factual sources of information" (General Handbook, 38.8.41). Their moral character is reflected in the ethical practices they uphold in their research, including the appropriate use of artificial intelligence tools.

Title
Cultural Navigation and Interpretation

Learning Outcome
Graduates in French adeptly negotiate cultural values and practices transmitted through literature, film, and other media, as well as engage with complexities of the French-speaking world to create meaningful connections with people of other cultures and perspectives. Their careful study of these cultural products promotes the lifelong cultivation of humility, empathy, and Christlike charity toward their fellow beings.

Program Requirements

The French and Italian Department requires a minimum of 21 major hours to be taken in residence at BYU for this degree program. These hours may also count toward BYU's 30-hour residency requirement for graduation.

The French BA starts with FREN 321. As needed, students may take some or all of the following: FREN 101, 102, 201, 202. Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Native speakers and returned missionaries typically enroll in FREN 321; FREN 201 or 202 may be appropriate for those with less language experience.

We recommend students participate in significant French-language experiential learning during their major. This could take the form of a mission, Study Abroad program, internships, and/or a semester in the Language Immersion Student Residence (or LISR).

Requirement 1 —Complete 4 Courses

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

Requirement 2 —Complete 2 of 3 Courses

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

Requirement 3 —Complete 21 hours

Note: No more than 9 credits may come from any combination of the following: FREN 399R, FREN 411R, FREN 445, FREN 490R, and MSB 596R.

FREN399R Academic Internship - Academic Internship - *You may take once* 0.5v

FREN411R Convers at Superior Level - Convers at Superior Level 3.0

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics- Studies in French Linguistics - *You may take 3 times* 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period, Mvmt & Theme - *You may take 5 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 5 times* 3.0

FREN454R Studies in Author - Studies in Author - *You may take 5 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 5 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 5 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 5 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 5 times* 3.0

FREN480R Mentored Research - Mentored Research - *You may take 5 times* 1.0v

FREN481R French Lecture Series - French Lecture Series - *You may take 3 times* 1.0

MSB596R Business French - Business French - *You may take once* 3.0

Requirement 4 —Complete 2 Courses

FREN495 Senior Capstone - Senior Capstone 0.5

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Recommended Courses are not required to complete the program

Note: To determine language proficiency, students in FREN 495 will take the official ACTFL Oral Proficiency Interview (OPI), Writing Proficiency Test (WPT), and adaptive reading and listening comprehension tests. It is expected, though not required, that graduating French majors achieve ratings of Advanced Low or higher for each ACTFL evaluation.

Italian (BA)

Program Information

Minimum Credit Hours
37.5

Maximum Credit Hours
52.5

Major Academic Plan
MAPS - BA in Italian 2026-2027.docx

Learning Outcomes

Title
Communication and Language Competence

Learning Outcome
Graduates in Italian communicate meaningfully, effectively, and ethically in spoken and written Italian at the advanced level according to ACTFL guidelines. Using a vocabulary that allows them to discuss issues of local, national, and global interest, they are able to communicate in a range of real-world and academic contexts. They adapt their language to audience, context, and communicative goals, thus demonstrating skills that enable them to serve in a broader range of capacities and communities and that facilitate their becoming life-long learners.

Title
Information Literacy and Critical Thinking

Learning Outcome
Graduates in Italian accurately and insightfully analyze the language, literature, and other cultural products of the Italian-speaking world by recognizing, evaluating, and synthesizing relevant primary and critical sources in their research and other scholarly products. In so doing, they demonstrate the learned abilities to think critically and to "seek out and share only credible, reliable, and factual sources of information" (General Handbook, 38.8.41). Their moral character is reflected in the ethical practices they uphold in their research, including the appropriate use of artificial intelligence tools.

Title
Cultural Navigation and Interpretation

Learning Outcome
Graduates in Italian adeptly negotiate cultural values and practices transmitted through literature, film, and other media, as well as engage with complexities of the Italian-speaking world to create meaningful connections with people of other cultures and perspectives. Their careful study of these cultural products promotes the lifelong cultivation of humility, empathy, and Christlike charity toward their fellow beings.

Program Requirements

The Italian BA starts with ITAL 321. As needed, students may take some or all of the following: ITAL 101, 102, 201, 202. Students with prior experience in French can contact the Italian undergraduate adviser to select the appropriate beginning course. Native speakers and returned missionaries typically enroll in ITAL 321; ITAL 201 or 202 may be appropriate for those with less language experience.

Students who need to strengthen oral skills should enroll in ITAL 211R and 311R.

We recommend students participate in significant Italian-language experiential learning during their major. This could take the form of a mission, Study Abroad program, internships, and/or a semester in the Language Immersion Student Residence (or LISR).

HCOLL 310 "Humanities in Professional Life*"* is required for Italian majors (B.A.).

Requirement 1 — Complete 3 Courses

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

Requirement 2 — Complete 27 Hours

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar 3.0

MSB596R Business Italian - Business Italian - *You may take once* 3.0

Requirement 3 — Complete 2 Courses

HCOLL310 Humanities & Professional Life – Humanities and Professional Life 1.0

ITAL 491 – OPI/WPT & Portfolio 0.5

Language proficiency:

Note: To determine language proficiency, students in ITAL 491 will take the official ACTFL Oral Proficiency Interview (OPI) and Writing Proficiency Test (WPT). It is expected that Italian majors achieve ratings in the Advanced range for each ACTFL evaluation.

French Teaching (BA)

Program Information

Minimum Credit Hours
56

Maximum Credit Hours
73

Major Academic Plan
MAPS - BA in French Teaching 2026-2027.docx

Learning Outcomes

Title
Language and Linguistics

Learning Outcome
Candidates are proficient at the advanced level in French (as defined by the ACTFL Proficiency Guidelines) and understand underlying linguistic elements of French.

Title
Language Acquisition Theory

Learning Outcome
Understand basic language acquisition theory, create supportive learning environments, and use a variety of instructional techniques.

Title
Planning Instruction

Learning Outcome
Plan instruction based upon knowledge of subject matter, students, and goals.

Title
Assessment

Learning Outcome
Understand and use formal and informal assessment strategies to evaluate performance, identify needs, provide feedback, and adjust instructional strategies.

Title
Professionalism

Learning Outcome
Reflect on instructional choices and actions and foster relationships with school colleagues, parents, and the larger community. Seek opportunities to develop professionally and to strengthen language and cultural competencies.

Program Requirements

This major is designed to prepare students to teach in public schools. To graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://education.byu.edu/advisement/licensure or contact Education Student Services, 350 MCKB, 801-422-3426.

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

Students may declare a French Teaching pre-major by contacting the Liberal Arts Advisement Center (JFSB 1041) at 801-422-3541. The first course will be FLANG 276: Exploration of Teaching Foreign Languages (offered on the first block during Fall and Winter semesters), at the end of which students apply for the French Teaching major through Educator Plus (application procedures are explained during FLANG 276).

Grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements at https://epp.byu.edu/

A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides. See https://education.byu.edu/advisement/majors_and_minors.

Complete the following prerequisite courses: FREN 101, 102, 201, 202. (May be waived with previous equivalent language experience.)

Requirement 1 — Complete 7 Courses

Note: Fren 378 must be taken the semester immediately before student teaching. FREN 378 and FREN 379 must be taken concurrently.

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

FREN377 French Teaching Methods 1 - French Teaching Methods 1 3.0

FREN378 French Teaching Methods 2 - Teaching Methods 2 3.0

FREN379 French Teaching Practicum - French Teaching Practicum 1.0

Requirement 2 — Complete 2 of 3 Courses

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

Requirement 3 — Complete 2 of 11 Courses

Note: Only one registration of Fren 490R will count toward the major requirements.

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take 2 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 2 times* 3.0

FREN454R Studies in Author - Studies in Author - *You may take 2 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 2 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 2 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 2 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 2 times* 3.0

FREN480R Mentored Research - Individual Study - *You may take once* 1.0v

Requirement 4 — Complete 1 Requirement

Complete the following before enrolling in Fren 378. The rating will be recorded on the student's transcript. The expected minimum rating of ADVANCED-LOW must be completed before applying to student teach.

Requirement 4.1 — Complete 1 Course

FREN491R Sr Oral Proficiency Evaluation - Sr Oral Proficiency Evaluation - *You may take once* 0.0

Note: Before applying for student teaching or an internship, students must receive an official OPI certificate from ACTFL with a rating of ADVANCED-LOW or higher and take the French PRAXIS test. At least one month before student teaching applications are due, students should schedule an OPI through the Center for Language Studies, 3086 JFSB.

Requirement 5 — Complete 6 Courses

NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLang 276.

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 6 — Complete 12 hours

FREN476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0v

FREN496R Academic Internship - Academic Internship - *You may take once* 12.0

Note: The Department of French and Italian offers the following resources to strengthen language skills: conversation courses (FREN 211R, 311R, 411R), Foreign Language Student Residence, Study Abroad, and internships in French-speaking countries. Please refer to the specific program or course description for detailed information about these resources.

French Studies (BA)

Program Information

Minimum Credit Hours
30.5

Maximum Credit Hours
45.5

Major Academic Plan
MAPS - BA in French Studies 2026-2027.docx

Learning Outcomes

Title
Communication and Language Competence

Learning Outcome
Graduates in French communicate meaningfully, effectively, and ethically in spoken and written French at the advanced level according to ACTFL guidelines. Using a vocabulary that allows them to discuss issues of local, national, and global interest, they are able to communicate in a range of real-world and academic contexts. They adapt their language to audience, context, and communicative goals, thus demonstrating skills that enable them to serve in a broader range of capacities and communities and that facilitate their becoming life-long learners.

Title
Information Literacy and Critical Thinking

Learning Outcome
Graduates in French accurately and insightfully analyze the language, literature, and other cultural products of the French-speaking world by recognizing, evaluating, and synthesizing relevant primary and critical sources in their research and other scholarly products. In so doing, they demonstrate the learned abilities to think critically and to "seek out and share only credible, reliable, and factual sources of information" (General Handbook, 38.8.41). Their moral character is reflected in the ethical practices they uphold in their research, including the appropriate use of artificial intelligence tools.

Title
Cultural Navigation and Interpretation

Learning Outcome
Graduates in French adeptly negotiate cultural values and practices transmitted through literature, film, and other media, as well as engage with complexities of the French-speaking world to create meaningful connections with people of other cultures and perspectives. Their careful study of these cultural products promotes the lifelong cultivation of humility, empathy, and Christlike charity toward their fellow beings.

Program Requirements

Students must complete the requirements for a primary major in another field.

The French and Italian Department requires a minimum of 21 major hours to be taken in residence at BYU for this degree program. These hours may also count toward BYU's 30-hour residency requirement for graduation.

The French Studies BA starts with FREN 321. As needed, students may take some or all of the following: FREN 101, 102, 201, 202. Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Native speakers and returned missionaries typically enroll in FREN 321; FREN 201 or FREN 202 may be appropriate for those with less language experience.

We recommend students participate in significant French-language experiential learning during the course of their major. This could take the form of a mission, Study Abroad program, internships, and/or a semester in the Language Immersion Student Residence (or LISR).

We recommend students take HCOLL 310: Humanities in Professional Life (1.0) during their senior year, preferably the same semester as FREN 495: Senior Portfolio Capstone. HCOLL 310 helps humanities graduates articulate how their degree has trained them to communicate effectively, gather and synthesize information, interpret complex texts, and navigate different cultures.

Requirement 1 —Complete 4 Courses

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN322 Advanced French Part 2 - Advanced French Part 2 3.0

FREN330 Intro to French Linguistics - Intro to French Linguistics 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

Requirement 2 —Complete 2 of 3 Courses

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

Requirement 3 —Complete 12 hours

NOTE: Courses taken to complete requirements above may not be double counted here. NOTE: No more than 6 credits may come from any combination of the following: FREN 399R, FREN 411R, FREN 445.

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

FREN377 French Teaching Methods 1 - Intro to French Language Tchg 3.0

FREN399R Academic Internship - Academic Internship - *You may take once* 0.5v

FREN411R Convers at Superior Level- Convers at Superior Level - *You may take once* 3.0

FREN414 French Translation - French Translation 3.0

FREN432 History of French - History of French 3.0

FREN433R Studies in French Linguistics - Studies in French Linguistics - *You may take 3 times* 3.0

FREN445 Advanced Francophone Culture - Advanced Francophone Culture 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take 5 times* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take 5 times* 3.0

FREN454R Studies in Author - Studies in Author - *You may take 5 times* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take 5 times* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take 5 times* 3.0

FREN457R Studies in French Culture - Studies in French Culture - *You may take 5 times* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take 5 times* 3.0

FREN470R Direct Enrollment France - Direct Enrollment France - *You may take once* 1.0v

FREN480R Mentored Research - Mentored Research - *You may take 5 times* 1.0v

FREN481R French Lecture Series - French Lecture Series - *You may take 3 times* 1.0

MSB596R Business Language - Business Language - *You may take once* 3.0

Requirement 4 —Complete 1 Course

FREN495 Senior Capstone - Senior Capstone 0.5

Note: To determine language proficiency, students in FREN 495 will take the official ACTFL Oral Proficiency Interview (OPI), Writing Proficiency Test (WPT), and adaptive reading and listening comprehension tests. It is expected, though not required, that graduating French majors achieve ratings of Advanced Low or higher for each ACTFL evaluation.

Italian Studies (BA)

Program Information

Minimum Credit Hours
30.5

Maximum Credit Hours
45.5

Major Academic Plan
MAPS - BA in Italian Studies 2026-2027.docx

Learning Outcomes

Title
Communication and Language Competence

Learning Outcome
Graduates in Italian communicate meaningfully, effectively, and ethically in spoken and written Italian at the advanced level according to ACTFL guidelines. Using a vocabulary that allows them to discuss issues of local, national, and global interest, they are able to communicate in a range of real-world and academic contexts. They adapt their language to audience, context, and communicative goals, thus demonstrating skills that enable them to serve in a broader range of capacities and communities and that facilitate their becoming life-long learners.

Title
Information Literacy and Critical Thinking

Learning Outcome
Graduates in Italian accurately and insightfully analyze the language, literature, and other cultural products of the Italian-speaking world by recognizing, evaluating, and synthesizing relevant primary and critical sources in their research and other scholarly products. In so doing, they demonstrate the learned abilities to think critically and to "seek out and share only credible, reliable, and factual sources of information" (General Handbook, 38.8.41). Their moral character is reflected in the ethical practices they uphold in their research, including the appropriate use of artificial intelligence tools.

Title
Cultural Navigation and Interpretation

Learning Outcome
Graduates in Italian adeptly negotiate cultural values and practices transmitted through literature, film, and other media, as well as engage with complexities of the Italian-speaking world to create meaningful connections with people of other cultures and perspectives. Their careful study of these cultural products promotes the lifelong cultivation of humility, empathy, and Christlike charity toward their fellow beings.

Program Requirements
Students must complete the requirements for a primary major in another field.

The French and Italian Department requires a minimum of 15 major hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

HCOLL 110 and/or STDEV 317 are recommended.

Complete the following prerequisite courses: ITAL 101, 102, 201, 202. (May be waived with previous equivalent language experience.)

Requirement 1 —Complete 3 Courses

Core requirements:

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL322 Advanced Language Part 2 - Advanced Language Part 2 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

Requirement 2 —Complete 21 hours

Complete 21 hours of upper-division (300-level and above) electives from the following. Note: Up to 12 credit hours from related departments may be counted upon departmental approval.

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL363 Italian Civ on Study Abroad - Italian Civ on Study Abroad 3.0

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL445 Italian Women Writers - Italian Women Writers 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL447R Studies in Literature - Studies in Literature - *You may take once* 3.0

ITAL448R Studies in Visual Cultures - Studies in Visual Cultures - *You may take once* 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take 3 times* 3.0

MSB596R Business Italian - Business Italian - *You may take once* 3.0

Requirement 3 —Complete 1 Course

Complete the following and have an oral proficiency interview (OPI) in the semester in which the last Italian course is taken. The rating will be recorded on the student's transcript. The desired minimum ACTFL Proficiency scale is "Intermediate-High."

ITAL491 OPI & Portfolio - OPI & Portfolio 0.5

German (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
15	27

Program Requirements

Complete the following prerequisite courses: Germ 101, 102, 201. Some or all may be waived based on challenge exam. See german.byu.edu for more information or contact the department.

Requirement 1 - Complete 1 of 2 Options

Option 1.1 — Complete Courses

Note: Complete 2.0 credits of German 311R.

GERM202 2nd-Year German - 2nd-Year German 4.0

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century- Germany 20th Century 3.0

GERM311R Advanced Conversation - Advanced Conversation -1.0v

Option 1.2 — Complete 4 Courses

Note: Complete 3.0 credits of GERM 311R.

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM311R Advanced Conversation - Advanced Conversation 1.0v

Requirement 2 — Complete 1 of 3 Courses

Note: German 345 and 346 are only offered on German-language study abroad. German 399R is offered only on German-language internships.

GERM345R Field Studies in German - Field Studies in German 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship: German Work

German Teaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
23	39

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

Declare the minor at the Liberal Arts Advisement Center and contact the German Teaching major advisor for advising.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Complete the following prerequisite courses: Germ 101, 102, 201, 202. Some or all may be waived based on placement exam. See german.byu.edu for more information or contact the department.

Requirement 1 — Complete 6 Courses

Note: Germ 377 must be taken concurrently with Germ 378. Germ 377 and 378 may be waived for students who have taken a methods course for another language.

GERM301 German Cultural History - Intermediate German 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

Requirement 2 — Complete 3 hours

Complete 3 additional hours of courses numbered 217 or higher.

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM340 Writing About Literature - Writing About Literature 3.0

GERM343 Intro to German Literature - Intro to German Literature 3.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship - *You may take once* 0.5v

GERM412R German Proficiency Workshop 2 - German Proficiency Workshop 2 - *You may take once* 1.0v

GERM416 Linguistics Research 2 - Linguistics Research 2 1.0v

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics - *You may take once* 3.0

GERM476 Secondary Student Teaching - Secondary Student Teaching 12.0

GERM490R Special Studies in German - Special Studies in German - *You may take once* 0.5v

GERM497R Sr Sem in German Language - Sr Sem in German Language - *You may take once* 3.0

Complete an ACTFL Oral Proficiency Interview and receive a minimum rating of Advanced-Low before applying to student teach. Contact the Center for Language Studies (3086 JFSB) to schedule your interview. The OPI should be completed prior to student teaching.

Complete the ETS Praxis test in German (see the state of Utah's requirement) prior to applying for graduation and licensing. Register for the Praxis test at www.ETS.org.

Requirement 3 — Complete 1 Course

GERM477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Russian (Minor)

Program Information

Minimum Credit Hours
22

Maximum Credit Hours
26

Program Requirements

Requirement 1 — Complete 4 Courses

Prerequisite courses (may be waived with sufficient proficiency in the language):

RUSS101 1st Yr Russ Part 1 - 1st Yr Russ Part 1 4.0

RUSS102 1st Yr Russ Part 2 - 1st Yr Russ Part 2 4.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 4.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 4.0

Requirement 2 — Complete 1 Requirement

Complete the following with the BYU Russia Study Abroad program or an approved equivalent program:

Requirement 2.1 — Complete 4 Courses

RUSS211 2nd Yr Conversation - 2nd Yr Conversation 0.5v

RUSS301 Intrmed Russian Study Abroad - Intrmed Russian Study Abroad 2.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS490R Special Studies in Russian - Special Studies in Russian - *You may take once* 0.5v

Note: This minor is designed only for students of Russian who have had no missionary-level residency experience in Russia.

Russian Teaching (Minor)

Program Information

Minimum Credit Hours
23

Maximum Credit Hours
40

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

- Note: Before declaring a Russian teaching minor, candidates must consult with the section leader.

- Register with the secretary in the department office.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Courses

Prerequisite courses (may be waived for students with sufficient proficiency in the language):

RUSS101 1st Yr Russ Part 1 - 1st Yr Russ Part 1 4.0

RUSS102 1st Yr Russ Part 2 - 1st Yr Russ Part 2 4.0

RUSS201 2nd-Yr Russian, Part 1 - 2nd-Yr Russian, Part 1 4.0

Requirement 2 — Complete 2 Requirements

Important notes for returned Russian-speaking missionaries:

- Register for 3rd-year Russian courses. Russ 330 is recommended.

- Russ 202 will be waived as a requirement for Russian majors or minors and should not be taken except when remedial work is necessary and permission is obtained from the section leader.

- Credit for Russ 101, 102, 201, and 211 is available through a test given as part of Russ 330.

- If Russ 202 was waived, take Russ 441 or 442.

Requirement 2.2 — Complete 1 of 2 Options

Option 2.2.1 — Complete 1 Course

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 4.0

Option 2.2.2 — Complete 1 Course

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

Requirement 3 — Complete 1 Course

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS322 3rd Yr Russian, Part 2 - 3rd Yr Russian, Part 2 3.0

Requirement 4 — Complete 4 Courses

Note: Russian Teaching minors should complete Germ 377 and Germ 378 or another 377/378 foreign language methodology sequence with prior approval from the section head. Courses must be taken prior to student teaching.

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

Before applying to student teach in the major, complete the Oral Proficiency Interview (OPI) examination with a minimum level of Advanced-Low in order to be granted Utah state licensure.

Requirement 5 — Complete 1 Course

RUSS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Russian (BA)

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
52

Major Academic Plan
MAPS - BA in Russian 2026-2027.docx

Learning Outcomes

Title
1. Language Proficiency

Learning Outcome
Our graduates listen, read, speak, and write at the ACTL Intermediate-high level and thus communicate effectively with a wide range of Russian-speaking audiences.

Title
2. Cultural Navigation

Learning Outcome
Our graduates are effective leaders, ministers, and disciples of Christ, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products in Russian-speaking communities with curiosity, sensitivity, and appreciation.

Title
3. Communication and Information Literacy

Learning Outcome
Our graduates think clearly, communicate effectively, understand important ideas in their own cultural tradition as well as that of Russian-speakers, and establish clear standards of intellectual integrity

Title
4. Lifelong Learning

Learning Outcome
Our graduates are committed to service within their local and global communities, exemplifying personal initiative, and reflective participation as they engage in cultural exchange with Russian-speakers.

Program Requirements

- It is strongly recommended that StDev 317, a 2-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic

employment strategies, including the steps necessary for obtaining employment related to their own specialty. HColl 310, a 1-credit hour course, is also recommended at the end of the junior or beginning of the senior year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths.

- Important Note for Returned Russian-Speaking Missionaries: (1) Register for third-year Russian classes. Russ 330 is recommended. (2) Russ 202 will be waived as a requirement for Russian majors and should not be taken except when remedial work is necessary and permission is obtained from the section leaders. (3) Credit for Russ 101, 102, 201, and 211 is available through a test given as part of Russ 330. (4) Returned missionaries must complete Russ 330 and talk with the Russian section head before declaring a major.

RECOMMENDED complete 4 courses

Complete the following prerequisite courses: Russ 101, 102, 201, 202

RUSS 101 - First-Year Russian, Part 1 4.0 RUSS 102 - First-Year Russian, Part 2 4.0 RUSS 201 - Second-Year Russian, Part 1 4.0 RUSS 202 - Second-Year Russian, Part 2 4.0

Requirement 1 — Complete 5 Courses

Language courses:

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS322 3rd Yr Russian, Part 2 - 3rd Yr Russian, Part 2 3.0

RUSS323 Phonology & Morphology - Phonology & Morphology 3.0

RUSS421 4th Yr Russian, Part 1 - 4th Yr Russian, Part 1 3.0

RUSS422 4th-Year Russian, Part 2 - 4th-Year Russian, Part 2 3.0

Requirement 2 — Complete 5 Courses

Literature and culture courses:

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

RUSS492R Senior Seminar - Senior Seminar - *You may take once* 2.0

Requirement 3 — Complete 1 of 4 Courses

Electives:

RUSS341 Dostoevsky - Dostoevsky 3.0

RUSS342 Tolstoy - Tolstoy 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

RUSS344 Russian Arts & Letters - Russian Arts & Letters 3.0

Requirement 4 — Complete 1 of 2 Courses

Complete one professionalizing course or an equivalent course. Contact the department internship coordinator for more information. A second major or substantial minor may be substituted for this course in certain circumstances.

RUSS199R Academic Internship - Academic Internship - *You may take once* 0.5v

RUSS399R Academic Internship - Academic Internship - *You may take once* 0.5v

Contact the department internship coordinator for more information.

NOTE: Students are strongly encouraged to participate in a related Russian language/cultural immersion experience, such as living at the Language Immersion Student Residence and/or participating in a Study Abroad program after RUSS 202.

German Teaching (BA)

Program Information

Minimum Credit Hours
62

Maximum Credit Hours
78

Major Academic Plan
MAPS - BA in German Teaching 2026-2027.docx

Learning Outcomes

Title
German Language Proficiency

Learning Outcome
Over the past year, all graduates have reached a minimun proficiency level of Advanced Low.

Title
Cultural Literacy and Linguistics

Learning Outcome
Students will demonstrate a broad knowledge, comprehension, and appreciation of the culture, literature, linguistics, and history of German-speaking countries.

Title
Critical Engagement

Learning Outcome
Students will communicate effectively in speech and writing about topics related to the culture, literature, and linguistics of German-speaking countries. Their presentations and writing will demonstrate careful analysis, critical thinking, coherent argumentation, and the ability to connect their ideas to those of relevant scholars and thinkers.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

- For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

- Declare the major at the Liberal Arts Advisement Center and contact the German Teaching major advisor for advising.

- Complete the following prerequisite courses: GERM 101, 102, 201, 202. Some or all may be waived based on placement exam or challenge exam. See german.byu.edu for more information or contact the department.

Requirement 1 —Complete 2 hours

Complete 3 hours of the following or equivalent residency (mission, study abroad, internship, German language residence):

GERM311R Advanced Conversation - Advanced Conversation - *You may take up to 3.0 credit hours* 1.0v

Requirement 2 —Complete 7 Courses

Note: Germ 377 must be taken concurrently with Germ 378. Germ 377 and 378 may be waived for students who have taken a methods course for another language.

GERM301 German Cultural History - Intermediate German 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM343 Intro to German Literature - Intro to German Literature 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

GERM377 Methods in Teaching German - Methods in Teaching German 3.0

GERM378 Practicum in Teaching German - Practicum in Teaching German 1.0

Requirement 3 —Complete 13 hours

Complete 13 additional hours of courses numbered 217 or higher.

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM300R 3rd Yr Proficiency Tutorial - 3rd Yr Proficiency Tutorial - *You may take once* 1.0v

GERM340 Writing About Literature - Writing About Literature 3.0

GERM345R Field Studies in German - Field Studies in German - *You may take once* 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship - *You may take once* 0.5v

GERM412R German Proficiency Workshop 2 - German Proficiency Workshop 2 - *You may take once* 1.0v

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics - *You may take once* 3.0

GERM497R Sr Sem in German Language - Sr Sem in German Language - *You may take once* 3.0

Requirement 4 —Complete 1 Course

Complete the following courses (not offered spring or summer) during one of last two semesters before graduation. The courses must be taken concurrently. Germ 400R prepares students for proficiency exams. Germ 401 posts the Teacher Work Sample grade to the transcript. Completion of Germ 400R two semesters before student teaching is recommended.

GERM400R 4th-Yr Proficiency Tutorial - 4th-Yr Proficiency Tutorial - *You may take once* 1.0

Complete the ETS Praxis test for German prior to applying for graduation and certification. Contact Education Student Services in 120 MCKB to sign up for the test.

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

All candidates for teacher licensure are required to be fingerprinted and pass an FBI background check prior to enrolling in FLANG 276. Go to 350 MCKB for fingerprinting and an FBI background check. Allow 2-3 weeks for processing. Fingerprint clearance is valid for three years only. If clearance expires prior to student teaching, candidates must repeat the fingerprint clearance and fee process. Failing to expunge or clear up a police record of any kind prior to the background check may result in a blocked registration while a review board investigates the charges. Candidates who do not pass an FBI background check will be removed from the teacher education licensure program.

Requirement 5 —Complete 7 Courses

Note: FBI fingerprint and background clearance must be completed before enrollment in FLANG 276. Note: FLANG 276 is the prerequisite for CPSE 402, IP&T 286, SC ED 353, and SC ED 375.

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 6 —Complete 12 hours

GERM476 Secondary Student Teaching - Secondary Student Teaching - *You may take up to 12.0 credit hours* 12.0

Complete an ACTFL Oral Proficiency Interview or ACTFL Oral Proficiency Interview—Computer and receive a minimum rating of Advanced-Low before applying to student teach. Contact the Center for Language Studies (3086 JFSB) to schedule your interview. This requirement may also be satisfied during Germ 400R.

German (BA)

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
49

Learning Outcomes

Title
German Language Proficiency

Learning Outcome
Students will speak, listen, read, and write German at the ACTFL Advanced Low level or higher.

Title
Cultural Literacy and Linguistics

Learning Outcome
Students will demonstrate a broad knowledge, comprehension, and appreciation of the culture, literature, linguistics, and history of German-speaking countries.

Title
Critical Engagement

Learning Outcome
Students will communicate effectively in speech and writing about topics related to the culture, literature, and linguistics of German-speaking countries. Their presentations and writing will demonstrate careful analysis, critical thinking, coherent argumentation, and the ability to connect their ideas to those of relevant scholars and thinkers.

Title
Lifelong Learning and Character Building

Learning Outcome
Students will become more curious about other cultural traditions and societies, and understand how engagement with these can clarify one's own intellectual and moral commitments. They will develop skills of close reading and analysis that will allow to see more than they would otherwise see in the world around them, and thus act more wisely and responsibly.

Program Requirements

Complete the following prerequisite courses: Germ 101, 102, 201, 202. Some or all may be waived based on placement exam or challenge exam. See german.byu.edu for more information or contact the department.

Requirement 1 — Complete 2 hours

This credit is usually acquired through a challenge exam, study abroad, an internship, or the German House.

GERM311R Advanced Conversation - Advanced Conversation 1.0v

Requirement 2 — Complete 5 Courses

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today- Germany Today 3.0

GERM343 Intro to German Literature - Intro to German Literature 3.0

GERM344 Intro to German Linguistics - Intro to German Linguistics 3.0

Requirement 3 — Complete 6 hours

R courses (440R, 470R) may be repeated to fulfill this requirement.

GERM440R Topics in German Literature - Topics in German Literature 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics - Topics in German Linguistics 3.0

Requirement 4 — Complete 9 hours

Additional credits of Germ 440R and 470R can be applied here once Requirement 3 is fulfilled.

MSB 596R may only be applied once to Requirement 4

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM250 Marx, Nietzsche, Freud - Marx, Nietzsche, Freud 3.0

GERM340 Writing About Literature - Writing About Literature 3.0

GERM345R Field Studies in German - Field Studies in German 1.0v

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM399R Academic Internship - Academic Internship 0.5v

GERM440R Topics in German Literature - Topics Lit Film Culture 3.0

GERM441R Topics in German Lit (English) - Topics in German Lit (English) 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GERM460 Structure of Modern German - Structure of Modern German 3.0

GERM470R Topics in German Linguistics- Topics in German Linguistics 3.0

MSB596R Business German - Business German - *You may take once* 3.0

Requirement 5 —Complete 1 Course

The following course prepares students for ACTFL proficiency exams. Complete in last year of program.

GERM400R 4th-Yr Proficiency Tutorial- 4th-Yr Proficiency Tutorial 1.0

Classical Studies (Greek option) (Minor)

Program Information

Minimum Credit Hours
22

Maximum Credit Hours
22

Learning Outcomes

Title
Mechanics of the Greek language

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Greek authors. Specifically, they will be able to read and comprehend the writings of Xenophon, Homer, Plato, Euripides, and other Greek authors of comparable difficulty.

Title
Interpretation and analysis of Greek texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing ancient Greek culture

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from Mycenaean civilization through the Hellenistic Age.

Program Requirements

Requirement 1 — Complete 16 hours

GREEK from: 201 to: 499

Requirement 2 — Complete 6 hours

CL CV from: 100 to: 499

CLSCS from: 100 to: 499

GREEK from: 100 to: 499

Note: Greek 411R may be taken only once.

Classical Studies (Latin option) (Minor)

Program Information

Minimum Credit Hours
22

Maximum Credit Hours
22

Learning Outcomes

Title
Mechanics of the Latin language

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically, they will be able to read and comprehend the writings of Caesar, Vergil, Cicero, Tacitus, and other Latin authors of comparable difficulty.

Title
Interpretation and analysis of Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing the culture of Rome

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Rome from the Regal Period to the decline of the Empire.

Program Requirements

Requirement 1 — Complete 16 hours

LATIN from: 201 to: 499

Requirement 2 — Complete 6 hours

CL CV from: 100 to: 499

CLSCS from: 100 to: 499

LATIN from: 121 to: 499

Note: Latin 411R may be taken only once.

Latin Teaching (Minor)

Program Information

Minimum Credit Hours
27

Maximum Credit Hours
35

Learning Outcomes

Title
Mechanics of the Latin language

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically, they will be able to read and comprehend the writings of Caesar, Vergil, Cicero, Tacitus, and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters. We currently have no students enrolled in the Latin teaching minor, so it has received almost no attention by the faculty. We will continue to monitor the minor if/when students enroll in it.

Title
Interpretation and analysis of Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing the culture of Rome

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Rome from the Regal Period to the decline of the Empire.

Title
Teaching

Learning Outcome
Demonstrate effective Latin teaching.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 of 2 Options

NOTE: Latin 101, 102, 111 may be waived with equivalent language experience.

Option 1.1 — Complete 2 Courses

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

Option 1.2 — Complete 1 Course

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

Requirement 2 — Complete 6 Courses

NOTE: The Latin 302 course is the prerequisite for all 400-level Latin prose courses and the Latin 301 course is the prerequisite for all 400-level Latin poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN377 Secondary Tchg Procedures - Secondary Tchg Procedures 3.0

LATIN378 Practicum in Teaching Latin - Practicum in Teaching Latin 1.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

Requirement 3 — Complete 1 Requirement

Requirement 3.1 — Complete 6 hours

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note 1: One course from Cl Cv 246, 307, 340R, 362, or Clscs 430R may be substituted.

Note 2: Latin 411R may be taken only once.

Requirement 4 — Complete 1 Course

LATIN477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Interdisciplinary Humanities (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Cultural and Intellectual History

Learning Outcome
Demonstrate broad interdisciplinary knowledge of cultural and intellectual history, including proficiency in a foreign language.

Title
Proficiency in Interdisciplinary Approaches to Humanities

Learning Outcome
Demonstrate proficiency in interdisciplinary approaches to the humanistic tradition as well as concentrated coursework in a chosen track.

Title
Critical Thinking, Research, and Writing Skills

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

Title
Post-baccalaureate Preparation, Lifelong Learning, Service

Learning Outcome
Prepare for career or post-baccalaureate education through additional concentrated coursework specifically related to individual educational and career goals.

Program Requirements

Requirement 1 — Complete 4 Courses

IHUM201 Western Humanities 1 - Western Humanities 1 3.0

IHUM202 Western Humanities 2 - Western Humanities 2 3.0

IHUM250 Intro to Interdisciplinary Hum - Intro to Interdisciplinary Hum 3.0

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

Requirement 2 — Complete 1 of 7 Courses

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

IHUM244 Humanities of Africa - Humanities of Africa 3.0

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

Requirement 3 — Complete 1 Course

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:

Meet the GE Languages of Learning requirement.

International Cinema Studies (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Program Requirements

Requirement 1 — Complete 1 of 6 Courses

Note: Will not double count with requirement 2 below.

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA102 Introduction to Film - Introduction to Film 3.0

Note: Fren 317 & Ital 317 are equivalent, as are Germ 217 & Scand 217. Any of these four courses could be used in either Requirement 1 or Requirement 2.

Requirement 2 — Complete 1 of 17 Courses

Complete one of the following courses from a department different from the course taken in requirement 1 above:

AM ST360 Film in American Culture - Film in American Culture 3.0

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CL CV261 Gk Rom Cv Lit Film - Gk Rom Cv Lit Film 3.0

CMLIT310 Intro Comp Lit - Intro Comp Lit 3.0

ENGL345 Literature & Film - Literature & Film 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA291 Film History 1 - Film History 1 3.0

TMA292 Film History 2 - Film History 2 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA294 History of Animation - History of Animation 3.0

TMA295 Contemporary Screens - Contemporary Screens 3.0

Requirement 3 — Complete 3 hours

Complete three credit hours total of the following: (Note: The two registrations MUST BE COMPLETED DURING TWO SEPARATE SEMESTERS/TERMS.)

ICS290R International Cinema - International Cinema - *You may take once* 1.5

ICS290R International Cinema - International Cinema - *You may take once* 1.5

Requirement 4 — Complete 1 Course

ICS390 Film & Media Theory - Film & Media Theory 3.0

Requirement 5 — Complete 1 of 6 Courses

Any 400-level course on a cinematic topic offered by a department in the College of Humanities may be used to fulfill the above requirement. See the advisement center.

ICS490R Intnatl Cinema Studies Seminar - Intnatl Cinema Studies Seminar - *You may take once* 3.0

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take once* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take once* 3.0

Requirement 6 — Complete 1 Course

ICS491 Int Cinema Studies Capstone - Int Cinema Studies Capstone 1.0

Interdisciplinary Humanities (BA)

Program Information

Minimum Credit Hours
56

Maximum Credit Hours
87

Major Academic Plan
MAPS - BA in Interdisciplinary Humanities 2026-2027.docx

Learning Outcomes

Title
Cultural and Intellectual History

Learning Outcome
Demonstrate broad interdisciplinary knowledge of cultural and intellectual history including proficiency in a foreign language.

Title
Proficiency in Interdisciplinary Approaches to Humanities

Learning Outcome
Demonstrate proficiency in interdisciplinary approaches to the humanistic tradition as well as concentrated coursework in a chosen track.

Title
Critical Thinking, Research, and Writing Skills

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

Title
Post-baccalaureate Preparation, Lifelong Learning, Service

Learning Outcome
Prepare for career or post-baccalaureate education through additional concentrated coursework specifically related to individual educational and career goals.

Program Requirements

Note: It is strongly recommended that students complete IHum 311: Advanced Writing in Comparative Arts and Humanities to fulfill the GE Advanced Written and Oral Communication requirement.

Requirement 1 — Complete 3 Courses

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

IHUM250 Intro to Interdisciplinary Hum - Intro to Interdisciplinary Hum 3.0

IHUM280R Sophomore Seminar - Sophomore Seminar - *You may take once* 3.0

Requirement 2 — Complete 2 Courses

IHUM201 Western Humanities 1 - Western Humanities 1 3.0

IHUM202 Western Humanities 2 - Western Humanities 2 3.0

Requirement 3 — Complete 2 of 5 Options

Option 3.1 — Complete 1 Course

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

Option 3.2 — Complete 1 Course

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

Option 3.3 — Complete 1 Course

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

Option 3.4 — Complete 1 Course

IHUM244 Humanities of Africa - Humanities of Africa 3.0

Option 3.5 — Complete 1 of 2 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

Requirement 4 — Complete 2 of 3 Courses

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

Requirement 5 — Complete 1 of 30 Courses

Complete one upper-division foreign language course. For languages not listed, contact the IHUM section head.

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ASL301 Advanced ASL - Advanced ASL 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH330 Advanced Danish - Advanced Danish 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

FINN330 Advanced Finnish - Advanced Finnish 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

GERM330 Cultural History of Germany - Cultural History of Germany 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

HEB301 3rd-Year Modern Hebrew 1 - 3rd-Year Modern Hebrew 1 4.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATVI330 Cultural History of Latvia - Cultural History of Latvia 3.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT206 Intensive Port Skills Develop - 3rd-Yr Port Read, Gram, & Cult 3.0

ROM340 Intro toRomanian Liter&Culture - Intro toRomanian Liter&Culture 3.0

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

SLN330 Adv Lang & Cult: Slovene - Adv Lang & Cult: Slovene 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SRBCR 330 - Cultural Hist FormerYugoslavia - *This course is no longer available.*

SWED330 Advanced Swedish - Advanced Swedish 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH201 Second Year Welsh - Second Year Welsh 4.0

Requirement 6 — Complete 2 Courses

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

IHUM370 Contemporary Issues - Contemporary Issues 3.0

Requirement 7 — Complete 1 Course

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

Requirement 8 — Complete 1 Requirement

Note: Students choosing Option 8.1, the internship course (IHum 399R), will work with the IHum internship coordinator; students choosing one of the other alternatives listed under Option 8.2 must gain approval from the IHum section head.

Requirement 8.1 — Complete 1 Course

IHUM399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

Requirement 8.2 — Obtain confirmation from your advisement center that you have completed the following:

Complete an equivalent type of experiential learning opportunity such as Study Abroad, field studies, ORCA fellowships, Honors thesis, or mentored research project.

Complete an equivalent type of experiential learning opportunity such as Study Abroad, field studies, ORCA fellowships, Honors thesis, or mentored research project.

Requirement 9 — Complete 1 of 7 Options

Complete 12 hours in one of the following tracks as approved by a faculty advisor. At least 6 of the 12 hours must be from upper division courses.

Option 9.1 — Obtain confirmation from your advisement center that you have completed the following:

A. Double Major or Minor Track: Courses from a double major or minor in a field relevant to the student's Interdisciplinary Humanities studies may be used to satisfy this requirement. Contact the Interdisciplinary Section Head for more information about utilizing this option.

Option 9.2 — Complete 12 hours

B. Art History Track:

ARTED397 Issues in Contemporary Art - Issues in Contemporary Art 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

ARTHC365 Amer Architecture - Amer Architecture 3.0

ARTHC367 Modern Architectur - Modern Architectur 3.0

ARTHC375 Japanese Art & Architecture - Japanese Art & Architecture 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

ARTHC382 Southern Mesoamerican Art - Southern Mesoamerican Art 3.0

ARTHC490R Spec Top Read Arth - Spec Top Read Arth - *You may take once* 1.0v

Option 9.3 — Complete 12 hours

C. English Track:

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ELANG 324 - Hist of the English Language - *This course is no longer available.*

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL322 Rhetorical Foundations - Rhetorical Foundations 3.0

ENGL 333 - The British Novel - *This course is no longer available.*

ENGL 336 - The American Novel - *This course is no longer available.*

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL338 Literary Studies of the Bible - Literary Studies of the Bible 3.0

ENGL 341 - British Drama to 1800 - *This course is no longer available.*

ENGL 343 - Modern British Drama - *This course is no longer available.*

ENGL345 Literature & Film - Literature & Film 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL356 Myth, Legend, & Folktale - Myth, Legend, & Folktale 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once* - *This course is no longer available.*

ENGL 359 - The Short Story - *This course is no longer available.*

ENGL 360 - American Lit to 1800 - *This course is no longer available.*

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available.*

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available.*

ENGL 363 - American Lit 1914-1960 - *This course is no longer available.*

ENGL 365 - American Lit 1960 - Present - *This course is no longer available.*

ENGL 366 - Studies in Poetry - *This course is no longer available.*

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL 371 - British Lit to 1500 - *This course is no longer available.*

ENGL 372 - British Lit 1500 - 1603 - *This course is no longer available.*

ENGL 373 - British Lit 1660 - 1789 - *This course is no longer available.*

ENGL 374 - British Lit 1789 - 1832 - *This course is no longer available.*

ENGL 375 - British Lit 1832 - 1900 - *This course is no longer available.*

ENGL 376 - British Lit 1900 - 1950 - *This course is no longer available.*

ENGL 380 - British Lit 1950 - Present - *This course is no longer available.*

ENGL 381 - Chaucer - *This course is no longer available.*

ENGL 382 - Shakespeare - *This course is no longer available.*

ENGL 383 - Milton - *This course is no longer available.*

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL 385 - British Lit 1603 - 1660 - *This course is no longer available.*

ENGL391 Introduction to Folklore - Introduction to Folklore 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL 393R - Studies Folklore - *You may take once* - *This course is no longer available.*

ENGL395R Studies in Literature - Studies in Literature - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

ENGL 451 - Literary Thry 1: Critical Trad - *This course is no longer available.*

ENGL 452 - Literary Thry 2:Contemp Crit - *This course is no longer available.*

Option 9.4 — Complete 12 hours

D. Environmental Humanities Track:

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

BIO130 Biology - Biology 4.0

BIO220 Biological Diversity: Animals - Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants - Biological Diversity: Plants 4.0

BIO 347 - Religion & the Environment - *This course is no longer available.*

BIO350 Ecology - Ecology 3.0

BIO370 Bioethics - Bioethics 2.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

HIST290 Nature & History - Nature & History 3.0

PWS100 Plants in the Environment - Plants in the Environment 3.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

Option 9.5 — Obtain confirmation from your advisement center that you have completed the following:

E. Foreign Literature Track: Course work for the Foreign Literature track must consist of upper-division courses from foreign language departments, chosen in consultation with the track's faculty advisor.

Option 9.6 — Complete 12 hours

F. History Track:

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST290 Nature & History - Nature & History 3.0

HIST 291 - History of Science - *This course is no longer available.*

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST304 European Expansion - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST 310 - Euro Economic Hist - *This course is no longer available.*

HIST312 History of Ideas - History of Ideas 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST 320 - Society in Europe - *This course is no longer available.*

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST335 Crusades - Crusades 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1830-present 3.0

HIST 388 - Indians in Colonial America - *This course is no longer available.*

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

Option 9.7 — Complete 12 hours

G. Media Arts (Film) Track:

CMLIT450R Literary Relations - Literary Relations - *You may take once* 3.0

ENGL345 Literature & Film - Literature & Film 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

ICS490R Intnatl Cinema Studies Seminar - Intnatl Cinema Studies Seminar - *You may take once* 3.0

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take once* 3.0

TMA494R Transcendence: Religion & Film - Transcendence: Religion & Film 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take once* 3.0

Note: IHum 390R only qualifies when it is on a film or media arts topic. It cannot simultaneously satisfy requirement 8.

Option 9.8 — Complete 12 hours

H. Philosophy Track:

PHIL110 Introduction to Philosophy - Introduction to Philosophy 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Advanced Philosophy of Art - Advanced Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

Option 9.9 — Complete 2 Requirements

I. Theatre Track:

Requirement 9.9.1 — Complete 9 hours

TMA301 Contemp Performance Practices - Contemp Performance Practices 2.0

TMA377C Methods Applied Theatre - Methods Applied Theatre 3.0

TMA380 Production Dramaturgy - Production Dramaturgy 3.0

TMA395 Dramatic Literature 1 - Dramatic Literature 1 3.0

TMA396 TMA 396 -Dramatic Literature 2 - Dramatic Literature 2 3.0

TMA443R WDA Workshop - WDA Workshop - *You may take once* 3.0

TMA485R Dramaturgy Practicum - Dramaturgy Practicum - *You may take once* 1.0v

Requirement 9.9.2 — Complete 3 hours

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

ENGL 341 - British Drama to 1800 - *This course is no longer available.*

ENGL 343 - Modern British Drama - *This course is no longer available.*

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

Requirement 10 — Complete 6 hours

Complete six hours of the following capstone course (take twice):

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take 2 times* 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take 2 times* 3.0

Comparative Literature (BA)

Program Information

Minimum Credit Hours
38

Maximum Credit Hours
58

Major Academic Plan
MAPS - BA in Comparative Literature 2026-2027.docx

Learning Outcomes

Title
Foreign Language Proficiency

Learning Outcome
Demonstrate the ability to analyze a literary text in at least one language in addition to English.

Title
Literary History and Traditions

Learning Outcome
Articulate a sound understanding of the broad outlines of western literary history, including the place of Classical Greek and Roman literature within its development, and demonstrate familiarity with the Asian tradition; know the literary traditions of two languages well enough to successfully complete course work and a reading list, chosen in consultation with a faculty adviser.

Title
Literary Analysis and Writing

Learning Outcome
Use tools and methods of literary analysis central to the discipline of Comparative Literature to read, analyze, and interpret literary texts closely and critically, and in the original language, and to communicate that analysis through clear and persuasive writing.

Title
Researching Problems in Literary Studies

Learning Outcome
Identify and research a problem in literary study by gaining an understanding of the state of knowledge surrounding the issue, analyzing the primary and secondary sources relevant to it, and formulating and following a method appropriate to the problem.

Program Requirements
It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Acquire a thorough knowledge of two language traditions relevant to individual program of study (one of these may be English for students who emphasize the Anglo-American literary tradition) (approximately 16-32 hours). Competence will normally be demonstrated in course work, but an examination may be required. If planning advanced work in comparative literature, students should gain reading knowledge of both an additional modern language and a classical language.

Complete a reading list (determined in consultation with a faculty advisor) and submit a writing portfolio. During the final semester enroll in CmLit 497 to complete a written examination on the reading list and to have the portfolio reviewed. CmLit 201 & 202, or 211 & 212, are strongly recommended, in part because the reading list core consists of texts treated in these courses. Students who do not complete a literature-based civilization sequence are at a disadvantage in working systematically through the list.

Course configuration must be approved by department advisor.

Requirement 1 —Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 —Complete 1 Requirement

Requirement 2.1 —Complete 3 Courses

CMLIT310 Intro Comp Lit - Intro Comp Lit 3.0

CMLIT342 Asian Lit Traditns - Asian Lit Traditns 3.0

CMLIT497 Reading List Exam - Reading List Exam 1.0

Note: CmLit 310 and a reading knowledge of at least one foreign language are prerequisite to all upper-division comparative literature courses. In addition, completion of CmLit 342 and three comparative literature 400-level seminars is prerequisite to 497.

IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 3 —Complete 1 Requirement

Requirement 3.1 —Complete 5 Courses

CMLIT420R Period Studies - Period Studies - *You may take 5 times* 3.0

CMLIT430R Genre Studies - Genre Studies - *You may take 5 times* 3.0

CMLIT440R Theme Studies - Theme Studies - *You may take 5 times* 3.0

CMLIT450R Literary Relations - Literary Relations - *You may take 5 times* 3.0

CMLIT460R Literary Theory - Literary Theory - *You may take 5 times* 3.0

Note: While variety is recommended, students may take more than one section of the same "R" suffix courses (e.g., two 420Rs, etc.).

Requirement 4 —Complete 1 of 2 Options

Option 4.1 —Complete 1 of 4 Courses

Complete an upper-division literature course in Greek or Latin:

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

Option 4.2 —Complete 1 of 3 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV355 Clscs & Engl Trad - Clscs & Engl Trad 3.0

Requirement 5 —Complete 12 hours

The following courses deal with texts in the original language. These courses must be in addition to previous requirements. Although English courses may be taken, courses must be taken in at least one other language as well.

Option 5.1 —Complete at least 3 hours up to 12 hours

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take once* 2.0

ARAB531R Adv Study Arab - Adv Study Arab - *You may take once* 0.5v

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

CHIN445R Chinese Poetry - Chinese Poetry - *You may take once* 3.0

CMLIT320 Junior Seminar - Junior Seminar 3.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH340 Intro to Dutch Literature - Intro to Dutch Literature 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN452R Studies in Period,Mvmt & Theme - Studies in Period,Mvmt & Theme - *You may take once* 3.0

FREN453R Studies in Genre - Studies in Genre - *You may take once* 3.0

FREN454R Studies in Author - Studies in Author - *You may take once* 3.0

FREN455R Studies in Literary Theory - Studies in Literary Theory - *You may take once* 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM 441R - Studies in Literary Genres - *You may take once* 1.0v

GERM 442R - Major German Authors - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

GERM 443R - Studies in Literary Theory - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

GERM498R Professional Development Sem - Professional Development Sem - *You may take once* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

GREEK430 Herodotus - Herodotus 3.0

GREEK431 Homer, the Odyssey - Homer, the Odyssey 3.0

GREEK433 Thucydides - Thucydides 3.0

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

GREEK435 Greek Lyric Poetry - Greek Lyric Poetry 3.0

GREEK436 Plato - Plato 3.0

GREEK437 Attic Orators - Attic Orators 3.0

GREEK490R Topcs Greek Liter - Topcs Greek Liter - *You may take once* 0.5v

HEB331 3rd-yr Biblical Hebrew 1 - 3rd-yr Biblical Hebrew 1 4.0

HEB 431 - Rdngs in Hebrew Scriptures 2 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 4.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

HEB441 Mishnah - Mishnah 2.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ITAL 441 - Late Middle Ages & Renais Lit - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 442 - Ital Lit in the Age of Reform - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 443 - Romantic Period Literature - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL 444 - Ital Lit 20th Cent - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

ITAL495R Senior Seminar - Senior Seminar - *You may take once* 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

KOREA495 Senior Seminar - Senior Seminar 2.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

NORWE340 Norwegian Literature - Norwegian Literature 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

PORT442 Camoes - Camoes 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit - *You may take once* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take once* 3.0

PORT 462R - Lusophone Literature - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

RUSS490R Special Studies in Russian - Special Studies in Russian - *You may take once* 0.5v

RUSS492R Senior Seminar - Senior Seminar - *You may take once* 2.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take once* 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take once* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

Option 5.2 —Complete up to 9 hours

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ENGL 333 - The British Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 336 - The American Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL 341 - British Drama to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 343 - Modern British Drama - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL355 Classics & the Engl Tradition - Classics & the Engl Tradition 3.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 359 - The Short Story - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 360 - American Lit to 1800 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 363 - American Lit 1914-1960 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 365 - American Lit 1960 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 366 - Studies in Poetry - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL 371 - British Lit to 1500 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 372 - British Lit 1500 - 1603 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 373 - British Lit 1660 - 1789 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 374 - British Lit 1789 - 1832 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 375 - British Lit 1832 - 1900 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 376 - British Lit 1900 - 1950 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 380 - British Lit 1950 - Present - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 381 - Chaucer - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL382 Shakespeare - Shakespeare 3.0

ENGL 383 - Milton - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL 385 - British Lit 1603 - 1660 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 390R - Transnation/Transatlantic Lit - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

Latin Teaching (BA)

Program Information

Minimum Credit Hours
66

Maximum Credit Hours
74

Major Academic Plan
MAPS - BA in Latin Teaching 2026-2027.docx

Learning Outcomes

Title
Mechanics of the Latin language

Learning Outcome
With minimal and informed recourse to dictionaries grammars commentaries and other translation aids students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically they will be able to read and comprehend the writings of Caesar Vergil Cicero Tacitus and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters.

Title
Interpretation and analysis of Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing the culture of Rome

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history literature philosophy and visual arts of Rome from the Regal Period to the decline of the Empire.

Title
Teaching

Learning Outcome
Demonstrate effective Latin teaching.

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides.

Requirement 1 — Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 — Complete 2 Courses

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV307 Roman History - Roman History 3.0

Requirement 3 — Complete 1 of 2 Options

Note: Latin 101, 102, 111 may be waived with equivalent language experience.

Option 3.1 — Complete 2 Courses

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

Option 3.2 — Complete 1 Course

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

Requirement 4 — Complete 6 Courses

NOTE: The Latin 302 course is the prerequisite for all 400-level Latin prose courses and the Latin 301 course is the prerequisite for all 400-level Latin poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN377 Secondary Tchg Procedures - Secondary Tchg Procedures 3.0

LATIN378 Practicum in Teaching Latin - Practicum in Teaching Latin 1.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

Requirement 5 — Complete 1 of 3 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

Requirement 6 — Complete 1 Requirement

Requirement 6.1 — Complete 12 hours

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note: Latin 411R may be taken only once.

IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 7 — Complete 2 Requirements

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 7.1 — Complete 7 Courses

NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLang 276.

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 in El. Ed. -Integrating K-12 in El. Ed. 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 7.2 — Complete 12 hours

SC ED 476R - Student Tchg Intrnshp-F Lang - *You may take up to 12.0 credit hours - This course is no longer available.*

SC ED496R Academic Internship--English - Academic Internship - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their LiveText accounts (PIBS, CDS, FED) and attach their TWS to the LiveText account for their program. All four must be completed to be cleared for graduation.

Classical Studies (BA): Greek Emphasis

Program Information

Minimum Credit Hours
46

Maximum Credit Hours
46

Major Academic Plan
MAPS - BA in Classical Studies - Greek Emphasis 2026-2027.docx

Learning Outcomes

Title
Mechanics of the Greek language

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Greek authors. Specifically, they will be able to read and comprehend the writings of Xenophon, Homer, Plato, Euripides, and other Greek authors of comparable difficulty. Students will be able to compose Greek sentences and paragraphs in imitation of the style of Classical Greek masters.

Title
Interpretation and analysis of Greek texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing ancient Greek culture

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from Mycenaean civilization through the Hellenistic Age.

Program Requirements

Emphasizes Greek language and literature, with some work in Greek civilization.

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Requirement 1 —Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 —Complete 1 of 3 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

Requirement 3 —Complete 1 Requirement

Requirement 3.1 —Complete 10 Courses

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV304 Greek History - Greek History 3.0

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

GREEK401 Greek Prose Composition - Greek Prose Composition 3.0

Note 1: Greek 101, 102 may be waived with equivalent language experience.

Note 2: The Greek 302 course is the prerequisite for all 400-level prose courses and the Greek 301 course is the prerequisite for all 400-level poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and the instructor of the 400-level course concerned.

IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 4 —Complete 1 Requirement

Requirement 4.1 —Complete 12 hours

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take once* 3.0

GREEK430 Herodotus - Herodotus 3.0

GREEK431 Homer, the Odyssey - Homer, the Odyssey 3.0

GREEK433 Thucydides - Thucydides 3.0

GREEK434 Sophocles & Euripides - Sophocles & Euripides 3.0

GREEK435 Greek Lyric Poetry - Greek Lyric Poetry 3.0

GREEK436 Plato - Plato 3.0

GREEK437 Attic Orators - Attic Orators 3.0

GREEK490R Topcs Greek Liter - Topcs Greek Liter - *You may take once* 0.5v

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

Note: Greek 411R or Cl Cv 340R may be taken only once each.

Classical Studies (BA): Latin Emphasis

Program Information

Minimum Credit Hours
43

Maximum Credit Hours
46

Major Academic Plan
MAPS - BA in Classical Studies - Latin Emphasis 2026-2027.docx

Learning Outcomes

Title
Mechanics of the Latin language

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Latin authors. Specifically, they will be able to read and comprehend the writings of Caesar, Vergil, Cicero, Tacitus, and other Latin authors of comparable difficulty. Students will be able to compose Latin sentences and paragraphs in imitation of the style of Classical Roman masters.

Title
Interpretation and analysis of Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing the culture of Rome

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Rome from the Regal Period to the decline of the Empire.

Program Requirements
Emphasizes Latin language and literature, with some work in Roman civilization.

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Requirement 1 —Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 —Complete 1 of 3 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

Requirement 3 —Complete 2 Courses

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV307 Roman History - Roman History 3.0

Requirement 4 —Complete 1 of 2 Options

Note: Latin 101, 102, 111 may be waived with equivalent language experience.

Option 4.1 —Complete 2 Courses

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

Option 4.2 —Complete 1 Course

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

Requirement 5 —Complete 6 Courses

Note: The Latin 302 course is the prerequisite for all 400-level prose courses and the Latin 301 course is the prerequisite for all 400-level poetry courses. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and the instructor of the 400-level course concerned.

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 6 —Complete 1 Requirement

Requirement 6.1 —Complete 12 hours

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

HIST430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

LATIN411R Latin Vulgate & Christian Text - Latin Vulgate & Christian Text - *You may take once* 3.0

LATIN430 Livy - Livy 3.0

LATIN431 Vergil - Vergil 3.0

LATIN432 Ovid - Ovid 3.0

LATIN433 Cicero - Cicero 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

LATIN435 Catullus - Catullus 3.0

LATIN436 Imprl Trag & Epic - Imprl Trag & Epic 3.0

LATIN437 Latin Epistle - Latin Epistle 3.0

LATIN438 Horace - Horace 3.0

LATIN439 Tacitus - Tacitus 3.0

LATIN440 Roman Satire - Roman Satire 3.0

LATIN441 Medieval Latin - Medieval Latin 3.0

LATIN490R Topcs Latin Liter - Topcs Latin Liter - *You may take once* 0.5v

Note: Latin 411R and Cl Cv 340R may be taken only once each.

Classical Studies (BA): Classics Emphasis

Program Information

Minimum Credit Hours
61

Maximum Credit Hours
64

Major Academic Plan
MAPS - BA in Classical Studies - Classics 2026-2027.docx

Learning Outcomes

Title
Mechanics of the Greek and Latin languages

Learning Outcome
With minimal and informed recourse to dictionaries, grammars, commentaries, and other translation aids, students will be able to read and comprehend the prose and poetry of Classical Greek and Latin authors. For example, they will be able to read and comprehend the writings of Caesar, Xenophon, Cicero, Plato, Homer, Vergil, and other Greek and Latin authors of comparable difficulty. Students will be able to compose Greek and/or Latin sentences and paragraphs in imitation of the style of Classical Greek and Latin masters.

Title
Interpretation and analysis of Greek and Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts.

Title
Understanding and contextualizing Classical cultures

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from the Mycenaean civilization through the Hellenistic Age, and of Rome from the Regal Period to the decline of the Empire.

Program Requirements
Emphasizes Greek and Latin literature and language, with some work in Classical Civilization.

It is strongly recommended that StDev 317 be taken at the end of the sophomore year or the beginning of the junior year. Because liberal arts degrees provide preparation in a variety of useful fields rather than a single career track, this course is recommended to help liberal arts students focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development. Students will learn basic employment strategies, including the steps necessary for obtaining employment related to their own specialty.

Requirement 1 — Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 — Complete 1 of 3 Courses

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

Requirement 3 — Complete 5 Courses

Greek courses (note: Greek 101, 102 may be waived with equivalent language experience):

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

Requirement 4 — Complete 1 of 2 Options

Latin courses (note: Latin 101, 102 or 111 may be waived with equivalent language experience):

Option 4.1 — Complete 2 Courses

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

Option 4.2 — Complete 1 Course

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

Requirement 5 — Complete 3 Courses

LATIN201 Intermediate Latin - Intermediate Latin 4.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

In both languages the 302 course is the prerequisite for all 400-level prose courses in the same language and the 301 course is the prerequisite for all 400-level poetry courses in the same language. Concurrent enrollment will be permitted only in rare and special cases and must have the approval both of the classics section head and of the instructor of the 400-level course concerned.

Requirement 6 — Complete 1 of 2 Courses

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

IHum 311: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 7 — Complete 4 Courses

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

Requirement 8 — Complete 1 of 2 Courses

GREEK401 Greek Prose Composition - Greek Prose Composition 3.0

LATIN401 Latin Prose Composition - Latin Prose Composition 3.0

Requirement 9 — Complete 9 hours

Complete three additional courses (at least one Greek and one Latin) from the following:

Option 9.1 — Complete up to 9 hours

GREEK from: 400 to: 599

LATIN from: 400 to: 599

Option 9.2 — Complete up to 9 hours

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take up to 6.0 credit hours* 3.0

HIST430R Topics: Ancient Greek History- Topics: Ancient Greek History - *You may take up to 6.0 credit hours* 3.0

Note: Greek 411R, Latin 411R, and Cl Cv 340R may be counted only once each toward major requirements.

Classical Studies (BA): Classical Civilizations Emphasis

Program Information

Minimum Credit Hours
37

Maximum Credit Hours
40

Major Academic Plan
MAPS - BA in Classical Studies - Classical Civilization 2026-2027.docx

Learning Outcomes

Title
Mechanics of the Greek or Latin language

Learning Outcome
Students are required to take one year of either Latin or Greek, and while they may continue on with their language study, they are required to have only an introductory experience. Students will, however, will engage ancient authors in translatin.

Title
Interpretation and analysis of Greek or Latin texts

Learning Outcome
Students will demonstrate their ability to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly express original interpretations of these texts. We don't yet have data to support conclusions about this program outcome (2023)

Title
Understanding and contextualizing Classical cultures

Learning Outcome
Students will demonstrate a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece from the Mycenaean civilization through the Hellenistic Age, and of Rome from the Regal Period to the decline of the Empire. We don't yet have data to support conclusions about this program outcome.

Program Requirements

Requirement 1 — Complete 1 Course

HCOLL310 Humanities & Professional Life - Humanities & Professional Life 1.0

Requirement 2 — Complete 14 hours

Option 2.1 — Complete 6 hours

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV201 Classical Tradition 1 - Classical Tradition 1 3.0

CL CV202 Classical Tradition 2 - Classical Tradition 2 3.0

Option 2.2 — Complete up to 8 hours

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

LATIN101 1st-Year Latin - 1st-Year Latin 4.0

LATIN102 1st-Year Latin - 1st-Year Latin 4.0

LATIN111 Beginning Latin Accelerated - Beginning Latin Accelerated 5.0

Note: Greek 101, 102 and Latin 101, 102, 111 may be waived with equivalent language experience.

IHUM311 Adv Wrtg in Comp Arts & Hum: Advanced Writing in Comparative Arts and Humanities is recommended to complete the Advanced Written and Oral Communication GE requirement.

Requirement 3 — Complete 3 Courses

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

Requirement 4 — Complete 2 Courses

CLSCS297 Pro-Seminar - Pro-Seminar 2.0

CLSCS497 Exit Exam - Exit Exam 1.0

Requirement 5 — Complete 5 of 9 Courses

CL CV245 Golden Age of Greece - Golden Age of Greece 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV261 Gk Rom Cv Lit Film - Gk Rom Cv Lit Film 3.0

CL CV310 Classical Archaeology - Classical Archaeology 3.0

CL CV340R Topics in Classical Lit & Civ - Topics in Classical Lit & Civ - *You may take once* 3.0

CL CV355 Clscs & Engl Trad - Clscs & Engl Trad 3.0

CLSCS420 Ancient Literary Criticism - Ancient Literary Criticism 3.0

CLSCS430R Topics: Ancient Greek History - Topics: Ancient Greek History - *You may take once* 3.0

CLSCS490R Seminar in Classical Lit - Seminar in Classical Lit - *You may take once* 3.0

Linguistics (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Learning Outcomes

Title
Language Structure

Learning Outcome
Demonstrate foundational knowledge of language structure, analytical techniques of linguistics, and linguistic theory in core areas of linguistics.

Program Requirements

Requirement 1 — Complete 1 Course

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

Requirement 2 — Complete 2 of 4 Courses

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

Requirement 3 — Complete 6 hours

Complete 6 hours of electives from other Linguistics course work.

ELING366 Soc. Media/Mrkt. Analysis- Soc. Media/Mrkt. Analysis 3.0

LING110 Introduction to Human Language - Introduction to Human Language 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

LING310 Phonetics - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

LING361 Speech Processing - Speech Processing 3.0

LING377R Basic Training in TESOL - Basic Training in TESOL - *You may take once* 0.5v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

LING421R Studies in Linguistics - Studies in Linguistics - *You may take once* 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING449R Mentored Research - Mentored Research - *You may take once* 1.0v

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING460 Typology - Typology 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

LING478 Language Tchg Methods: MTC - Language Tchg Methods: MTC 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING495R Senior Capstone - Senior Capstone - *You may take once* 3.0

LING498 Career Prep--Ling, ELING, E&P - Career Prep for Ling&ELang Maj 1.0

Digital Humanities and Technology (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Communication

Learning Outcome
Our graduates engage with the consumption and production of digital scholarship, meaning knowledge production about digital content, tools, etc., or the publishing of such work in a digital medium. They work critically and strategically in service of their users and audience, selecting appropriate tools and media to meet their needs (including adaptive and accessible technologies). Further, our graduates follow design thinking methods to communicate and solve problems, spiritually strengthening themselves and others. They demonstrate Christlike awareness of self and others (empathizing), draft solutions (defining, ideating, and prototyping), and seek and appreciate feedback (testing) before fully developing a final product (iterating).

Title
Information Literacy

Learning Outcome
Our graduates will "locate credible information, identify patterns, and narrate their connections to relevant contexts" (Humanities Competencies, pt 2). They learn to translate humanities content and ideas into formats that are suitable for data analysis. Working line upon line, they engage in algorithmic thinking, which is the mindset to simplify complex problems into smaller tasks (Alma 37:6), order those tasks into a series of logical steps, and then complete each task. Graduates will discern which problems are susceptible to this mode of thought and will effectively present data-oriented work to others who may not have the same perspective or experience. Not only can these skills open the door to future employment and research opportunities, they also contribute to students' ability to consume information with a more discerning eye.

Title
Character Building

Learning Outcome
BYU "seeks to educate students who are renowned for what they are as well as for what they know" ("Aims"). To this end, students completing the DigHT minor will have developed their character by completing assignments that require iterative learning and practice. Moreover, they will frequently complete these assignments in groups, providing them with the opportunity to celebrate and confront both their own strengths and weaknesses and those of their peers. The humility and resilience our students develop while doing hard things prepares them to see everyone as a child of God and to continue learning throughout their lives.

Program Requirements

Requirement 1 — Complete 1 Course

DIGHT215 Intro to Digital Humanities - Intro to Digital Humanities 3.0

Requirement 2 — Complete 12 hours

Option 2.1 — Complete 12 hours

DIGHT210 Programming in Humanities 1 - Programming in Humanities 1 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

DIGHT310 Programming in Humanities 2 - Programming in Humanities 2 3.0

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT330 Intermediate Print Publishing - Intermediate Print Publishing 3.0

DIGHT340 JavaScript Development - JavaScript Development 3.0

DIGHT350 Web Information Technologies - Web Information Technologies 3.0

DIGHT360 Text Processing and Analysis - Text Processing and Analysis 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT395R Digital Hum Research Seminar - Digital Hum Research Seminar - *You may take once* 1.0v

Up to 6 credits of technology-intensive coursework from other departments may be counted towards this requirement with the approval of the DigHT program coordinator.

Requirement 3 — Complete 3 hours

Complete 3 credit hours of capstone courses. (Note: A project/internship/ capstone course in the student's major involving substantial computer work may also be used. See the DigHT coordinator for details.)

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take up to 3.0 credit hours* 1.0v

DIGHT496R Technology Internship - Technology Internship - *You may take up to 3.0 credit hours* 1.0v

Translation and Localization (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
22

Program Requirements

Requirement 1 — Complete 1 Course

PLANG270 Intro to the Language industry - Intro to the Language industry 1.0

Requirement 2 — Complete 1 of 4 Courses

FREN414 French Translation - French Translation 3.0

PLANG414 Intro to Translation - Intro to Translation 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

Requirement 3 — Complete 1 Course

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

Requirement 4 — Complete 1 of 2 Courses

PLANG460 Software Localization - Software Localization 3.0

PLANG470 Web Localization - Web Localization 3.0

Requirement 5 — Complete 1 of 4 Courses

NOTE: Course taken in Requirement 4 cannot double count for Requirement 5

PLANG460 Software Localization - Software Localization 3.0

PLANG470 Web Localization - Web Localization 3.0

PLANG480 Adv Sys & AI in Translation - Adv Compu-Assistd Translation 3.0

PLANG540 Prof Lang: Project Mgmt - Prof Lang: Project Mgmt 3.0

Requirement 6 — Complete 1 Course

PLANG399R Translation Localizatn Intern - Translation Localizatn Intern - *You may take once* 0.5v

Computational Linguistics (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Technical Skills

Learning Outcome
Be proficient in the use of technical tools in support of the analysis of language, and be able to work in a team to produce and use those tools.

Title
Artifacts Creation

Learning Outcome
Produce linguistic artifacts (e.g. grammars, lexicons, corpora, portfolios, computer systems, experiments) that draw on knowledge of technical tools in linguistics.

Title
Effective Communication

Learning Outcome
Effectively communicate about technical tools in writing and speaking, including documenting tools produced, describing findings of linguistic analyses and explaining tools or software used in analyses.

Title
Adaptability Skills

Learning Outcome
Develop the ability to learn new skills and techniques quickly, and manage and organize time and attention in a productive manner.

Program Requirements

Note: A maximum of 9 credit hours may double count between the Linguistics BA and the Linguistic Computing minor.

Requirement 1 — Complete 1 of 2 Courses

ELING223 Intro to English Language - Intro to English Language 3.0

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

Requirement 2 — Complete 1 of 2 Courses

Note: With permission from minor advisor, this requirement can be fulfilled with additional class from those listed in Requirement 5 for those with prior programming experience.

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

DIGHT210 Programming in Humanities 1 - Programming in the Humanities 1 3.0

Requirement 3 — Complete 1 of 3 Courses

ELING273 Intro to ELing Resrch Mthds - Introduction to English Linguistic Research Methods 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

Requirement 4 — Complete 1 of 2 Courses

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

DIGHT360 Text Processing and Analysis - Text Processing and Analysis 3.0

Requirement 5 — Complete 2 of 8 Courses

C S471 Voice Interfaces - Voice Interfaces 3.0

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

LING 361 - Speech Processing 3.0

LING 440 - Linguistic Tools 2 3.0

LING 480 - Problems in Translation 3.0

LING 485 - Corpus Linguistics 3.0

LING 581 - Natural Lang Processing 3.0

LING 589R - Corpus Linguistics Topics - *You may take once* 3.0

Other courses in Digital Humanities, Computer Science, Linguistics or other departments that deal with computational linguistics approved by minor advisor.

*Ling 480 and 589R must be approved by minor advisor. *Ling 485 may not count for Requirement 5 if used to fulfill Requirement 3.*

Either Ling 360 or DigHT 360, but not both, can be counted towards the fulfillment of Requirement 3.

For more information, interested students are encouraged to contact the advisor for the minor program: Earl Brown, 4052 JFSB, 801-422-3970, earl_brown@byu.edu.

Editing (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
21

Learning Outcomes

Title
English Language Use and Structure

Learning Outcome
Analyze the structure and use of the English language to identify appropriate usage and style in specific contexts and assess the effectiveness of traditional usage rules and style guidelines.

Title
Copyediting and Substantive Editing

Learning Outcome
Optimize clarity and effectiveness of sentences, paragraphs, and longer texts by applying principles of effective usage, style, and organization to real-world examples of draft text.

Title
Specialized Editing

Learning Outcome
Demonstrate specialized skills and the perspective required by at least one specific editing genre (such as magazine publishing, technical communication, book publishing, scholarly publishing, or freelance publishing.

Title
Publishing Industry and Processes

Learning Outcome
Use tools and processes that are part of the publishing business, such as software for, methods of, and ethical procedures relating to graphic design, printing technology, and income and expense management, and understand how these tools, methods, and ethical procedures have evolved over the history of publishing.

Program Requirements

Requirement 1 — Complete 1 of 2 Courses

ELING223 Intro to English Language - Intro to English Language 3.0

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

Requirement 2 — Complete 6 Courses

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take up to 3.0 credit hours* 3.0

Linguistics (BA)

Program Information

Minimum Credit Hours
53

Maximum Credit Hours
53

Major Academic Plan
MAPS - BA in Linguistics 2026-2027.docx

Learning Outcomes

Title
Language Structure

Learning Outcome
Demonstrate knowledge of language structure, analytical techniques of linguistics, and linguistic theory in core and applied areas of linguistics.

Title
Linguistic Artifacts

Learning Outcome
Be able to produce linguistic artifacts (e.g. analyses of grammars, grammatical subsystems, lexicons, computer programs, building corpora with digital tools, experiments) that draw on knowledge of core and applied areas of linguistics and linguistic theories.

Title
Effective Communication

Learning Outcome
Be able to effectively communicate findings of linguistic analyses or research in writing and speaking.

Program Requirements

Requirement 1 — Complete 1 Course

Professionalization course:

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

Requirement 2 —Complete 1 Course

Complete the following prerequisite course:

LING201 Intro to Linguistics (Modern) - Intro to Linguistics (Modern) 3.0

Requirement 3 —Complete 4 Courses

Complete the following core courses:

LING210 Sounds of Language - Sounds of Language 3.0

LING220 Structure in Language - Structure in Language 3.0

LING230 Meaning in Language - Meaning in Language 3.0

LING240 Linguistic Tools 1 - Linguistic Tools 1 3.0

Requirement 4 —Complete 2 of 7 Courses

Complete two courses from the following:

ELING362 Discourse Analysis - Discourse Analysis 3.0

LING310 Phonetics - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

Requirement 5 —Complete 1 of 4 Courses

Complete one course from the following:

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language including American Sign Language. (For those wishing for Spanish language proficiency credit, their course work must include Spanish 106, or higher.) The language for this requirement may be the same language used to satisfy the GE Foreign Language option, but note that the GE foreign language option may require more coursework than this requirement for the Linguistics major. For non-native speakers of English, the university TOEFL requirement satisfies this requirement for the Linguistics major. Students intending to pursue graduate studies in linguistics are strongly encouraged to study a non-Indo-European language.

Requirement 7 —Complete 1 Requirement

Requirement 7.1 —Complete 3 of 40 Courses

Complete three courses from the following electives:

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING327 Applied Phonetics -Applied Phonetics 3.0

ELING361 Lang. politics: Policy & Plng - Lang. politics: Policy & Plng 3.0

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING482 Forensic and legal linguistics - Forensic and legal linguistics 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

LING310 Phonetics - Phonetics 3.0

LING315 Phonology - Phonology 3.0

LING320 Morphology - Morphology 3.0

LING325 Syntax - Syntax 3.0

LING332 Semantics - Semantics 3.0

LING335 Pragmatics - Pragmatics 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

ELING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

LING421R Studies in Linguistics - Studies in Linguistics - *You may take once* 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING449R Mentored Research - Mentored Research - *You may take once* 1.0v

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING460 Typology - Typology 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING542 Field Methods in Linguistics - Field Methods in Linguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

LING561 Neurolinguistics - Neurolinguistics 3.0

LING580R Prob Ling&App Ling - Prob Ling&App Ling - *You may take once* 1.0v

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note 1: Courses taken in requirements 4 and 5 cannot double count for requirement 7.

Note 2: Only three hours of credit earned as part of a department-approved internship (LING 399R) may be applied to requirement 7.

Note 3: Subject to approval by the Linguistics Area Coordinator, students may take up to two courses (6 hours total) taught outside of the department to satisfy requirement 7. These courses should have substantial linguistic content.

Requirement 8 —Complete 1 Course

Complete the following capstone course:

LING495R Senior Capstone - Senior Capstone - *You may take once* 3.0

T E S O L (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
English Language Fundamentals

Learning Outcome
Students will demonstrate a foundational knowledge of the English language systems of phonology, morphology, grammar, semantics, and pragmatics and how these systems are integral to the language learning competencies of listening, speaking, reading, writing, vocabulary, pronunciation, and grammar.

Title
Instructional Competence

Learning Outcome
With a foundational knowledge of the English language systems and language learning competences, students will demonstrate fundamental competence in lesson planning, teaching strategies, and language testing when teaching English as a second or foreign language.

Program Requirements

Requirement 1 — Complete 1 Course

Complete the prerequisite course:

ELING223 Intro to English Language - Intro to English Language 3.0

Requirement 2 — Complete 3 Courses

Complete the following foundation courses:

ELING325 Grammar of English - Grammar of English 3.0

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

Requirement 3 — Complete 2 Courses

Complete the following courses:

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

Applied English Linguistics (BA)

Program Information

Minimum Credit Hours
48

Maximum Credit Hours
60

Major Academic Plan

MAPS - BA in Applied English Linguistics 2026-2027.docx

Learning Outcomes

Title
Linguistic Structures

Learning Outcome
Understand and analyze (1) the levels of linguistics (phonetics, phonology, morphology, syntax, semantics, pragmatics, discourse) of contemporary and historical varieties of English and (2) the factors that influence language variation and change.

Title
Linguistic Methods

Learning Outcome
Apply appropriate linguistic theory, methods, and tools to seek truth by comprehending, conducting, and communicating linguistic research, using ethical practices.

Title
Application of Linguistics

Learning Outcome
Apply empirical and descriptive methods to solve problems or answer questions in professional settings and disciplines outside linguistics, leading to lifelong learning and service.

Title
Divinity of Language

Learning Outcome
Develop empathy for the diverse languages, peoples, and cultures of the world-as well as an appreciation of language as God's creation-in order to recognize the role of language in the fulfillment of God's plan.

Program Requirements

It is strongly recommended that Ling 198, a 2-credit-hour course, be taken early in a student's major. This course is recommended to help Applied English Linguistics majors focus on specific educational and occupational goals and to identify the career options or educational opportunities available to them. The course will introduce them to the resources needed for accessing information about graduate schools, internships, careers, and career development.

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 2 Courses

ELING223 Intro to English Language - Intro to English Language 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

Option 1.2 — Complete 2 Courses

ELING223 Intro to English Language - Intro to English Language 3.0

PLANG270 Intro to the Language industry - Intro to the Language industry 1.0

Requirement 2 — Complete 6 Courses

Core courses:

ELING273 Intro to ELing Resrch Mthds - Intro to ELing Resrch Mthds 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

ELING326 English Semantics & Pragmatics - English Semantics & Pragmatics 3.0

ELING327 Applied Phonetics - Applied Phonetics 3.0

ELING495R The Senior Course - The Senior Course - *You may take once* 3.0

Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language, including American Sign Language. (This requirement varies for Spanish. See the Humanities College Advisement Center.) The language for this requirement may be the same language used to satisfy the GE Foreign Language option, but note that the GE Foreign Language option may require more coursework than this requirement from the Applied English Linguistics major. For non-native speakers of English, the university TOEFL requirement satisfies this requirement for the Applied English Linguistics major. A language relevant to the historical development of English is strongly recommended, namely Latin, French, German, or Classical Greek.

Requirement 4 — Complete 6 hours

Courses NOT chosen to complete requirement 4 may be used to complete requirement 5.

ELING362 Discourse Analysis - Discourse Analysis 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

PLANG414 Intro to Translation - Intro to Translation 3.0

Requirement 5 — Complete 1 of 4 Options

Primary Track: Within one option, complete 12 hours in courses not chosen for requirement 4 or 6.

Option 5.1 — Complete 12 hours

Linguistic Computing (recommended: LING 360 plus three other courses).

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take once* 1.0v

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note: See minor advisor to discuss how to obtain a LINGC minor: inguistics.byu.edu/department-advisors; note that up to 9 credit hours from the ELING major can also be counted toward the LINGC minor.

Option 5.2 — Complete 12 hours

TESOL/Language Acquisition

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

Note: See minor advisor to discuss how to obtain a TESOL minor or TESOL certificate: linguistics.byu.edu/department-advisors; note that TESOL minors are encouraged to declare during their junior year and that up 12 credit hours from the ELING major can be counted toward the TESOL minor.

Option 5.3 — Complete 12 hours

Language in Society

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING361 Lang. politics: Policy & Plng - Lang. politics: Policy & Plng 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING482 Forensic and legal linguistics - Forensic and legal linguistics 3.0

ELING522 Language Policy & Planning - Language Policy & Planning 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

Option 5.4 — Complete 12 hours

Language in History

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

Option 5.5 — Complete 12 hours

Translation and Localization

Option 5.5.1 — Complete 2 Courses

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

PLANG414 Intro to Translation - Intro to Translation 3.0

Option 5.5.2 — Complete 2 of 5 Courses

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

PLANG460 Software Localization - Software Localization 3.0

PLANG480 Adv Sys & AI in Translation - Adv Sys & AI in Translation 3.0

PLANG540 Prof Lang: Project Mgmt - Prof Lang: Project Mgmt 3.0

Note: See minor advisor to discuss how to obtain a Translation and Localization (T&L) minor: https://cls.byu.edu/translation-and-localization-t-l; note that up to 12 credit hours from the ELING major can also be counted toward the T&L; in addition to those 12 credit hour, PLANG 399R can also count for both the ELING major and T&L minor.

Requirement 6 — Complete 1 of 4 Options

Secondary Track: Within one option, complete 6 hours in courses not chosen for requirement 4 or requirement 5. Secondary track must be different from primary track used for requirement 5.

Option 6.1 — Complete 6 hours

Linguistic Computing (recommended: LING 360 plus three other courses).

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

DIGHT390R Tools Development Seminar - Tools Development Seminar - *You may take once* 1.0v

DIGHT495R Digital Humanities Project - Digital Humanities Project - *You may take once* 1.0v

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING361 Speech Processing - Speech Processing 3.0

LING440 Linguistic Tools 2 - Linguistic Tools 2 3.0

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

Note: See minor advisor to discuss how to obtain a LINGC minor: inguistics.byu.edu/department-advisors; note that up to 9 credit hours from the ELING major can also be counted toward the LINGC minor.

Option 6.2 — Complete 6 hours

TESOL/Language Acquisition

ELING375 TESOL Listening, Speaking - TESOL Listening, Speaking 3.0

ELING376 TESOL Read, Write, Vocab - TESOL Read, Write, Vocab 3.0

ELING477 TESOL Course & Lesson Planning - TESOL Course & Lesson Planning 3.0

ELING478 TESOL Practicum - TESOL Practicum 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

Note: See minor advisor to discuss how to obtain a TESOL minor or TESOL certificate: linguistics.byu.edu/department-advisors; note that TESOL minors are encouraged to declare during their junior year and that up 12 credit hours from the ELING major can be counted toward the TESOL minor.

Option 6.3 — Complete 6 hours

Language in Society

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING361 Lang. politics: Policy & Plng - Lang. politics: Policy & Plng 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING482 Forensic and legal linguistics - Forensic and legal linguistics 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

Option 6.4 — Complete 6 hours

Language in History

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

Option 6.5 — Complete 6 hours

Translation and Localization

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

PLANG414 Intro to Translation - Intro to Translation 3.0

Note: See minor advisor to discuss how to obtain a Translation and Localization (T&L) minor: https://cls.byu.edu/translation-and-localization-t-l; note that up to 12 credit hours from the ELING major can also be counted toward the T&L; in addition to those 12 credit hour, PLANG 399R can also count for both the ELING major and T&L minor.

Requirement 7 — Complete 1 hour

Experiential Learning

ELING351R Editing Student Journals - Editing Student Journals - *You may take once* 1.0v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

LING449R Mentored Research - Mentored Research - *You may take once* 1.0v

PLANG399R Translation Localizatn Intern - Translation Localizatn Intern - *You may take once* 0.5v

For more information, including an FAQ regarding double-counting courses between this major and the Linguistic Computing, TESOL, or Translation and Localization minors, visit ling.byu.edu/applied-english-linguistics-ba.

Editing and Publishing (BA)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
67

Major Academic Plan
MAPS - BA in Editing and Publishing 2026-2027.docx

Learning Outcomes

Title
Language Use and Structure

Learning Outcome
Analyze and research the structure and use of language to identify appropriate usage and style in specific contexts and assess the effectiveness of traditional usage rules and style guidelines. Be able to write effectively and speak clearly to communicate language analysis, research, and editing decisions to authors, editors, and others. Cultivate an appreciation for the divine gift of language and its history and development, and hone an attention to detail that will serve in editing and publishing careers and in temporal and spiritual life.

Title
Copyediting and Substantive Editing

Learning Outcome
Enhance clarity and effectiveness of sentences, paragraphs, and longer texts for readers by applying research-based principles of effective usage, style, and organization to written text. Develop and refine the skill of careful reading and analysis and the ability to learn about new subjects in order to produce edits that will contribute to an accurate and effective text while deepening knowledge of and perspective on the world. Strengthen Christlike characteristics such as patience, compassion, and understanding while providing honest and constructive feedback and helping writers find and refine their voice within stylistic bounds.

Title
Specialized Editing

Learning Outcome
Demonstrate specialized skills and the perspective required by at least one editing genre (such as magazine publishing, technical communication, book publishing, scholarly publishing, or freelance publishing) to meet the needs of a specific purpose, audience, and context. Understand how specialized skills can be connected to competencies that apply across multiple genres, gaining the confidence to expand the skills into lifelong learning and service in a variety of contexts.

Title
Publishing Industry and Processes

Learning Outcome
Use and appreciate the tools, historical traditions, and processes that are part of the publishing business, such as software for, methods of, and ethical procedures relating to graphic design, teamwork, printing technology, project management, and income and expense management, and understand how these tools, methods, and ethical procedures can be used to benefit the world.

Program Requirements

Requirement 1 — Complete 6 Courses

Foundations:

ELING223 Intro to English Language - Intro to English Language 3.0

ELING273 Intro to ELing Resrch Mthds - Intro to ELing Resrch Mthds 3.0

ELING322 Prescriptivism & English Usage - Prescriptivism & English Usage 3.0

ELING324 Hist of the English Language - Hist of the English Language 3.0

ELING325 Grammar of English - Grammar of English 3.0

LING198 Career Explorations in Ling. - Career Explorations in Ling. 2.0

Requirement 2 — Complete 4 Courses

Core Courses:

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

ELING350 Basic Editing Skills - Basic Editing Skills 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once for requirement 2, a second semester may be taken for requirement 5* 3.0

ELING430R Editing for Publication - Editing for Publication - *You may take once for requirement 2, a second semester may be taken for requirement 5* 3.0

Requirement 3 — Complete 1 of 4 Courses

Perspectives on Context:

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

Requirement 4 — Obtain confirmation from your advisement center that you have completed the following:

Foreign Language Requirement:

Complete university course work (or the equivalent) to a 200-level or higher in any single foreign language including American Sign Language. The language for this requirement may be the same language used to satisfy the GE Foreign Language option. Editing students may waive this language requirement by completing a university-approved minor that includes complex professional discourse modes, such as STEM fields, business, psychology, social sciences, English literature, or rhetoric.

Requirement 5 — Complete 9 hours

Text Analysis Breadth:

ELING326 English Semantics & Pragmatics - English Semantics & Pragmatics 3.0

ELING361 Lang. politics: Policy & Plng - Lang. politics: Policy & Plng 3.0

ELING362 Discourse Analysis - Discourse Analysis 3.0

ELING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

ELING410R Genre & Substantive Editing - Genre & Substantive Editing - *You may take once for requirement 5, a second semester may be taken for requirement 2* 3.0

ELING421R Stds Lang/Editing - Stds Lang/Editing - *You may take once* 1.0v

ELING430R Editing for Publication - Editing for Publication - *You may take once for requirement 5, a second semester may be taken for requirement 2* 3.0

ELING447 Early Modern English - Early Modern English 3.0

ELING448 Late Modern English - Late Modern English 3.0

ELING468 Intro to Varieties of English - Intro to Varieties of English 3.0

ELING482 Forensic and legal linguistics - Forensic and legal linguistics 3.0

ELING524 Hist of the Book - Hist of the Book 3.0

ELING525 Old English 1 - Old English 1 3.0

ELING526 Middle English - Middle English 3.0

ELING529 Structure of Modern English - Structure of Modern English 3.0

ELING535 Language & Literature - Language & Literature 3.0

ELING548 Old English 2 - Old English 2 3.0

LING360 Text Processing and Analysis - Text Processing and Analysis 3.0

LING445 Intro to Psycholinguistics - Intro to Psycholinguistics 3.0

LING450 Intro Histor-Comparative Ling - Intro Histor-Comparative Ling 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

LING461 First Language Acquisition - First Language Acquisition 3.0

LING462 Second Language Acquisition - Second Language Acquisition 3.0

LING449R Mentored Research - Mentored Research - *You may take once* 1.0v

LING480 Problems in Translation - Problems in Translation 3.0

LING485 Corpus Linguistics - Corpus Linguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

Note: Course chosen to satisfy requirements 1, 2, and 3 cannot double-count in requirement 5, with the exception of a second topic in ELING 430R.

Requirement 6 — Complete 1 of 5 Courses

Professional Tools:

DIGHT250 Web Publishing - Web Publishing 3.0

DIGHT260 Tools for Text Processing - Tools for Text Processing 3.0

DIGHT330 Intermediate Print Publishing - Intermediate Print Publishing 3.0

ELING366 Soc. Media/Mrkt. Analysis - Soc. Media/Mrkt. Analysis 3.0

DIGHT315 Research in the Digital Hum - Research in the Digital Hum 3.0

ELING415 Business of Editing/Publishing - Business of Editing/Publishing 3.0

Requirement 7 — Complete 1 hour

ELING351R Editing Student Journals - Editing Student Journals - *You may take once* 1.0v

LING399R Academic Internship: Ling - Academic Internship: Ling - *You may take once* 0.5v

Other options for Experiential Learning include 42 hours worked as a teaching/ research assistant, or completion of a study-abroad experience.

Requirement 8 — Complete 1 Course

ELING495R The Senior Course - The Senior Course - *You may take once* 3.0

Logic (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Learning Outcomes

Title
Logic and Metalogic

Learning Outcome
1. Construct, symbolize, and evaluate proofs in syllogistic logic, truth-functional logic, first-order (quantificational) logic, set-theory and Peano arithmetic. 2. Understand the development of logic, including metalogical results.

Program Requirements

Requirement 1 — Complete 1 of 2 Courses

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

Requirement 2 — Complete 2 Courses

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

Requirement 3 — Complete 1 of 4 Courses

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

Requirement 4 — Complete 3 hours

PHIL110 Introduction to Philosophy - Introduction to Philosophy 3.0

PHIL120 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL140 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Intro Philosophy of Religion - Intro Philosophy of Religion - *You may take once* 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

PHIL220 Intro to Theoretical Phil - Intro to Theoretical Phil 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - *You may take once* 1.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL495R Directed Readings - Directed Readings - *You may take once* 1.0v

PHIL501R Graduate Seminar - Graduate Seminar - *You may take once* 0.5v

No more than 6 hours may double-count for the philosophy major and the logic minor.

Philosophy (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
History and Value of Philosophy

Learning Outcome
1. Identify major philosophical figures and texts, their historical context, their philosophical interrelations, and their importance. 2. Identify the major areas, movements, and issues in the history of Western philosophy.

Title
Critical and Effective Reading, Writing, and Communicating

Learning Outcome
1. Write clear, cogent, logically sound, and well-researched essays. 2. Master and apply principles of informal logic, critical thinking, and critical reading. 3. Master university-level written and oral communication skills.

Title
Logic and Metalogic

Learning Outcome
1. Construct, symbolize, and evaluate proofs in syllogistic logic, truth-functional logic, first-order (quantificational) logic, set-theory and Peano arithmetic. 2. Understand the development of logic, including metalogical results.

Program Requirements

Requirement 1 — Complete 3 Courses

PHIL201 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL202 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

Requirement 2 — Complete 1 of 5 Courses

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Sin and Atonement - Sin and Atonement - *You may take once* 3.0

PHIL217R Contemp Political Philosophy - Contemp Political Philosophy - *You may take once* 3.0

PHIL220 Intro to Theoretical Phil - Intro to Theoretical Phil 3.0

Requirement 3 — Complete 3 hours

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Non-Western Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

Requirement 4 — Complete 3 hours

Phil 110 may fulfill this requirement only if it is the first philosophy class a student completes. See the advisement center for assistance.

PHIL210 Science & Civilization 1 - Science & Civilization 1 3.0

PHIL211 Science & Civilization 2 - Science & Civilization 2 3.0

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Intro Philosophy of Religion - Intro Philosophy of Religion - *You may take once* 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - *You may take up to 3.0 credit hours* 1.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL495R Directed Readings - Directed Readings - *You may take once* 1.0v

PHIL501R Graduate Seminar - Graduate Seminar - *You may take once* 0.5v

Note: Philosophy majors are prohibited from adding the Philosophy minor (although they may earn the Logic minor or the Theoretical and Applied Ethics minor).

Theoretical and Applied Ethics (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Learning Outcomes

Title
History and Value of Philosophy

Learning Outcome
1. Identify major figures and texts in moral and political philosophy their historical context their philosophical interrelations and their importance. 2. Identify the major areas movements and issues in the history of Western moral and political philosophy.

Title
Philosophical and Ethical Applications

Learning Outcome
1. Apply philosophical knowledge and critical thinking/reading skills in writing papers and solving theoretical, practical, and ethical problems. 2. Integrate philosophical principles with religious and moral convictions.

Title
Critical and Effective Reading, Writing, and Communicating

Learning Outcome
1. Write clear, cogent, logically sound, and well-researched essays. 2. Master and apply principles of informal logic, critical thinking, and critical reading. 3. Master university-level written and oral communication skills.

Program Requirements

Requirement 1 — Complete 1 Course

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

Requirement 2 — Complete 4 of 10 Courses

From the following, complete 4 courses in ethics, social and political philosophy, or history of philosophy with an emphasis on ethics:

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL217R Contemp Political Philosophy - Contemp Political Philosophy - *You may take once* 3.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Note 1: No more than six credit hours may double-count for both the Philosophy major and the Theoretical and Applied Ethics minor.

Note 2: One approved 2 or 3 credit course in ethics from another department may substitute for any single course listed in the electives list above. (The Philosophy Department maintains a list of ethics courses offered by other BYU departments.)

Philosophy (BA)

Program Information

Minimum Credit Hours
47

Maximum Credit Hours
47

Major Academic Plan
MAPS - BA in Philosophy 2026-2027.docx

Learning Outcomes

Title
History and Value of Philosophy

Learning Outcome
Students will be able to identify major philosophical figures, texts, and movements, and understand their historical context, their philosophical interrelations, and their importance.

Title
Critical and Effective Reading, Writing, and Communicating

Learning Outcome
Students will be able to read and think critically about philosophical texts; write clear, logically sound, and well-researched essays; and effectively discuss and present philosophical topics.

Title
Logic and Metalogic

Learning Outcome
Students will be able to construct, symbolize, and evaluate proofs in syllogistic logic, truth-functional logic, first-order (quantificational) logic, set-theory and Peano arithmetic; and understand relevant metalogical results.

Title
Philosophical and Ethical Applications

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems, and to integrate philosophical principles with religious and moral convictions.

Title
Career Preparation

Learning Outcome
Students will be prepared for further education and employment using their philosophical skills and knowledge.

Title
Philosophy and the Aims of a BYU Education

Learning Outcome
Students understand foundational intellectual and ethical concepts while developing enduring skills of reasoning, reading comprehension, and communication. With this transformational understanding, students can creatively confront personal and public issues of moral and theological import as they pursue a life of Christian faith and virtue.

Program Requirements

For each R course, you may only take one class on any particular figure or topic. For instance, if you wish to take multiple classes of Phil 320R: Studies in Ancient Philosophy, you may only take Plato once, but you may then take Aristotle or Stoicism or any of the other figures or topics listed under Phil 320R.

Requirement 1 —Complete 7 Courses

PHIL120 History of Philosophy 1 - History of Philosophy 1 3.0

PHIL140 History of Philosophy 2 - History of Philosophy 2 3.0

PHIL200 Philosophy Orientation - Philosophy Orientation 1.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

PHIL220 Intro to Theoretical Phil - Intro to Theoretical Phil 3.0

PHIL300 Philosophical Writing - Philosophical Writing 3.0

PHIL305 Intermediate Formal Logic - Intermediate Formal Logic 3.0

Requirement 2 —Complete 1 of 5 Courses

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

Requirement 3 —Complete 1 Course

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

Requirement 4 —Complete 1 Course

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

Requirement 5 —Complete 1 of 7 Courses

Complete one of the following Historical Period courses (excluding the two specific registrations used to complete the above requirements):

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

Requirement 6 —Complete 1 of 2 Courses

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

Requirement 7 —Complete 1 of 4 Courses

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

Requirement 8 —Complete 6 hours

Note: No more than 3 hours of Phil 249R will be allowed. Students must have a total of 27 credit hours of upper-division course work (300-level or above) in the major. Note: Phil 110 may count toward this requirement only if taken before the philosophy major was declared.

PHIL212 Intro to Medical Ethics - Intro to Medical Ethics 3.0

PHIL213 Introduction to Ethics - Introduction to Ethics 3.0

PHIL214 Intro to the Philosophy of Art - Intro to the Philosophy of Art 3.0

PHIL215R Intro Philosophy of Religion - Intro Philosophy of Religion 3.0

PHIL217R Social & Political Philosophy - Social & Political Philosophy - *You may take once* 3.0

PHIL249R Philosophical Lecture Series - Philosophical Lecture Series - - *You may take up to 3.0 credit hours* 1.0

PHIL313R History of Ethics - History of Ethics - *You may take once* 3.0

PHIL320R Studies in Ancient Philosophy - Studies in Ancient Philosophy - *You may take once* 3.0

PHIL330R Studies in Medieval Philosophy - Studies in Medieval Philosophy - *You may take once* 3.0

PHIL340R Studies in Modern Philosophy - Studies in Modern Philosophy - *You may take once* 3.0

PHIL350R Studies in Contemporary Phil - Studies in Contemporary Phil - *You may take once* 3.0

PHIL360R Chinese Philosophy - Non-Western Philosophy - *You may take once* 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

PHIL405 Advanced Logic and Metalogic - Advanced Logic and Metalogic 3.0

PHIL413R Topics in Ethics - Topics in Ethics - *You may take once* 3.0

PHIL414R Philosophy of Art - Philosophy of Art - *You may take once* 3.0

PHIL415 Philosophy of Religion - Philosophy of Religion 3.0

PHIL416 Philosophy of Law - Philosophy of Law 3.0

PHIL420 Philosophy of Language - Philosophy of Language 3.0

PHIL421 Metaphysics - Metaphysics 3.0

PHIL422 Epistemology - Epistemology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHIL424 Philosophy of Mind - Philosophy of Mind 3.0

PHIL450R Advanced Topics in Philosophy - Advanced Topics in Philosophy - *You may take once* 3.0

PHIL495R Directed Readings - Directed Readings - *You may take once* 1.0v

PHIL501R Graduate Seminar - Graduate Seminar - *You may take once* 0.5v

Requirement 9 —Complete 3 hours

PHIL399R Internship - Internship - *You may take up to 9.0 credit hours* 3.0

Requirement 10 —Complete 1 Course

PHIL490 Senior Seminar - Senior Seminar 1.0

Portuguese (Minor)

Program Information

Minimum Credit Hours
18.5

Maximum Credit Hours
34.5

Program Requirements

Students must complete the requirements for a primary major in another field.

Requirement 1 — Complete 6.5 hours

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Requirement 2 — Complete 3 hours

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT395R Contemporary Culture - Contemporary Culture 0.5v

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil 3.0

Requirement 3 — Complete 9 hours

Note 1: Courses used to satisfy the above requirements will not double count. ---

Note 2: Only one of the following classes can count towards the minor: PORT 323A, PORT 323B ---

Note 3: Classes with an R designation change their subject matter every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, PORT 399R can be taken for a maximum of 3 credits.

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PORT421 Advanced Portuguese Grammar - Advanced Portuguese Grammar fo 3.0

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics 3.0

PORT431R African Portuguese Lit - African Portuguese Lit 3.0

PORT435 Cultures of Port. Africa/Asia - Cultures of Port. Africa/Asia 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit 3.0

PORT477R Sec Minor Student Teaching - Sec Minor Student Teaching 4.0

PORT480R Directed Research - Directed Research 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology- Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling 3.0

PORT581R Minicourse in Luso-Braz Lit - Minicourse in Luso-Braz Lit 1.0

PORT582R Minicourse in Portuguese Ling - Minicourse in Portuguese Ling 1.0

PORT583R Minicourse in Port Pedagogy - Minicourse in Port Pedagogy 1.0

Spanish (Minor)

Program Information

Minimum Credit Hours
18.5

Maximum Credit Hours
34.5

Program Requirements

Students must complete the requirements for a primary major in another field.

Requirement 1 — Complete 6.5 hours

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.

Requirement 2 — Complete 3 hours

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

Requirement 3 — Complete 9 hours

Note 1: Courses used to satisfy the above requirements will not double count.

Note 2: Only two of the following classes can count towards the minor: SPAN 323A, SPAN 323B, SPAN 323C

Note 3: Classes with an R designation change their subject matter every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, SPAN399R can be taken for a maximum of 3 credits.

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

SPAN325 Intro to Hispanic Linguistics - Intro to Hispanic Linguistics 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN448R 20th Century Lit - 20th Century Lit 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit 3.0

SPAN452 U.S. Latinx Literature- U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN468 Literary Translation - Literary Translation 3.0

SPAN480R Directed Research - Directed Research 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics 3.0

SPAN581R Minicourse in Hispanic Lit - Minicourse in Hispanic Lit 1.0

SPAN582R Minicourse in Hispanic Ling - Minicourse in Hispanic Ling 1.0

SPAN583R Minicourse in Span Pedagogy - Minicourse in Span Pedagogy 1.0

Spanish Teaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
28.5	46

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Requirement

Requirement 1.1 — Complete 6 Courses

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

SPAN378 Spanish Teaching Methods 2 - Spanish Teaching Methods 2 3.0

Note 1: Because Span 377 is a prerequisite for Span 378, the two courses must be taken sequentially in consecutive semesters. It is recommended that students take these courses during the first and second semesters of their junior year.

Note 2: Span 377 and 378 must be taken before student teaching. Span 377 will be waived for students majoring in another language who have had the course in that language. Students who waive the class will need to take 3 additional elective hours from the 300-, 400-, or 500-level courses in Spanish.

Requirement 2 — Complete 1 of 2 Courses

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

Requirement 3 — Complete 1 of 3 Courses

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

Requirement 4 — Complete 1 Course

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note 1: An ACTFL Oral Proficiency Interview (OPI) and Writing Proficiency Test are taken in connection with Span 491. Before applying to student teach, students must achieve a minimum OPI rating of Advanced Low to obtain Utah state licensure and to graduate.

Note 2: To qualify for Utah licensure, students must also pass the Praxis Student World Language exam at the state-specified cutoff level prior to student teaching. Contact Education Student Services or check their website for more information.

Requirement 5 — Complete 1 Course

SPAN478R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Portuguese Teaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
25.5	47.5

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Course

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

Requirement 2 — Complete 3 Courses

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

Requirement 3 — Complete 1 of 2 Courses

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

Requirement 4 — Complete 1 of 2 Courses

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

Requirement 5 — Complete 1 of 2 Courses

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

Requirement 6 — Complete 1 Course

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note 1: An ACTFL Oral Proficiency Interview (OPI) and Writing Proficiency Test are taken in connection with Port 491. Before applying to student teach, students must achieve a minimum OPI rating of Advanced Low to obtain Utah state licensure and to graduate.

Note 2: To qualify for Utah licensure, students must also pass the BYU Foreign Language Achievement Service (FLATS) test in Portuguese with a score of 85% or higher prior to student teaching. Contact the department for more information.

Requirement 7 — Complete 1 Course

PORT477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Portuguese (BA)

Program Information

Minimum Credit Hours
40.5

Maximum Credit Hours
56.5

Major Academic Plan
MAPS - BA in Portuguese 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish/ Portuguese at the ACTFL Advanced Low level or better.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fairmindedness in professional, personal, and gospel contexts.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements

It is strongly recommended that HCOLL 310, a 1-credit hour course, be taken at the end of the sophomore year or the beginning of the junior year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths. In short, this class will explore what a Humanities graduate can do and why humanistic study meets so many needs in the modern workplace. By focusing on core professional competencies, students will find ways to make their major coursework relevant to life after graduation.

Requirement 1 —Obtain confirmation from your advisement center that you have completed the following:

The Spanish and Portuguese Department requires a minimum of 18 upper-division major credit hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 2 — Complete 7.5 Credit Hours

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

PORT493 Capstone Course in Portuguese - Capstone Course in Portuguese 1.0

Requirement 3 — Complete 3 Credit Hours

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT395R Contemporary Culture - Contemporary Culture 0.5v

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil 3.0

Requirement 4 — Complete 30 Credit Hours

Note 1: Courses used to satisfy the above requirements will not double count.

Note 2: A minimum of 15 Credit Hours must be completed from 400+ courses.

Note 3: Only one of the following classes can count towards the major: PORT 323A/323B

Note 4: Classes with an R designation change their subject matter every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, PORT399R can be taken for a maximum of 3 credits.

Option 4.1 — Complete up to 3 hours

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

Option 4.2 — Complete up to 15 hours

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Option 4.3 — Complete at least 15 hours up to 30 hours

PORT421 Advanced Portuguese Grammar - Advanced Portuguese Grammar fo 3.0

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics 3.0

PORT431R African Portuguese Lit - African Portuguese Lit 3.0

PORT435 Cultures of Port. Africa/Asia - Cultures of Port. Africa/Asia 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit 3.0

PORT480R Directed Research - Directed Research 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling 3.0

PORT581R Minicourse in Luso-Braz Lit - Minicourse in Luso-Braz Lit 1.0

PORT582R Minicourse in Portuguese Ling - Minicourse in Portuguese Ling 1.0

PORT583R Minicourse in Port Pedagogy - Minicourse in Port Pedagogy 1.0

Note: Students are strongly encouraged to participate in a Portuguese language/ culture immersion experience, such as an LDS mission, Study Abroad program, a semester in the Foreign Language Student Residence, or a service-learning course.

Spanish (BA)

Program Information

Minimum Credit Hours
40.5

Maximum Credit Hours
56.5

Major Academic Plan
MAPS - BA in Spanish 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish/ Portuguese at the ACTFL Advanced Low level or better.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fairmindedness in professional, personal, and gospel contexts.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements
It is strongly recommended that HCOLL 310, a 1-credit hour course, be taken at the end of the sophomore year or the beginning of the junior year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths. In short, this class will explore what a Humanities graduate can do and why humanistic study meets so many needs in the modern workplace. By focusing on core professional competencies, students will find ways to make their major coursework relevant to life after graduation.

Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:

The Spanish and Portuguese Department requires a minimum of 18 hours of upper-division major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 2 — Complete 7.5 hours

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

SPAN493 Capstone Course in Spanish - Capstone Course in Spanish 1.0

Requirement 3 — Complete 3 hours

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

Requirement 4 — Complete 30 hours

Note 1: Courses used to satisfy the above requirements will not double count.

Note 2: A minimum of 15 hours must be completed from 400+ courses.

Note 3: Only one of the following classes can count towards the major: Span 323A/323B/323C.

Note 4: Classes with an R designation change their subject matter every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, SPAN 399R can be taken for a maximum of 3 credits.

Option 4.1 — Complete up to 3 hours

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

Option 4.2 — Complete up to 15 hours

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN325 Intro to Hispanic Linguistics - Survey of Hispanic Linguistics 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Option 4.3 — Complete at least 15 hours up to 30 hours

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN448R 20th Century Lit - 20th Century Lit 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit 3.0

SPAN452 U.S. Latinx Literature- U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN468 Literary Translation - Literary Translation 3.0

SPAN480R Directed Research - Directed Research 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguisticse 3.0

SPAN581R Minicourse in Hispanic Lit - Minicourse in Hispanic Lit 1.0

SPAN582R Minicourse in Hispanic Ling - Minicourse in Hispanic Ling 1.0

SPAN583R Minicourse in Span Pedagogy - Minicourse in Span Pedagogy 1.0

Note: Students are strongly encouraged to participate in a Spanish language/ culture immersion experience, such as an LDS mission, Study Abroad program, a semester in the Foreign Language Student Residence, or a service-learning course.

Spanish Teaching (BA) *

Program Information

Minimum Credit Hours
59.5

Maximum Credit Hours
80.5

Major Academic Plan
MAPS - BS in Spanish Teaching 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish at the ACTFL Advanced Low level or better. They model language proficiency for their students, consistently making Spanish the language of their classrooms and connecting students with the community.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fair-mindedness in professional, personal, and gospel contexts.

Title
Five Commitments

Learning Outcome
Our graduates lead the field in 1) creating safe and restorative classrooms, 2) making Spanish language and cultures accessible to all students, 3) engaging students through nurturing pedagogies, 4) committing themselves to skill development and current research in teaching, and 5) interacting with community shareholders.

Title
Utah Effective Teaching Standards

Learning Outcome
Our graduates meet the Utah Effective Teaching Standards (UETS) at the basic competence level and assess their students' learning in loving, Christlike ways.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

A teaching minor in another subject is strongly recommended. Teaching opportunities in public schools may be significantly reduced without a second teaching subject that a teaching minor provides.

Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:

The Spanish and Portuguese Department requires a minimum of 18 upper-division major hours to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 2 —Complete 1 Requirement

Requirement 2.1 —Complete 9 Courses

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN377 Spanish Teaching Methods 1 - Spanish Teaching Methods 1 3.0

SPAN378 Spanish Teaching Methods 2 - Spanish Teaching Methods 2 3.0

SPAN380 Practicum in Teaching Spanish - Practicum in Teaching Spanish 1.0

Note 1: Fingerprinting and FBI clearance must be completed prior to enrolling in Span 380.

Note 2: Span 377 must be completed before taking Span 378.

Note 3: Span 378 and 380 must be taken concurrently the semester immediately before student teaching.

Requirement 3 —Complete 1 of 2 Options

Option 3.1 —Complete 1 Course

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

Option 3.2 —Complete 2 Courses

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

Requirement 4 —Complete 6 Hours

Option 4.1 —Complete at least 3 Hours up to 6 Hours

You may count only one of the following three courses as an elective: SPAN 323A, SPAN 323B, SPAN323C

SPAN325 Intro to Hispanic Linguistics - Intro to Hispanic Linguistics 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling - *You may take once* 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit - *You may take once* 3.0

SPAN444 Don Quijote- Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit - *You may take once* 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain - *You may take once* 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit - *You may take once* 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research - *You may take once* 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

Option 4.2 —Complete up to 3 hours

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

Requirement 5 —Complete 1 Requirement

Professional Education Component:

Licensure Requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 6 —Complete 6 Courses

NOTE: FBI fingerprint and background clearance must be completed before enrollment in FLANG 276.

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

FLANG276 Exploration-Tchg Foreign Lang - Exploration-Tchg Foreign Lang 4.0

IP&T 371 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 7 —Complete 12 hours

Note: Student teachers/interns must complete all required EPP assessments through mYlink in order to be cleared for graduation.

SPAN476 Sec Spanish Student Teaching - Sec Spanish Student Teaching - *You may take up to 12.0 credit hours* 12.0

SPAN496 Sec Spanish Tching Internship - Sec Spanish Tching Internship - *You may take up to 12.0 credit hours* 12.0

Requirement 8 —Complete 1 Course

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note 1: An ACTFL Oral Proficiency Interview (OPI) Writing Proficiency Test and Reading Comprehension Test are taken in connection with Span 491. Before applying to student teach, students must achieve a minimum OPI rating of "Advanced-Low" to obtain Utah state licensure and to graduate.

Note 2: To qualify for Utah licensure, students must also pass the Praxis Spanish World Language exam at the state-specified cutoff level prior to student teaching. Contact Education Student Services or check their website for more information.

Note: Students are strongly encouraged to participate in a Spanish language/ culture immersion experience, such as an LDS mission, Study Abroad program, internship, a semester in the Foreign Language Student Residence, or a service learning course.

Spanish Translation (BA) *

Program Information

Minimum Credit Hours
38.5

Maximum Credit Hours
54.5

Major Academic Plan
MAPS - BS in Spanish Translation 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish at the ACTFL Advanced Low level or better.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fair-mindedness in professional, personal, and gospel contexts.

Title
Professional Translation Skills

Learning Outcome
Our graduates are competent translators who carefully analyze source texts, choose effective translation strategies, and demonstrate attentiveness to intended audiences.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements

It is strongly recommended that HCOLL 310, a 1-credit-hour course, be taken at the end of the sophomore year or the beginning of the junior year. This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths. In short, this class will explore what a Humanities graduate can do and why humanistic study meets so many needs in the modern workplace. By focusing on core professional competencies, students will find ways to make their major coursework relevant to life after graduation.

For students wishing to pursue a career in the language industry, it is strongly recommended that they also complete the minor in Translation and Localization.

Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:

The Spanish and Portuguese Department requires a minimum of 18 hours of upper-division major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 2 — Complete 24 Credit Hours

PLANG380 Computer-Assisted Translation - Computer-Assisted Translation 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN361 Spanish to English Translation - Spanish to English Translation 3.0

SPAN362 English to Spanish Translation - English to Spanish Translation 3.0

SPAN467 Hist & Theory of Translation - Hist & Theory of Translation 3.0

SPAN468 Literary Translation - Literary Translation 3.0

SPAN469 Trans & Interpretation Project - Trans & Interpretation Project 3.0

Requirement 3 — Complete 12 Credit Hours

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

SPAN325 Intro to Hispanic Linguistics - Intro to Hispanic Linguistics 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN448R 20th Century Lit - 20th Century Lit 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN480R Directed Research - Directed Research 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics 3.0

NOTE: Only one of the 323 series courses will count towards the major although we encourage students to take more than one.

Requirement 4 — Complete 2 Credit Hours

SPAN399R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 5 — Complete 0.5 Credit Hours

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.

Portuguese Studies (Secondary Major) (BA)

Program Information

Minimum Credit Hours
25.5

Maximum Credit Hours
41.5

Major Academic Plan
MAPS - BA in Portuguese Studies (Secondary Major) 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish/ Portuguese at the ACTFL Advanced Low level or better.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fairmindedness in professional, personal, and gospel contexts.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements

Students must complete the requirements for a primary major in another field.

Requirement 1 — Complete 7.5 Credit Hours

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

PORT493 Capstone Course in Portuguese - Capstone Course in Portuguese 1.0

Requirement 2 — Complete 3 Credit Hours

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

Requirement 3 — Complete 15 Credit Hours

Note 1: Courses used to satisfy the above requirements will not double count.

Note 2: A minimum of 6 Credit Hours must be completed from 400+ courses.

Note 3: Only one of the following classes can count towards the major: PORT 323A/323B

Note 4: Classes with an R designation change their subject manner every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, PORT399R can only be taken for a maximum of 3 credits.

Option 3.1 — Complete up to 3 hours

PORT323A Portuguese Medical Professions - Portuguese Medical Professions 3.0

PORT323B Portuguese Business Profession - Portuguese Business Profession 3.0

Option 3.2 — Complete up to 15 hours

PORT322 3rd Yr Grammar & Composition - 3rd Yr Grammar & Composition 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT341 Survey of Lit of Portugal - Survey of Lit of Portugal 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT360 Intro to Translation - Intro to Translation 3.0

PORT377 Methods of Portuguese Teaching - Methods of Portuguese Teaching 3.0

PORT395R Contemporary Culture - Contemporary Culture 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Option 3.3 — Complete at least 6 hours up to 15 hours

PORT421 Advanced Portuguese Grammar - Advanced Portuguese Grammar fo 3.0

PORT429R Spec Topics Port Linguistics - Spec Topics Port Linguistics 3.0

PORT431R African Portuguese Lit - African Portuguese Lit 3.0

PORT435 Cultures of Port. Africa/Asia - Cultures of Port. Africa/Asia 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese 3.0

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr 3.0

PORT442 Camoes - Camoes 3.0

PORT447R Spec Topics in Culture of Port - Spec Topics in Culture of Port 3.0

PORT449R Special Topics in Port Lit - Special Topics in Port Lit 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit 3.0

PORT480R Directed Research - Directed Research 0.5v

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling 3.0

PORT581R Minicourse in Luso-Braz Lit - Minicourse in Luso-Braz Lit1.0

PORT582R Minicourse in Portuguese Ling - Minicourse in Portuguese Ling 1.0

PORT583R Minicourse in Port Pedagogy - Minicourse in Port Pedagogy 1.0

Spanish Studies (Secondary Major) (BA)

Program Information

Minimum Credit Hours
25.5

Maximum Credit Hours
41.5

Major Academic Plan
MAPS - BS in Spanish Studies (Secondary Major) 2026-2027.docx

Learning Outcomes

Title
Language Competence

Learning Outcome
Our graduates foster peace and serve in home, church, civic and professional settings by speaking, listening, reading, and writing Spanish/ Portuguese at the ACTFL Advanced Low level or better.

Title
Cultural Competence

Learning Outcome
Our graduates are effective leaders and ministers, fostering belonging in various contexts by respectfully approaching the cultural perspectives, practices, and products of Spanish-speaking communities with curiosity, sensitivity, and appreciation.

Title
Critical Thinking and Expression

Learning Outcome
Our graduates discern and communicate truth with humility, integrity, and fairmindedness in professional, personal, and gospel contexts.

Title
Connecting Learning to Life

Learning Outcome
Our graduates are disciples of Jesus Christ and engage in life-long learning and service, promoting empathy through their communication skills, cultural awareness, and social skills.

Program Requirements
Students must complete the requirements for a primary major in another field.

Requirement 1 — Complete 7.5 hours

Core courses:

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN491 Senior Proficiency Evaluation - Senior Proficiency Evaluation 0.5

SPAN493 Capstone Course in Spanish - Capstone Course in Spanish 1.0

Note: Course involves taking proficiency tests in speaking, writing, reading, and listening. Students who have previously taken one or more of these tests must still in enroll in the class to complete the remaining tests. No particular passing score is required, although it is hoped that students reach Advanced Low or better.

Requirement 2 — Complete 3 hours

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

Requirement 3 — Complete 15 hours

Note 1: Courses used to satisfy the above requirements will not double count.

Note 2: A minimum of 6 Credit Hours must be completed from 400+ courses.

Note 3: Only one of the following classes can count towards the major: SPAN 323A/323B/323C

Note 4: Classes with an R designation change their subject matter every semester. These classes can be taken multiple times, with each enrollment counting towards the specified program. However, SPAN 399R can only be taken for a maximum of 3 credits.

Option 3.1 — Complete up to 3 hours

SPAN323A Spanish Medical Professions - Spanish Medical Professions 3.0

SPAN323B Spanish Business Professions - Spanish Business Professions 3.0

SPAN323C Spanish Legal Professions - Spanish Legal Professions 3.0

Option 3.2 — Complete up to 9 hours

SPAN322 3rd-Yr Spanish Composition - 3rd-Yr Spanish Composition 3.0

SPAN325 Intro to Hispanic Linguistics - Intro to Hispanic Linguistics 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN335 Hispanic Lit for Span Teachers - Hispanic Lit for Span Teachers 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN360 Intro to Translation - Intro to Translation 3.0

SPAN376 Techniques of Span Instruction - Techniques of Span Instruction 3.0

SPAN395R Contemporary Culture - Contemporary Culture 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Option 3.3 — Complete at least 6 hours up to 15 hours

SPAN411 Conversation Superior Level - Conversation Superior Level 3.0

SPAN421 4th Yr Grammar - 4th Yr Grammar 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN429R Spec Top Span Ling - Spec Top Span Ling 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN439R Hisp Theatre Prod - Hisp Theatre Prod 3.0

SPAN440 Medieval Span Lit - Medieval Span Lit 3.0

SPAN443R Golden Age Lit - Golden Age Lit 3.0

SPAN444 Don Quijote - Don Quijote 3.0

SPAN446R 19th Century Lit - 19th Century Lit 3.0

SPAN447R Spec Topics Culture of Spain - Spec Topics Culture of Spain 3.0

SPAN448R 20th Century Lit - 20th Century Lit 3.0

SPAN449R Special Topics in Span Lit - Special Topics in Span Lit 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Li 3.0

SPAN465 Span Medical Interpretation - Span Medical Interpretation 3.0

SPAN468 Literary Translation - Literary Translation 3.0

SPAN480R Directed Research - Directed Research 0.5v

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics 3.0

SPAN581R Minicourse in Hispanic Lit - Minicourse in Hispanic Lit 1.0

SPAN582R Minicourse in Hispanic Ling - Minicourse in Hispanic Ling 1.0

SPAN583R Minicourse in Span Pedagogy - Minicourse in Span Pedagogy 1.0

Asian Studies (Minor)

Program Information

Minimum Credit Hours
14

Maximum Credit Hours
27

Learning Outcomes

Title
Regional and Disciplinary Literacy

Learning Outcome
Discuss the historical, cultural, and political traditions and perspectives of Asia and successfully analyze specific topics within these traditions using the concepts, theories, and methodologies associated with research in social science and the humanities. Courses that Contribute: ASIAN 200 ASIAN 342 ASIAN 495 IAS 301R Linked to BYU Aims: Intellectually Enlarging

Title
Language Proficiency

Learning Outcome
Communicate in the target language at the "intermediate" level according to ACTFL proficiency guidelines-i.e. "handle successfully a variety of uncomplicated communicative tasks in straightforward social situations . . . limited to those predictable and concrete exchanges necessary for survival." Comprehend "simple, sentence-length speech . . . in a variety of basic personal and social contexts." Read "short texts that convey basic information and deal with basic personal and social topics." Courses that Contribute: None Linked to BYU Aims: Intellectually Enlarging

Title
Effective Communication

Learning Outcome
Speak and write clearly, logically, and persuasively. Courses that Contribute: ASIAN 200 ASIAN 342 IAS 301R Linked to BYU Aims: Intellectually Enlarging

Title
Life-Long Learning

Learning Outcome
Develop intellectual curiosity that will lead to continued engagement with Asia in professional, personal, and ecclesiastical contexts.

Program Requirements

Requirement 1 — Complete 1 Course

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

Requirement 2 — Complete 1 of 4 Options

8 hours of another Asian language may be substituted for this requirement with faculty coordinator approval. See Kennedy Center Advisement (273 HRCB) for further details.

Option 2.1 — Complete 4 Courses

CHIN101 Beginning Mandarin - Beginning Mandarin 4.0

CHIN102 Beginning Mandarin - Beginning Mandarin 4.0

CHIN201 Intermediate Mandarin - Intermediate Mandarin 4.0

CHIN202 Intermediate Mandarin - Intermediate Mandarin 4.0

Option 2.2 — Complete 4 Courses

JAPAN101 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN102 1st-Year Japanese - 1st-Year Japanese 4.0

JAPAN201 Second-Year Japanese - Second-Year Japanese 4.0

JAPAN202 Second-Year Japanese - Second-Year Japanese 4.0

Option 2.3 — Complete 4 Courses

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

Option 2.4 — Complete 1 of 11 Courses

CEBU330 Adv Lang & Cult: Cebuano - Adv Lang & Cult: Cebuano 3.0

CHIN301 Advanced Mandarin - Advanced Mandarin 4.0

HMONG330 Adv Lang & Cult: Hmong - Adv Lang & Cult: Hmong 3.0

INDON330 Adv Lang & Cult: Indonesian - Adv Lang & Cult: Indonesian 3.0

JAPAN301 Japanese Reading & Culture - Japanese Reading & Culture 4.0

KHMER330 Adv Lang & Cult: Khmer - Adv Lang & Cult: Khmer 3.0

KOREA301 Third-Year Korean 1 - Third-Year Korean 1 4.0

MONGO330 Adv Lang & Cult: Mongolian - Adv Lang & Cult: Mongolian 3.0

TAGAL330 Adv Lang & Cult: Tagalog - Adv Lang & Cult: Tagalog 3.0

THAI330 Adv Lang & Cult: Thai - Adv Lang & Cult: Thai 3.0

VIET330 Adv Lang & Cult: Vietnamese - Adv Lang & Cult: Vietnamese 3.0

Requirement 3 — Complete 8 hours

Study Abroad / Internship credit may be substituted for this requirement with faculty coordinator approval. See Kennedy Center Advisement (273 HRCB) for further details.

Option 3.1 — Complete up to 3 hours

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR 343 - Chinese Culture & Society 3.0 - *This course is no longer offered*

Option 3.2 — Complete up to 3 hours

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

Option 3.3 — Complete up to 3 hours

ASIAN200 Intr Asian Studies - Intr Asian Studies 3.0

Option 3.4 — Complete up to 3 hours

Option 3.4.1 — Complete up to 3 hours

Classes in translation

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN345R Chinese Culture - Chinese Culture - *You may take once* 3.0

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Culture 3.0

Option 3.4.2 — Complete up to 3 hours

Classes not taught in English

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

Option 3.5 — Complete up to 3 hours

GEOG272 East Asia - East Asia 3.0

Option 3.6 — Complete up to 3 hours

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

Option 3.7 — Complete up to 3 hours

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

Option 3.8 — Complete up to 3 hours

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

Option 3.9 — Complete up to 3 hours

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

Option 3.10 — Complete up to 3 hours

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

European Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
20

Program Requirements

Requirement 1 — Complete 1 of 66 Courses

Complete one of the following classes in a European language.

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

ARMEN330 Adv Lang & Cult: Armenian -Adv Lang & Cult: Armenian 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CROAT321 Adv Grammar: Croatian -Advanced Grammar: Croatian 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH321 Adv Grammar: Czech - Advanced Grammar: Czech 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH201 2nd-Year Danish - Second-Year Danish 4.0

DANSH202 2nd-Year Danish - 2nd-Year Danish 4.0

DANSH330 Advanced Danish -Advanced Danish 3.0

DUTCH321 Adv Grammar: Dutch- Advanced Grammar: Dutch 3.0

DUTCH330 Adv Lang & Cult: Dutch -Adv Lang & Cult: Dutch 3.0

ESTON330 Adv Lang & Cult: Estonian - Adv Lang & Cult: Estonian 3.0

FINN201 2nd Yr Finnish - Second-Year Finnish 4.0

FINN202 2nd Year Finnish - 2nd Year Finnish 4.0

FINN330 Advanced Finnish -Advanced Finnish 3.0

FREN201 Intermediate French, Part 1 - Intermediate French, Part 1 3.0

FREN202 Intermediate French, Part 2 - Intermediate French, Part 2 3.0

FREN321 Advanced French Part 1- Advanced French Part 1 3.0

GEORG330 Adv Lang & Cult: Georgian Adv Lang & Cult: Georgian

GERM201 2nd Yr German - Second-Year German 4.0

GERM202 2nd-Year German - 2nd-Year German 4.0

GERM301 German Cultural History - German Cultural History 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND201 2nd-Yr Icelandic - Second-Year Icelandic 4.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

ITAL201 Intermediate Italian 1 - Intermediate Italian 1 4.0

ITAL202 Intermediate Italian 2 - Intermediate Italian 2 3.0

ITAL321 Advanced Language Part 1 - Advced Language Part 1 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATVI330 Cultural History of Latvia -Cultural History of Latvia 3.0

LITHU330 Cultural History of Lithuania – Cultural History of Lithuania 3.0

MACED330 Adv Lang Cultural: Macedonian - Adv Lang & Cult: Macedonian 3.0

M GRK330 Adv Lang & Cult: Modern Greek - Adv Lang & Cult: Modern Greek 3.0

NORWE201 2nd-Year Norwegian - Second-Year Norwegian 4.0

NORWE202 2nd-Year Norwegian - 2nd-Year Norwegian 4.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT201 Third-Semester Portuguese - Third-Semester Portuguese 4.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

PORT321 3rd-Yr Port Read, Gram, & Cult -3rd Yr Port Read, Gram, & Cult 3.0

ROM330 Adv Lang & Cult: Romanian - Adv Lang & Cult 3.0

RUSS201 2nd-Yr Russian, Part 1 - Second-Year Russian, Part 1 5.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 4.0

RUSS321 3rd Yr Russian, Part 1-3rd Yr Russian, Part 1 3.0

SLN321 Adv Grammar: Slovene - Adv Grammar: Slovene 3.0

SLN330 Adv Lang & Cult: Slovene - Adv Lang & Cult: Slovene 3.0

SLOVK321 Adv Grammar: Slovak - Adv Grammar: Slovak 3.0

SLOVK330 Adv Lang & Cult: Slovak – Adv Lang& Cult: Slovak 3.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN206 Intensive Span Skills Develop -Intensive Spanish Skills Development 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SRBIA321 Adv Grammar: Serbian –Advanced Grammar: Serbian 3.0

SRBIA330 Adv Lang & Cult: Serbian - Adv Lang & Cult: Serbian 3.0

SWED201 2nd-Year Swedish - Second-Year Swedish 4.0

SWED202 2nd-Year Swedish - 2nd-Year Swedish 4.0

SWED330 Advanced Swedish - Advanced Swedish 3.0

TURK330 Adv Lang & Cult: Turkish – Adv Lang & Cult: Turkish 3.0

UKRAI321 Adv Grammar: Ukrainian-Advanced Grammar: Ukrainian 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH201 Second Year Welsh - Second-Year Welsh 4.0

WELSH202 Second-Year Welsh -Second Year Welsh 4.0

WELSH330 Adv Lang & Cult: Welsh - Adv Lang & Cult: Welsh 3.0

Requirement 2 — Complete 3 Courses

EUROP200 Intro to European Studies - Intro to European Studies 3.0

EUROP320R European Lit, Art, and Culture - European Lit, Art, and Culture - *You may take once* 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

Requirement 3 — Complete 6 hours

Other Europe-related courses may be used here with European Studies coordinator's approval.

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ARMEN330 Adv Lang & Cult: Armenian - Adv Lang & Cult: Armenian 3.0

ARTHC301 Women in Art - Women in Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC335 Northern Baroque Art - Northern Baroque Art 3.0

ARTHC337 18th-Century European Art- 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

ARTHC350 Modern Art - Modern Art 3.0

ARTHC355 Contemporary Art - Contemporary Art 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANCE174 Irish Dance, Beginning - Irish Dance, Beginning 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1- *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1- *You may take once* 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH330 Adv Lang & Cult: Dutch- Adv Lang & Cult: Dutch 3.0

ECON257 Intrnl Trade & Fin - Intrnl Trade & Fin 3.0

ENGL232 Shakespeare - Shakespeare 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2 - British Literary History 2 3.0

ENGL300R Brit Liter in Cultural Setting - Brit Liter in Cultural Setting - *You may take once* 0.5v

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

EUROP330 European Culture and Society - European Culture and Society 3.0

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

EUROP337R Humanities: European Context - Humanities: European Context- *You may take once* 0.5v

EUROP495 Sr Capstone in European St - Sr Capstone in European St 1.0

FINN330 Advanced Finnish - Third Year Finnish 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FNART270R Global Arts - Global Arts - *You may take once* 0.5v

FREN202 Intermediate French, Part 2Intermediate French, Part 2 3.0

FREN317 French & Italian Cinema (Fren-Ital) French and Italian Cinema 3.0

FREN340 Intro to Literary Analysis Introduction to Literary Analysis 3.0

FREN361 French Arts & Culture to 1715 French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone Contemporary France and the Francophone World 3.0

GEOG260 Europe - Europe 3.0

GEOG341 Political Geography-Political Geography 3.0

GERM202 2nd-Year German Second-Year German 4.0

GERM217 German & Scandinavian Cinema (Germ-Scand) German and Scandinavian Cinema 3.0

GERM301 German Cultural History German Cultural History 3.0

GERM302 Germany 20th Century Germany in the 20th Century 3.0

GERM303 Germany Today Germany Today 3.0

GERM340 Writing About Literature Writing about Literature 3.0

GERM343 Intro to German Literature Introduction to German Literature 3.0

GERM346 German Art and Architecture Art and Architecture in German-Speaking Europe 3.0

GERM440R Topics in German Literature Topics in German Literature, Film and Culture 3.0

GERM441R Topics in German Lit (English) Topics in German Literature, Film and Culture (taught in English) 3.0

GERM450 Hist of the German Language History of the German Language 3.0

GREEK301 Classical Greek Poetry Classical Greek Poetry: Homer's Iliad 3.0

GREEK302 Classical Greek Prose Classical Greek Prose 3.0

GSCM411 Global Business Negotiations - Global Business Negotiations 3.0

GWS350 Medieval Europe Women Writers- Medieval European Women Writers 3.0

GWS351 Early Mod Europ Women Writers- Early Modern European Women Writers 3.0

GWS352 Mod European Women Writers- Modern European Women Writers 3.0

GWS358 Women and World Cinema- The Gendered Camera: Women and World Cinema 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV- History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST324 France-France 3.0

HIST325 Spain-Spain 3.0

HIST327 Modern Italy-Italy in the Modern World Since 1848 3.0

HIST328 Modern Germany-Modern Germany 3.0

HIST330 Russian Empire Under Romanovs- The Russian Empire Under the Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia-Soviet Union and Post-Soviet Russia 3.0

HIST332 Scandinavian Hist-Scandinavian History 3.0

HUNG330 Cultural History of Hungary- Cultural History of Hungary 3.0

IAS301R KC Lecture Series-Kennedy Center Lecture Series 1.0

IAS302R International Studies Seminar-Seminar in International Studies 1.0

IAS399R Academic Internship - Academic Internship - You may take once 0.5v

ICLND202 2nd Year Icelandic- Second-Year Icelandic 4.0

ICLND429 Old Icelandic Lang &Literature- Old Icelandic Language and Literature 3.0

ICS290R International Cinema- International Cinema 1.5

ITAL202 Intermediate Italian 2- Intermediate Italian 2 3.0

ITAL317 French & Italian Cinema- (Fren-Ital) French and Italian Cinema 3.0

ITAL340 Intro to Italian Literature- Introduction to Italian Literature 3.0

ITAL360 Italian Civilization to 1600- Italian Civilization from the Beginning to 1600 3.0

ITAL361 Italian Civilization 1600-Pres- Italian Civilization from 1600 to the Present 3.0

ITAL446 Multicultural Italy- Multicultural Italy 3.0

ITAL449R Studies in Cultural History Studies in Cultural History 3.0

ITAL460 Dante's Divine Comedy Dante's Divine Comedy 3.0

LATIN302 Classical Latin Prose Classical Latin Prose 3.0

LATIN434 Plautus & Terence Plautus and Terence 3.0

MKTG416 International Marketing - International Marketing 3.0

MSB430 Intro International Business - Intro International Business 3.0

MSB432 Business and Culture-International Business and Culture 3.0

MSB596R Business Language- Business Language 3.0

MUSIC101 Introduction to Music Introduction to Music 3.0

MUSIC201 Civilization: Music 1 Civilization: Music 1 3.0

MUSIC202 Civilization: Music 2 Civilization: Music 2 3.0

NORWE202 2nd-Year Norwegian Second Year Norwegian 4.0

NORWE330 Advanced Norwegian Advanced Norwegian 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

POLI170 Intro International Politics- Introduction to International Politics 3.0

POLI341 European Politics - European Politics 3.0

POLI344 Comparative Political Econ- Comparative Political Econ 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI384 Internatl Relations of Europe - International Relations of Europe 3.0

POLI472 Intrnl Political Econ of Women-International Political Economy of Women 3.0

POLSH330 Cultural History of Poland Cultural History of Poland 3.0

PORT321 3rd-Yr Port Read, Gram, & Cult Third-Year Portuguese Reading, Grammar, and Culture 3.0

PORT330 Intro to Port & Brazilian Lit Introduction to Portuguese and Brazilian Literature 3.0

PORT345 Cultures of Portugal - Cultures of Portugal 3.0

PORT437R Women Writers in Portuguese Women Writers in Portuguese 3.0

PSYCH210 History of Psychology History of Psychology 3.0

REL C352 Survey of Christianity -Survey of Christianity 2.0

ROM330 Adv Lang & Cult: Romanian Advanced Language Proficiency Through Cultural Studies: Romanian 3.0

RUSS202 2nd Year Russian Part 2 2nd Year Russian Part 2 4.0

RUSS303 Intermediate Russian Part 2 Intermediate Russian Part 2 2.0

RUSS330 Cultural History of Russia Cultural History of Russia 3.0

RUSS340 Russian Novel in English Masterpieces of the Russian Novel in English 3.0

RUSS341 Dostoevsky Dostoevsky’s Major Works in Translation 3.0

RUSS342 Tolstoy Tolstoy’s Major Works in Translation 3.0

RUSS343 Masterpieces of Russian Film Masterpieces of Russian Film 3.0

RUSS344 Russian Arts & Letters Historical Survey of Russian Arts and Letters 3.0

RUSS441 Russian Literature 1 Masterpieces of Russian Literature 1 3.0

RUSS442 Russian Literature 2 Masterpieces of Russian Literature 2 3.0

RUSS492R Senior Seminar Senior Seminar: Passages and Conclusions 2.0

SCAND217 German & Scandinavian Cinema (Scand-Germ) German and Scandinavian Cinema 3.0

SCAND429 Old Norse Old Norse 3.0

SCAND490R Sem in Scandinavian Studies Seminar in Scandinavian Studies v.05

SFL328 Hist of Interior Design&Arch 1 History of Interior Design and Architecture 1 3.0

SFL329 Hist of Interior Design&Arch 2 History of Interior Design and Architecture 2 3.0

SOC223 Sociology of Race & Ethnicity -Sociology of Race and Ethnicity 3.0

SOC340 Soc of International Develpmnt -Sociology of International Development 3.0

SOC345 World Populations - World Populations 3.0

SOC367 Soc of Gender-Sociology of Gender 3.0

SPAN205 University Spanish 3 University Spanish 3 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult Third –Year Spanish Reading, Grammar, and Culture 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN341 Survey of Lit of Spain Survey of Literature of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN438 Hispanic Cinema Hispanic Cinema 3.0

SPAN448R 20th Century Lit Twentieth-Century Spanish Literature 3.0

SRBIA330 Adv Lang & Cult: Serbian Advanced Language Proficency Through Cultural Studies: Serbian 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

UKRAI330 Cultural History of Ukraine Cultural History of Ukraine 3.0

Latin American Studies (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
18	42

Program Requirements

Requirement 1 — Complete 1 Course

LAS211 Intro Latin American Studies - Intro Latin American Studies 3.0

Requirement 2 — Complete 1 of 2 Courses

Depending on language proficiency, students may need to complete lower-division language courses before enrolling in SPAN 321 or PORT 321.

For language placement and course sequence, see https://spanport.byu.edu/which-portuguese-class-should-i-start-with or https://spanport.byu.edu/which-spanish-class-should-i-take

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

Requirement 3 — Complete 6 hours

With prior approval from the program coordinator, students may receive up to 3 elective hours for service learning, an internship, or Study Abroad. With prior approval from the program coordinator, FHSS 351 can be substituted when it focuses on Latino civil rights.

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

GEOG255 Middle & South America - Middle & South America 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST 359 - Inter-American Relations 3.0 - *This course is no longer offered*

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

IAS355R Model OAS - Model OAS - *You may take once* 3.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

LAS390R Special Topics for LAS - Special Topics for LAS - *You may take once* 3.0

LAS495 LAS Senior Seminar - LAS Senior Seminar 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

Requirement 4 — Complete 6 hours

With prior approval from the program coordinator, students may receive up to 3 elective hours for service learning, an internship, or Study Abroad. With prior approval from the program coordinator, FHSS 351 can be substituted when it focuses on Latino civil rights.

IAS355R Model OAS - Model OAS - *You may take once* 3.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

LAS390R Special Topics for LAS - Special Topics for LAS - *You may take once* 3.0

LAS495 LAS Senior Seminar - Senior Seminar 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

International Development (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Interdisciplinary Understanding of Development

Learning Outcome
Students will demonstrate an understanding of the historical, theoretical, and practical foundations of international development, including diverse approaches, actors, and the interconnectedness of global challenges such as poverty, health, environment, and education.

Title
Gospel-Centered Development Values

Learning Outcome
Demonstrate an understanding of how gospel principles such as compassion, self-reliance, stewardship, and the divine potential of all people can inform and enhance ethical, humble, and sustainable approaches to international development.

Title
Cross-Cultural Competence and Engagement

Learning Outcome
Students will gain skills in communication, collaboration, and problem-solving from cross-cultural and international perspectives, preparing them to act as agents for positive social change across a range of global contexts. Students will engage respectfully and reflectively with diverse communities, valuing local knowledge and perspectives while recognizing one's own cultural assumptions.

Title
Critical Thinking and Analytical Skills

Learning Outcome
Students will develop the ability to critically evaluate development theories and interventions, analyze complex global issues, and think independently and ethically about development in an interconnected world.

Title
Applied Learning and Career Readiness

Learning Outcome
Through interdisciplinary coursework, internships, and research opportunities, students will apply development knowledge in real-world settings, preparing for diverse careers or further study in international development and related fields.

Program Requirements

Courses do not double count between different requirement sections of this minor.

Requirement 1 — Complete 1 Course

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

Requirement 2 — Complete 6 hours

Option 2.1 — Complete at least 3 hours up to 6 hours

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

HLTH480 International Health - International Health 3.0

GCI300 Social Impact - Social Impact 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

Option 2.2 — Complete up to 3 Hours

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

Requirement 3 — Complete 9 hours

Up to 6 credits of the following courses may count if approved by the International Development Faculty Coordinator: HLTH 496R, IAS 397R, IAS 399R, and research or internship experiences in many of the major programs represented in the minor.

Option 3.1 — Complete up to 6 Hours

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

Option 3.2 — Complete up to 6 hours

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

Option 3.3 — Complete up to 6 hours

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

EDLF365 Ed Policy in Develpg Countries - Ed Policy in Develpg Countries 3.0

Option 3.4 —Complete up to 6 hours

GEOG101 Global Environment - Global Environment 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

Option 3.5- Complete up to 6 hours

HIST261 Modern Africa - Modern Africa 3.0

HIST290 Nature & History -Nature and History 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

Option 3.6- Complete up to 3 hours

HLTH100 Intro to Public Health - Intro to Public Health 1.0

HLTH316 Health Systems and Policy – Health Systems and Policy 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH480 International Health - International Health 3.0

Option 3.7- Complete up to 3 hours

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions – Designing Democ. Constitutions 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

Option 3.8- Complete up to 3 hours

PWS150 Environmental Biology - Environmental Biology 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

Option 3.9- Complete up to 3 hours

SOC302 Evaluation Research - Evaluation Research 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

Option 3.10- Complete up to 6 hours

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

IAS301R KC Lecture Series - KC Lecture Series - - *You may take 2 times* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take 2 times* 1.0

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

GCI300 Social Impact - Social Impact 3.0

NDFS380 International Nutrition- International Nutrition 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SOC W582 Refugee Studies - Refugee Studies 3.0

We encourage all students to earn 3-6 credit hours by completing an international study abroad (IAS 397R), internship, or field school (IAS 399R) experience that focuses on development. For a list of approved programs that will count toward the minor, or to request approval of a program, contact the International Development minor coordinator.

American Studies (BA)

Program Information

Minimum Credit Hours
45

Maximum Credit Hours
46

Major Academic Plan
MAPS - BA in American Stuides 2026-2027.docx

Learning Outcomes

Title
Work Independently

Learning Outcome
American Studies graduates will have created a coherent course of study matched to their interests and their post-graduate plans. This may include taking a suitable minor and creating for themselves relevant extracurricular experiences such as internships editorships travel study ORCA grants conference participation and publication.

Title
Engage Disciplinarily and Interdisciplinarily

Learning Outcome
American Studies graduates will understand that American studies is coherent as a discipline in and of itself and also engage their major both within and across the various other disciplines that constitute American Studies mastering the theoretical and methodological approaches inherent in the American Studies curriculum.

Title
Analyze Rigorously

Learning Outcome
American Studies graduates will be able to read critically and analyze cultural economic historical literary political social and religious texts and artifacts. They will identify evaluate and incorporate appropriate research sources in their work as they demonstrate awareness of the critical conversations they are entering. Their analyses will contribute to their understanding of the ways in which the American experience has been and continues to be constructed and transmitted.

Title
Communicate Persuasively

Learning Outcome
American Studies graduates will be able to formulate both their oral and written arguments coherently support them clearly and communicate them effectively to their audiences using correct conventions of language and some stylistic flair–all according to the best practices of the variety of disciplines and situations in which they are engaged.

Program Requirements

The American Studies 304/490 sequence fulfills the Advanced Written and Oral Communications requirement.

Majors should begin course work in the major by taking Am St 303 fall semester, followed by Am St 304. Course substitutions may only be made with written, prior permission of the American Studies coordinator. Courses do not double count between the different requirement sections within the major.

Requirement 1 —Complete 2 Courses

Introduction to American Studies Courses:

AM ST303 Intro American Studies - Intro American Studies 3.0

AM ST304 Methods and Writing Practices - Methods and Writing Practices 3.0

Requirement 2 — Complete 1 of 6 Courses

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ARTHC300 Theory & Methodology - Theory & Methodology 3.0

ENGL203 Ways of Reading - Ways of Reading 3.0

HIST200 Historian's Craft - Historian's Craft 3.0

POLI200 Political Inquiry - Political Inquiry 4.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

Requirement 3 — Complete 2 Requirements

Option 3.1 —Complete 1 Course

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Option 3.2 — Complete 1 of 2 Courses

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

Requirement 4 —Complete 3 hours

Complete IAS 399R or receive a substitution for this requirement. To receive a substitution, students may, with approval from the American Studies Program coordinator, complete an alternative 3.0 credit hour internship experience.

IAS399R Academic Internship - Academic Internship - - *You may take once* 0.5v

Requirement 5 — Complete 1 of 3 Courses

HIST 490 or IHUM 490R must focus, to some degree, upon United States history, culture, and/or society.

AM ST490 American Studies Capstone - American Studies Capstone 3.0

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

Requirement 6 — Complete 2 of 4 Options

Option 6.1 — Complete 2 Requirements

Religious Lives, Liberties, & Histories Track.

ENGL 357R, ENGL 388R, GWS 337R, and HIST 390R, must focus, to some degree, on religious life, liberties, and histories of the United States.

Option 6.1.1 — Complete 2 hours

REL C351 World Religions - World Religions 2.0

Option 6.1.2 — Complete 12 hours

Option 6.1.2.1 — Complete up to 12 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take up to 6.0 credit hours* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS482 Religion, Media, and Society - Religion, Media, and Society 3.0

ENGL268 Literature of the LDS - Literature of the LDS 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints- Lit of the Latter-day Saints 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST364 Utah - Utah 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI336 Religion and Politics - Religion and Politics 3.0

PSYCH353 Restored Gospel and Psychology - Restored Gospel and Psychology 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

Option 6.1.2.2 — Complete up to 4 hours

REL A336 Book of Mormon as Sacred Lit - Book of Mormon as Sacred Lit 2.0

REL C341 JS & Restoration 1805-1845 - JS & Restoration 1805-1845 2.0

REL C342 Pioneers, Conflict, and Growth - Pioneers, Conflict, and Growth 2.0

REL C343 Modern Church 1900-Present - Modern Church 1900-Present 2.0

REL C352 Survey of Christianity - Survey of Christianity 2.0

REL C353 American Christianity - American Christianity 2.0

Option 6.2 —Complete 14 hours

Constitution & Democracy in the World Track.

ENGL 327R, HIST 390R, POLI 319R, and POLI 359R must focus, to some degree, on the US constitution, systems of governance, and/or its democratic ideals.

Option 6.2.1 — Complete up to 6 hours

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST370 Early America - Early America 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST398 American Capitalism - American Capitalism 3.0

Option 6.2.2 — Complete up to 6 hours

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take once* 1.0v

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

Option 6.2.3 — Complete up to 6 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take 3 times* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take 2 times* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take 2 times* 1.0v

GCI320 Implementing Social Impact - Implementing Social Impact 3.0

GCI430R Ballard Brief- Ballard Brief - *You may take once* 3.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W582 Refugee Studies - Refugee Studies 2.0

Option 6.3 — Complete 14 hours

Communities, Cultures, & Citizenship Track. ENGL 384R, ENGL 388R, ENGL 389R, ENGL 396R, HIST 288R, HIST 390R, POLI 319R, POLI 359R, SOC 390R, TMA 477R, TMA 492R, and TMA 498R must focus, to some degree, on the communities and cultures of the United States.

Option 6.3.1 — Complete 6 hours

Option 6.3.1.1 — Complete up to 6 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take up to 6.0 credit hours* 3.0

ANTHR431 Kinship, Race, and Gender - Kinship, Race, and Gender 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

Option 6.3.1.2 — Complete up to 3 hours

HIST362 US Immigration History - US Immigration History 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

Option 6.3.1.3 — Complete up to 3 hours

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC370 Urban Sociology- Urban Sociology 3.0

Option 6.3.2 — Complete 8 hours

Option 6.3.2.1 — Complete up to 8 hours

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

EXDM418 Designing for Inc & Belonging - Designing for Inc & Belonging 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

GEOG250 US and Canada - US and Canada 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W582 Refugee Studies - Refugee Studies 2.0

Option 6.3.2.2 — Complete up to 3 hours

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR431 Kinship, Race, and Gender - Kinship, Race, and Gender 3.0

ANTHR490R Special Topics - Special Topics - *You may take once* 0.5v

Option 6.3.2.3 — Complete up to 2 hours

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

Option 6.3.2.4 — Complete up to 3 hours

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

Option 6.3.2.5 — Complete up to 3 hours

GCI300 Social Impact - Social Impact 3.0

GCI310 Designing Social Impact - Designing Social Impact 3.0

Option 6.3.2.6 — Complete up to 3 hours

HIST288R Women in a Changing World - Women in a Changing World - *You may take once* 0.5v

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST370 Early America - Early America 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST378 History of American Families - History of American Families 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

Option 6.3.2.7 — Complete up to 3 hours

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH450 Women's Health - Women's Health 3.0

Option 6.3.2.8 — Complete up to 3 hours

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take once* 1.0v

Option 6.3.2.9 — Complete up to 3 hours

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC228 Sociology of Sport - Sociology of Sport 3.0

SOC283 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC365 Sociology of Aging - Sociology of Aging 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

Option 6.3.2.10 — Complete up to 3 hours

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take once* 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take once* 3.0

Option 6.4 — Complete 14 hours

Expressive Cultures Track.

ENGL 332R, ENGL 337R, ENGL 384R, ENGL 388R, ENGL 389R, ENGL 396R, GWS 337R, IHUM 280R, IHUM 490R, TMA 477R, TMA 492R, and TMA 498R must focus, to some degree, on expressive cultures of the United States.

Option 6.4.1 — Complete 6 hours

Option 6.4.1.1 — Complete up to 6 hours

COMMS301 Media History and Culture - Media History and Culture 3.0

ENGL293 American Literary History - American Literary History 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

Option 6.4.1.2 — Complete up to 3 hours

ARTHC345 American Art to 1876 - American Art to 1876 3.0

ARTHC353 American Art 1876-1950 - American Art 1876-1950 3.0

ARTHC379 History of Photography - History of Photography 3.0

Option 6.4.1.3 — Complete up to 3 hours

IHUM261 AmerHumanities1:Colonial-1876 - AmerHumanities1:Colonial-1876 3.0

IHUM262 AmerHumanities2:1877-Present - AmerHumanities2:1877-Present 3.0

Option 6.4.1.4 — Complete up to 3 hours

TMA291 Film History 1 - Film History 1 3.0

TMA292 Film History 2 - Film History 2 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA294 History of Animation - History of Animation 3.0

Option 6.4.2 — Complete 8 hours

Option 6.4.2.1 — Complete up to 3 hours

Performance Cultures

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

SOC228 Sociology of Sport - Sociology of Sport 3.0

TMA480R Spec Topics Theatre Research - Spec Topics Theatre Research - *You may take once* 3.0

Option 6.4.2.2 — Complete up to 3 hours

Literary Cultures

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

ENGL332R Media and Pop Lit after 1800 - Media and Pop Lit after 1800 - *You may take once* 3.0

ENGL337R Studies in Lit Form and Genre - Studies in Lit Form and Genre - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL392 American Folklore - American Folklore 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

ENGL420 Young Adult Literature - Young Adult Literature 3.0

GWS354 Pan American Women Writers - Pan American Women Writers 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

Option 6.4.2.3 — Complete up to 3 hours

Visual & Media Cultures

AM ST360 Film in American Culture - Film in American Culture 3.0

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

COMMS302 Popular Culture & Media - Popular Culture & Media 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

DES390 Design Theory - Design Theory 3.0

IHUM280R Humanities & the Sacred - Humanities & the Sacred - *You may take once* 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

TMA293 Hist of Documntry&Nonfic Film - Hist of Documntry&Nonfic Film 3.0

TMA294 History of Animation - History of Animation 3.0

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take once* 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take once* 3.0

Asian Studies (BA)

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
65

Major Academic Plan
MAPS - BA in Asian Studies 2026-2027.docx

Learning Outcomes

Title
Regional and Disciplinary Literacy

Learning Outcome
Discuss the historical, cultural, and political traditions and perspectives of Asia and successfully analyze specific topics within these traditions using the concepts, theories, and methodologies associated with research in social science and the humanities.

Title
Language Proficiency

Learning Outcome
Communicate in an Asian language at the "intermediate" level according to ACTFL proficiency guidelines-i.e. "handle successfully a variety of uncomplicated communicative tasks in straightforward social situations . . . limited to those predictable and concrete exchanges necessary for survival." Comprehend "simple, sentence-length speech . . . in a variety of basic personal and social contexts." Read "short texts that convey basic information and deal with basic personal and social topics."

Title
Effective Communication

Learning Outcome
Speak and write clearly, logically, and persuasively.

Title
Life-Long Learning

Learning Outcome
Develop intellectual curiosity that will lead to continued engagement with Asia in professional, personal, and ecclesiastical contexts.

Program Requirements
Previous language experience or up to 20 credits of language may be required before completing Requirement 1.

Courses do not double count between different requirements in the major.

Requirement 1 —Complete 1 of 3 Options

Upon completion of Requirement 1, students may be eligible to earn a language certificate in their chosen language by taking the OPI and WPT assessments. For full details and to register for the language certificate see: https://cls.byu.edu/programs/certificate/

A language certificate completed in another Asian language may be substituted for this requirement with faculty coordinator approval.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 2 Courses

CHIN302 Advanced Mandarin - Advanced Mandarin4.0

CHIN345R Chinese Culture - Chinese Culture- You may take once3.0

Requirement 1.1.2 —Complete 1 of 2 Courses

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 2 Courses

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events3.0

JAPAN345 Japanese Culture - Japanese Culture3.0

Requirement 1.2.2 —Complete 1 of 3 Courses

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 2 Courses

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

KOREA345 Korean Culture - Korean Culture 3.0

Requirement 1.3.2 —Complete 1 of 3 Courses

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

Requirement 2 —Complete 4 Courses

ASIAN200 Intr Asian Studies - Intr Asian Studies 3.0

ASIAN495 Capstone in Asian Studies - Capstone in Asian Studies 1.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Requirement 3 —Complete 1 of 3 Courses

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

Requirement 4 —Complete 1 of 4 Courses

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

Requirement 5 —Complete 2 of 6 Courses

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

Requirement 6 — Complete 15 hours

If approved beforehand, up to 9 credit hours of international coursework may be completed through study abroad, internships, mentored research, or independent field studies.

Option 6.1 — Complete up to 3 hours

ASIAN342 Asian Lit Trads - Asian Lit Trads 3.0

IHUM241 Humanities of East Asia - Humanities of East Asia 3.0

IHUM243 Humanities of South Asia - Humanities of South Asia 3.0

Option 6.2 — Complete up to 6 hours

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR 343 - Chinese Culture & Society 3.0 - *This course is no longer offered*

Option 6.3 — Complete up to 3 hours

ARTHC203 Asian Art Survey - Asian Art Survey 3.0

Option 6.4 — Complete up to 6 hours

CHIN342 Chinese Film in Translation - Chinese Film in Translation 3.0

CHIN343 Chin Lit inTranslation--Poetry - Chin Lit inTranslation--Poetry 3.0

CHIN344 Chin Lit inTranslation-Prose - Chin Lit inTranslation-Prose 3.0

CHIN345R Chinese Culture - Chinese Culture- 3.0 *You may take once*

CHIN346 Chinese Philosophy - Chinese Philosophy 3.0

CHIN441 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN442 Classical & Literary Chinese - Classical & Literary Chinese 3.0

CHIN443 Modern Chinese Literature - Modern Chinese Literature 3.0

CHIN444 Contemporary Chinese Liter - Contemporary Chinese Liter 3.0

Option 6.5 — Complete up to 3 hours

GEOG272 East Asia - East Asia 3.0

Option 6.6 — Complete up to 6 hours

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

Option 6.7 — Complete up to 6 hours

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

JAPAN322 Advanced Japanese: Modern Lit - Advanced Japanese: Modern Lit 3.0

JAPAN345 Japanese Culture - Japanese Culture 3.0

JAPAN350 Lit in Tran: 8th-16th Century - Lit in Tran: 8th-16th Century 3.0

JAPAN351 Lit in Tran: 17th-19th Century - Lit in Tran: 17th-19th Century 3.0

JAPAN352 Lit in Translation: Modern Era - Lit in Translation: Modern Era 3.0

JAPAN441 Intro to Classical Japanese - Intro to Classical Japanese 3.0

JAPAN444 Toward Superior Japanese: Lit - Toward Superior Japanese: Lit 3.0

Option 6.8 — Complete up to 6 hours

KOREA315 Sino-Korean Character Workshop - Sino-Korean Character Workshop 3.0

KOREA321 Select Rdngs of Modern Korean - Select Rdngs of Modern Korean 3.0

KOREA340 Korean Literature to 1900 - Korean Literature to 1900 3.0

KOREA345 Korean Culture - Korean Culture 3.0

KOREA346 North Korean Culture - North Korean Culture 3.0

KOREA441 Classical Korean (Hanmun) - Classical Korean (Hanmun) 3.0

KOREA443 Korean Literature after 1900 - Korean Literature after 1900 3.0

Option 6.9 — Complete up to 6 hours

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

MUSIC203 World Music Cultures - World Music Cultures 3.0

MUSIC336R Balinese Gamelan - Balinese Gamelan - *You may take once* 1.0

Option 6.10 — Complete up to 6 hours

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

Option 6.11 — Complete up to 5 hours

REL C358 Survey of Eastern Religions - Survey of Eastern Religions 2.0

SOC345 World Populations - World Populations 3.0

European Studies (BA)

Program Information

Minimum Credit Hours
36

Maximum Credit Hours
38

Major Academic Plan
MAPS - BA in European Studies 2026-2027.docx

Learning Outcomes

Title
Information Literacy: Foundations & Frameworks in European Studies

Learning Outcome
Students will demonstrate advanced factual knowledge of European geographies, histories, politics, and cultures, and show proficiency in analyzing and interpreting specific European topics using major theories and concepts from the core European Studies disciplines (history, political science, and the humanities).

Title
Global Citizenship

Learning Outcome
Students will acquire and refine an intellectual curiosity and habits of thought that will lead to life-long learning and continued engagement with European history, literature, culture, languages, and current affairs in various realms (personal, professional, church, civic).

Title
Cultural Navigation: International Perspectives & Experiences

Learning Outcome
Students will acquire advanced international and intercultural competencies through coursework in international studies, habitual reading of European and global news, regular attendance at Kennedy Center lectures, as well as mentored learning experiences, including study abroad, internship, etc.

Title
Professional Skills and Competencies

Learning Outcome
Students will cultivate advanced skills in critical reading, thinking, and communication in a variety of disciplinary traditions (history, humanities, political science, etc.). Students will learn how to locate, use, and cite high-quality and reliable resources from the library and online and use that research in the creation of a substantive research paper. They will also demonstrate a proficiency in communicating in a European language other than English.

Program Requirements

Requirement 1 — Complete 1 of 55 Courses

Complete one of the following classes in a European language.

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

ARMEN330 Adv Lang & Cult: Armenian -Adv Lang & Cult: Armenian 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CROAT321 Adv Grammar: Croatian -Advanced Grammar: Croatian 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH321 Adv Grammar: Czech - Advanced Grammar: Czech 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH202 2nd-Year Danish - 2nd-Year Danish 4.0

DANSH330 Advanced Danish -Advanced Danish 3.0

DUTCH321 Adv Grammar: Dutch- Advanced Grammar: Dutch 3.0

DUTCH330 Adv Lang & Cult: Dutch -Adv Lang & Cult: Dutch 3.0

ESTON330 Adv Lang & Cult: Estonian - Adv Lang & Cult: Estonian 3.0

FINN202 2nd Year Finnish - 2nd Year Finnish 4.0

FINN330 Advanced Finnish -Advanced Finnish 3.0

FREN202 Intermediate French, Part 2 - Intermediate French, Part 2 3.0

FREN321 Advanced French Part 1- Advanced French Part 1 3.0

GEORG330 Adv Lang & Cult: Georgian Adv Lang & Cult: Georgian

GERM202 2nd-Year German - 2nd-Year German 4.0

GERM301 German Cultural History - German Cultural History 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

ITAL202 Intermediate Italian 2 - Intermediate Italian 2 3.0

ITAL321 Advanced Language Part 1 - Advced Language Part 1 3.0

LATIN301 Classical Latin Poetry - Classical Latin Poetry 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATVI330 Cultural History of Latvia -Cultural History of Latvia 3.0

LITHU330 Cultural History of Lithuania – Cultural History of Lithuania 3.0

MACED330 Adv Lang Cultural: Macedonian - Adv Lang & Cult: Macedonian 3.0

M GRK330 Adv Lang & Cult: Modern Greek - Adv Lang & Cult: Modern Greek 3.0

NORWE202 2nd-Year Norwegian - 2nd-Year Norwegian 4.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT202 Port Reading & Comprehension - Port Reading & Comprehension 4.0

PORT321 3rd-Yr Port Read, Gram, & Cult -3rd Yr Port Read, Gram, & Cult 3.0

ROM330 Adv Lang & Cult: Romanian - Adv Lang & Cult 3.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 4.0

RUSS321 3rd Yr Russian, Part 1-3rd Yr Russian, Part 1 3.0

SLN321 Adv Grammar: Slovene -Advanced Grammar: Slovene 3.0

SLN330 Adv Lang & Cult: Slovene -Adv Lang & Cult: Slovene 3.0

SLOVK321 Adv Grammar: Slovak -Advanced Grammar: Slovak 3.0

SLOVK330 Adv Lang & Cult: Slovak – Adv Lang& Cult: Slovak 3.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN206 Intensive Span Skills Develop -Intensive Spanish Skills Development 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SRBIA321 Adv Grammar: Serbian –Advanced Grammar: Serbian 3.0

SRBIA330 Adv Lang & Cult: Serbian - Adv Lang & Cult: Serbian 3.0

SWED202 2nd-Year Swedish - 2nd-Year Swedish 4.0

SWED330 Advanced Swedish - Advanced Swedish 3.0

TURK330 Adv Lang & Cult: Turkish – Adv Lang & Cult: Turkish 3.0

UKRAI321 Adv Grammar: Ukrainian-Advanced Grammar: Ukrainian 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

WELSH202 Second-Year Welsh -Second Year Welsh 4.0

WELSH330 Adv Lang & Cult: Welsh - Adv Lang & Cult: Welsh 3.0

Requirement 2 — Complete 6 Courses

European Studies Core Courses:

EUROP200 Intro to European Studies - Intro to European Studies 3.0

EUROP320R European Lit, Art, and Culture - European Lit, Art, and Culture - *You may take once* 3.0

EUROP330 European Culture and Society - European Culture and Society 3.0

EUROP495 Sr Capstone in European St - Sr Capstone in European St 1.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Requirement 3 — Complete 1 of 4 Courses

POLI341 European Politics - European Politics 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

Requirement 4 — Complete 3 hours

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

Requirement 5 — Complete 3 hours

Complete 3.0 hours of an internship course or Study Abroad program that has a connection to Europe. Other internships/study abroad experiences may be substituted with approval from the European Studies program coordinator.

FREN399R Academic Internship - Academic Internship - *You may take once* 0.5v

GERM399R Academic Internship - Academic Internship - *You may take once* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

ITAL399R Academic Internship - Academic Internship - *You may take once* 0.5v

PORT399R Academic Internship - Academic Internship - *You may take once* 0.5v

RUSS399R Academic Internship - Academic Internship - *You may take once* 0.5v

SCAND399R Academic Internship - Academic Internship - *You may take once* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take once* 0.5v

Requirement 6 — Complete 1 of 2 Options

Choose and complete one of the following disciplinary tracks:

Option 6.1 — Complete 10 hours

Social Sciences Track:

Courses taken for other requirements in the major do not double count here.

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

ECON257 Intrnl Trade & Fin - Intrnl Trade & Fin 3.0

EUROP336R Soc Sciences: European Context - Soc Sciences: European Context - *You may take once* 0.5v

GEOG260 Europe - Europe 3.0

GEOG341 Political Geography - Political Geography 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

MSB430 Intro International Business - Intro International Business 3.0

MSB432 Business and Culture - Business and Culture 3.0

MSB596R Business Language - Business Language - *You may take once* 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI341 European Politics - European Politics 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH210 History of Psychology - History of Psychology 3.0

REL C352 Survey of Christianity - Survey of Christianity 2.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt- Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

Option 6.2 — Complete 10 hours

Humanities Track:

Courses taken for other requirements in the major do not double count here. Any other 300- or 400-level art history, film, humanities, literature, or philosophy course with a European emphasis may be substituted with approval from the European Studies program coordinator.

ALBAN330 Adv Lang & Cult: Albanian - Adv Lang & Cult: Albanian 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ARMEN330 Adv Lang & Cult: Armenian - Adv Lang & Cult: Armenian 3.0

ARTHC301 Women in Art - Women in Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC316 Art of the Medieval West - Art of the Medieval West 3.0

ARTHC320 Italian Renaissance - Italian Renaissance 3.0

ARTHC325 Northern Renaissance - Northern Renaissance 3.0

ARTHC329 Ren & Baroque Arch - Ren & Baroque Arch 3.0

ARTHC330 Southern Baroque Art - Southern Baroque Art 3.0

ARTHC337 18th-Century European Art - 18th-Century European Art 3.0

ARTHC340 19th C Europe Art - 19th C Europe Art 3.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CL CV110 Intro to Greek & Roman Lit - Intro to Greek & Roman Lit 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology 3.0

CL CV246 Golden Age of Rome - Golden Age of Rome 3.0

CL CV307 Roman History - Roman History 3.0

CROAT330 Adv Lang & Cult: Croatian - Adv Lang & Cult: Croatian 3.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANCE174 Irish Dance, Beginning - Irish Dance, Beginning 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANSH340 Danish Literature - Danish Literature 3.0

DUTCH330 Adv Lang & Cult: Dutch - Adv Lang & Cult: Dutch 3.0

ENGL232 Shakespeare - Shakespeare 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL291 British Literary History 1 - British Literary History 1 3.0

ENGL292 British Literary History 2- British Literary History 2 3.0

ENGL386R British Literature before 1800 - British Literature before 1800 - *You may take once* 3.0

ENGL387R British Literature after 1800 - British Literature after 1800 - *You may take once* 3.0

EUROP337R Humanities: European Context - Humanities: European Context - *You may take once* 0.5v

FINN330 Advanced Finnish - Advanced Finnish 3.0

FINN340 Finnish Literature - Finnish Literature 3.0

FREN202 Intermediate French, Part 2 - Intermediate French, Part 2 3.0

FREN317 French & Italian Cinema - French & Italian Cinema 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

FREN361 French Arts & Culture to 1715 - French Arts & Culture to 1715 3.0

FREN362 French Arts & Culture 1715- - French Arts & Culture 1715- 3.0

FREN363 Contemp. France, Francophone - Contemp. France, Francophone 3.0

GERM202 2nd-Year German - 2nd-Year German 4.0

GERM217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

GERM301 German Cultural History - German Cultural History 3.0

GERM302 Germany 20th Century - Germany 20th Century 3.0

GERM303 Germany Today - Germany Today 3.0

GERM340 Writing About Literature- Writing About Literature 3.0

GERM343 Intro to German Literature - Intro to German Literature 3.0

GERM346 German Art and Architecture - German Art and Architecture 3.0

GERM440R Topics in German Literature - Topics in German Literature - *You may take once* 3.0

GERM441R Topics in German Lit (English) - Topics in German Lit (English) - *You may take once* 3.0

GERM450 Hist of the German Language - Hist of the German Language 3.0

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

GWS350 Medieval Europe Women Writers - Medieval Europe Women Writers 3.0

GWS351 Early Mod Europ Women Writers- Early Mod Europ Women Writers 3.0

GWS352 Mod European Women Writers - Mod European Women Writers 3.0

GWS358 Women and World Cinema - Women and World Cinema 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

ICLND202 2nd Year Icelandic - 2nd Year Icelandic 4.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

ICS290R International Cinema- International Cinema - *You may take once* 1.5

ITAL202 Intermediate Italian 2 - Intermediate Italian 2 3.0

ITAL317 French & Italian Cinema - French & Italian Cinema 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

ITAL360 Italian Civilization to 1600 - Italian Civilization to 1600 3.0

ITAL361 Italian Civilization 1600-Pres - Italian Civilization 1600-Pres 3.0

ITAL446 Multicultural Italy - Multicultural Italy 3.0

ITAL449R Studies in Cultural History - Studies in Cultural History - *You may take once* 3.0

ITAL460 Dante's Divine Comedy - Dante's Divine Comedy 3.0

LATIN302 Classical Latin Prose - Classical Latin Prose 3.0

LATIN434 Plautus & Terence - Plautus & Terence 3.0

MUSIC101 Introduction to Music - Introduction to Music 3.0

MUSIC202 Civilization: Music 2 - Civilization: Music 2 3.0

NORWE202 2nd-Year Norwegian- 2nd-Year Norwegian 4.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

NORWE340 Norwegian Literature - Norwegian Literature 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

ROM330 Adv Lang & Cult: Romanian - Adv Lang & Cult: Romanian 3.0

RUSS202 2nd Year Russian Part 2 - 2nd Year Russian Part 2 5.0

RUSS303 Intermediate Russian Part 2 - Intermediate Russian Part 2 2.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

RUSS340 Russian Novel in English - Russian Novel in English 3.0

RUSS341 Dostoevsky - Dostoevsky 3.0

RUSS342 Tolstoy - Tolstoy 3.0

RUSS343 Masterpieces of Russian Film - Masterpieces of Russian Film 3.0

RUSS344 Russian Arts & Letters - Russian Arts & Letters 3.0

RUSS441 Russian Literature 1 - Russian Literature 1 3.0

RUSS442 Russian Literature 2 - Russian Literature 2 3.0

RUSS492R Senior Seminar - Senior Seminar - *You may take once* 2.0

SCAND217 German & Scandinavian Cinema - German & Scandinavian Cinema 3.0

SCAND429 Old Norse - Old Norse 3.0

SCAND490R Sem in Scandinavian Studies - Sem in Scandinavian Studies - *You may take once* 0.5v

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SPAN205 University Spanish 3 - University Spanish 3 4.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN341 Survey of Lit of Spain - Survey of Lit of Spain 3.0

SPAN345 Cultures of Spain - Cultures of Spain 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN448R 20th Century Lit - 20th Century Lit - *You may take once* 3.0

SRBIA330 Adv Lang & Cult: Serbian - Adv Lang & Cult: Serbian 3.0

SWED340 Swedish Literature - Swedish Literature 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

Latin American Studies (BA)

Program Information

Minimum Credit Hours
36

Maximum Credit Hours
60

Major Academic Plan
MAPS - BA in Latin American Studies 2026-2027.docx

Learning Outcomes

Title
Intellectually Enlarging

Learning Outcome
Latin American Studies students will be able to thoughtfully analyze historical and cultural artifacts, understand basic methodologies of humanities and social science research, and write persuasively about topics, questions, and arguments relating to significant historical events or cultural moments in Latin America.

Title
Character Building

Learning Outcome
Latin American Studies students will exhibit academic integrity and become skilled communicators able to think interdisciplinarily, interculturally, and with geographic particularity.

Title
Lifelong Learning and Service

Learning Outcome
Latin American Studies students will strive to become peacemakers and champions of human dignity who are able to connect with others and see across national, cultural, and linguistic divides.

Title
Spiritually Strengthening

Learning Outcome
Latin American students will develop empathy, love, and respect for God's children by gaining competency in and a lively appreciation of the history, culture, and politics of Latin American societies, as well as advanced proficiency in at least one of the major languages of the region.

Program Requirements
Courses do not double count between the different requirements sections in the major.

Requirement 1 —Complete 1 Course

LAS211 Intro Latin American Studies - Intro Latin American Studies 3.0

Requirement 2 —Complete 1 of 2 Options

Depending on language proficiency, students may need to complete lower-division language courses before enrolling in SPAN 321 or PORT 321.

For language placement and course sequence, see https://spanport.byu.edu/which-portuguese-class-should-i-start-with or https://spanport.byu.edu/which-spanish-class-should-i-take

Option 2.1 —Complete 2 Courses

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

Option 2.2 —Complete 2 Courses

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

Requirement 3 — Complete 3 of 4 Options

Social Science courses:

Option 3.1 —Complete 1 Course

GEOG255 Middle & South America - Middle & South America 3.0

Option 3.2 —Complete 1 of 2 Courses

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

Option 3.3 —Complete 1 of 2 Courses

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

Option 3.4 —Complete 1 of 3 Courses

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

Requirement 4 — Complete 2 of 10 Courses

Humanities courses:

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take once* 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

Requirement 5 — Complete 1 Course

LAS495 LAS Senior Seminar - LAS Senior Seminar 3.0

Requirement 6 — Complete 3 hours

Complete 3.0 hours of an internship course, a service learning course, or Study Abroad program. Internship students (field study, or service learning) will register for IAS 399R; Study Abroad programs should be in a Latin American venue, either Portuguese speaking or Spanish speaking.

IAS355R Model OAS - Model OAS - *You may take once* 3.0

IAS397R Topics in IAS - Topics in IAS - *You may take up to 3.0 credit hours* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PORT395R Contemporary Culture - Contemporary Culture - *You may take up to 3.0 credit hours* 0.5v

PORT399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

SPAN395R Contemporary Culture - Contemporary Culture - *You may take up to 3.0 credit hours* 0.5v

SPAN399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

Requirement 7 —Complete 6 hours

Elective courses (courses taken above will not double count): With prior approval from the program coordinator, FHSS 351 can be substituted when it focuses on Latino civil rights.

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

GEOG255 Middle & South America - Middle & South America 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST 359 - Inter-American Relations 3.0 - *This course is no longer offered*

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

IAS355R Model OAS - Model OAS - *You may take once* 3.0

IHUM260 Humanities of Latin America - Humanities of Latin America 3.0

LAS390R Special Topics for LAS - Special Topics for LAS - *You may take once* 3.0

MSB596R Business Portuguese - Business Portuguese - *You may take once* 3.0

MSB596R Business Spanish - Business Spanish - *You may take up once* 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take once* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

PORT325 Survey Luzo-Brazilian Ling - Survey Luzo-Brazilian Ling 3.0

PORT326 Phonetics & Pronunciation - Phonetics & Pronunciation 3.0

PORT330 Intro to Port & Brazilian Lit - Intro to Port & Brazilian Lit 3.0

PORT351 Survey of Lit of Brazil - Survey of Lit of Brazil 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

PORT438 Luso-Brazilian Cinema - Luso-Brazilian Cinema 3.0

PORT439R Luso-Braz Theat Pr - Luso-Braz Theat Pr - *You may take once* 3.0

PORT452 Machado de Assis - Machado de Assis 3.0

PORT453 20th-Century Brazilian Lit - 20th-Century Brazilian Lit 3.0

PORT457R Spec Topics Cultures Brazil - Spec Topics Cultures Brazil - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazil Lit - *You may take once* 3.0

PORT520 Adv Portuguese Grammar - Adv Portuguese Grammar 3.0

PORT521 Romance Philology - Romance Philology 3.0

PORT522 Hist of Portuguese Lang - Hist of Portuguese Lang 3.0

PORT529R Special Topics in Port Ling - Special Topics in Port Ling - *You may take once* 3.0

PORT599R Academic Internship - Academic Internship - *You may take up once* 1.0v

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SPAN325 Intro to Hispanic Linguistics - Intro to Hispanic Linguistics 3.0

SPAN326 Span Phonetics & Pronunciation - Span Phonetics & Pronunciation 3.0

SPAN330 Intro to Hispanic Literature - Intro to Hispanic Literature 3.0

SPAN351 Survey of Lit of Span America - Survey of Lit of Span America 3.0

SPAN355 Cultures of Spanish America - Cultures of Spanish America 3.0

SPAN395R Contemporary Culture - Contemporary Culture - *You may take once* 0.5v

SPAN423 Spanish Variation & Change - Spanish Variation & Change 3.0

SPAN425 Span & Engl Struct - Span & Engl Struct 3.0

SPAN438 Hispanic Cinema - Hispanic Cinema 3.0

SPAN450R Early Spanish-American Lit - Early Spanish-American Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

SPAN454R The Spanish-American Novel - The Spanish-American Novel - *You may take once* 3.0

SPAN455R Spanish-American Poetry - Spanish-American Poetry - *You may take once* 3.0

SPAN456R Spanish-American Drama - Spanish-American Drama - *You may take once* 3.0

SPAN457R Spec Topics Culture Span Amer - Spec Topics Culture Span Amer - *You may take once* 3.0

SPAN458R Hispanic-American Short Story - Hispanic-American Short Story - *You may take once* 3.0

SPAN459R Spec Topics in Span-Am Lit - Spec Topics in Span-Am Lit - *You may take once* 3.0

SPAN520 Problems in Spanish Grammar - Problems in Spanish Grammar 3.0

SPAN521 Romance Philology - Romance Philology 3.0

SPAN522 History of Spanish Language - History of Spanish Language 3.0

SPAN529R Spec Topics Span Linguistics - Spec Topics Span Linguistics - *You may take once* 3.0

Note: All Spanish and Portuguese courses may double count toward a minor or second major in Spanish or Portuguese. Please see the Department of Spanish and Portuguese for more information.

Ancient Near Eastern Studies (Minor)

Program Information

Minimum Credit Hours
20

Maximum Credit Hours
20

Program Requirements

Requirement 1 — Complete 3 Courses

Core courses:

ANES201 Introduction to ANES - Introduction to ANES 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

Requirement 2 — Complete 1 of 2 Options

Option 2.1 — Complete 3 Courses

Hebrew Bible

ANES301 Methods & Sources Hebrew Bible - Methods & Sources Hebrew Bible 3.0

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

Option 2.2 — Complete 3 Courses

Greek New Testament

ANES302 Methods & Sources Greek NT - Methods & Sources Greek NT 3.0

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek- First-Year Greek 4.0

Note: Students are encouraged to take Old and New Testament courses (REL A 211, REL A 212,REL A 301, REL A 302) offered by the Department of Ancient Scripture as part of their Religious Education elective requirements.

Africana Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Gain Factual Knowledge

Learning Outcome
Gain factual knowledge of the geography, history, politics, cultures, and social and family realities of the African continent and the African diaspora throughout the world.

Title
Theories and Methodologies

Learning Outcome
Learn and apply theories and methodologies from the major disciplines involved in the study of social and cultural issues related to Africa and the African diaspora, both past and present.

Title
Analysis

Learning Outcome
Analyze rigorously cultural, economic, historical, literary, political, social, and religious texts and sources to better comprehend how African and African-diasporic experiences have been, and continue to be, constructed and transmitted.

Title
Life-long Learning and Service

Learning Outcome
Develop life-long learning and service – Cultivate the curiosity and habits of thoughts that will lead to life-long learning about and continued contact with the peoples and cultures of Africa and the diaspora.

Title
Integrate Gospel Principles

Learning Outcome
Integrate gospel principles into the study of African and African-diasporic practices to strengthen personal testimony, deepen discipleship in harmony with prophetic guidance, and cultivate Christlike love for all of God's children.

Program Requirements

Requirement 1 — Complete 1 Course

IAS221 Intro to Africana Studies - Intro to Africana Studies 3.0

Requirement 2 — Complete 1 of 2 Options

Option 2.1 — Complete 6 hours

African Continent Core Courses

Note: ENGL 397R is offered with African content every winter semester.

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

IHUM244 Humanities of Africa - Humanities of Africa 3.0

POLI352 African Politics - African Politics 3.0

Option 2.2 — Complete 6 hours

African Diaspora Core Courses (African American, Afro-Brazilian, Afro-Caribbean, etc.)

CREOL340 Intro to Lit: Haitian-Creole - Intro to Lit: Haitian-Creole 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

Requirement 3 — Complete 9 hours

Complete 9 hours of electives. It is strongly recommended to take courses from multiple disciplines. (All R courses must have African or African Diaspora content. ENGL 236, ENGL 495, PORT 355, and SFL 354 must also have African or African Diaspora content. Students should consult with the Africana Studies faculty coordinator before adding these courses.)

Note: 4 hours of an African or African Diaspora Language course may be substituted here with the approval of the Africana Studies faculty coordinator.

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

CREOL340 Intro to Lit: Haitian-Creole - Introduction to Literature: Hatian-Creole 3.0

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

ENGL236 Studies in British Literature - Studies in British Literature 3.0

ENGL369R Transnational Lit before 1800 - Transnational Lit before 1800 - *You may take once* 3.0

ENGL370R Transnational Lit after 1800 - Transnational Literature after 1800 - *You may take once* 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL397R World Literatures in English - World Literatures in English - *You may take once* 3.0

ENGL495 Literary Studies Sr Capstone - Literary Studies Sr Capstone 3.0

FREN456R Francophone Studies - Francophone Studies - *You may take once* 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HLTH480 International Health - International Health 3.0

IAS300 Prof Dev International Studies - Professional Development in International Studies 1.0

IAS301R KC Lecture Series - Kennedy Center Lecture Series - You may take twice 1.0

IAS302R International Studies Seminar - Seminar in International Studies - You may take twice 1.0

IAS399R Academic Internship - Academic Internship - *You may take once* 0.5v

IAS491 Drctd Research Afr. Stud. Min. - Directed Research for Africana Studies Minor 3.0

IHUM244 Humanities of Africa - Humanities of Africa 3.0

IHUM390R Junior Seminar - Junior Seminar - *You may take once* 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

POLI352 African Politics - African Politics 3.0

PORT355 Cultures of Brazil - Cultures of Brazil 3.0

PORT431R African Portuguese Lit - African Portuguese Lit - *You may take once* 3.0

PORT459R Special Topics in Brazil Lit - Special Topics in Brazilian Literature 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Family and Human Development 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

General Studies (BGS): American Studies Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - American Studies 2026-2027.docx

Learning Outcomes

Title
American Politics

Learning Outcome
Recognize the interdependence of culture and politics in American life and history.

Title
American History

Learning Outcome
Demonstrate an understanding of the major events in American history such as its social political economic or literary aspects.

Title
American Culture

Learning Outcome
Demonstrate an understanding of the multifaceted nature of American culture and identity.

Title
BGS Learning Outcome - Aims of a BYU Education

Learning Outcome
Reflect on and describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service

Program Requirements
Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Prerequisite Course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skill 1.0

Requirement 2 —Complete 4 Courses

Core courses:

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

Requirement 3 —Complete 18 hours

A HTG100 American Heritage - American Heritage 3.0

ENGL293 American Literary History - American Literary History 3.0

ENGL 336 - The American Novel - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 361 - American Lit 1800 - 1865 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 362 - American Lit 1865 - 1914 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ENGL 363 - American Lit 1914-1960 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

GEOG250 US and Canada - US and Canada 3.0

HIST364 Utah - Utah 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

REL C341 JS & Restoration 1805-1845 - JS & Restoration 1805-1845 2.0

REL C342 Pioneers, Conflict, and Growth - Pioneers & Persecution 1846-99 2.0

REL C343 Modern Church 1900-Present - Modern Church 1900-Present 2.0

Requirement 4 —Complete 1 Course

Complete a capstone course (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Middle East Studies / Arabic (BA)

Program Information

Minimum Credit Hours
62

Maximum Credit Hours
70

Major Academic Plan
MAPS - BS in Middle East Studies Arabic 2026-2027.docx

Learning Outcomes

Title
Critical Reasoning

Learning Outcome
Demonstrate rigorous deductive and inductive reasoning in assessing arguments and evidence

Title
Analytical and Persuasive Writing

Learning Outcome
Write clearly logically and persuasively in both short and long formats

Title
Oral Communication

Learning Outcome
Verbally present clear logical and persuasive arguments and engage in effective dialogues with others

Title
Research Design and Practice

Learning Outcome
Use appropriate disciplinary methods to answer relevant questions through effective research design and original research

Title
International and Regional Understanding

Learning Outcome
Understand the historical literary religious geographic social and political contexts of the modern Middle East and its relationship to other world regions

Title
Arabic Language Comprehension

Learning Outcome
Understand contemporary written and oral Arabic language sources at the ACTFL advanced level

Title
Arabic Language Communication

Learning Outcome
Speak and write Arabic at the ACTFL advanced level

Title
Cultural Proficiency and Appreciation

Learning Outcome
Effectively navigate the cultures of the Middle East with curiosity empathy and respect

Title
Professional Preparation

Learning Outcome
Demonstrate skills of resilience collaboration and leadership in preparation for a future career

Program Requirements

Students should plan to take courses in this order: language prerequisites, core major courses, track requirements in either History and Culture or Social Sciences, Arabic study abroad, and finally the Senior Seminar and track electives.

Students majoring in Middle East Studies/Arabic cannot also earn a minor in Arabic, but they are encouraged to add a secondary major in Arabic Language. Students with a secondary major in Arabic Language may not use the same 400-level upper-division Arabic courses for both majors. Only lower-division Arabic courses, including those taken during study abroad, may count toward both majors.

Requirement 1 — Complete 2 Courses

Complete the following language prerequisite courses or equivalent.

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

Requirement 2 — Complete 5 Courses

Complete the following core curriculum:

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

ARAB202 Intermediate Arabic - Intermediate Arabic 4.0

MESA201 Intro to Middle East Studies - Intro to Middle East Studies 3.0

MESA250 Intro to Religion of Islam - Intro to Religion of Islam 3.0

MESA300 Professional Development - Professional Development 1.0

Requirement 3 — Complete 16 hours

Complete the one-semester Study Abroad program in the Arab world, which includes the following Arabic language courses:

ARAB211R 2nd-Year Conversation - 2nd-Year Conversation - *You may take once* 2.0

ARAB300 Adv Modern Standard Arabic - Adv Modern Standard Arabic 4.0

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

ARAB311R 3rd-Year Conversation - 3rd-Year Conversation - *You may take once* 1.0v

ARAB331 Spoken Arabic - Egyptian - Spoken Arabic - Egyptian 4.0

Requirement 4 — Complete 1 Course

Complete a senior seminar in Middle Eastern Studies. (Note: This course should be taken after returning from the semester abroad. Choose a senior seminar section on a topic appropriate to your track specialization when available.)

MESA495 Sr Sem in Middle East Studies - Sr Sem in Middle East Studies 3.0

Requirement 5 — Complete 1 of 2 Options

Choose and complete one of the following disciplinary tracks:

Option 5.1 — Complete 5 Requirements

History and Culture track:

Requirement 5.1.1 — Complete 4 Courses

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take once* 2.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

Requirement 5.1.2 — Complete 2 hours

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

Requirement 5.1.3 — Complete 1 of 3 Courses

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

HIST200 Historian's Craft - Historian's Craft 3.0

IHUM311 Adv Wrtg in Comp Arts & Hum - Adv Wrtg in Comp Arts & Hum 3.0

Requirement 5.1.4 — Complete 1 of 2 Courses

ARAB361 Modern Arab Lit in Translation - Modern Arab Lit in Translation 3.0

ARAB362 Med Arab Lit Trans - Med Arab Lit Trans 3.0

Requirement 5.1.5 — Complete 10 hours

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ARAB361 Modern Arab Lit in Translation - Modern Arab Lit in Translation 3.0

ARAB362 Med Arab Lit Trans - Med Arab Lit Trans 3.0

ARAB377 Arabic Lang Teaching Methods - Arabic Lang Teaching Methods 3.0

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take once* 1.0v

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB425R Classical Arabic Texts - Classical Arabic Texts - *You may take 2 times* 2.0

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take once* 1.0v

GEOG271 Middle East - Middle East 3.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST335 Crusades - Crusades 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

IAS354R Model Arab Lg Prep - Model Arab Lg Prep - *You may take once* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

IHUM350 Interpretation of Lit & Arts - Interpretation of Lit & Arts 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

MESA320 The Qur'an in English - The Qur'an in English 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

MESA380 Middle Eastern Field Studies - Middle Eastern Field Studies 1.0

MESA399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

MESA467R Topics in Middle East Studies - Topics in Middle East Studies - *You may take once* 0.5v

PERSI201 Second-Year Persian - Second-Year Persian 4.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

Note 1: Arab 361 and 362 can only be taken for elective credit if they are not used to satisfy the core track credit requirement.

Note 2: Arab 424R and 425R can each be taken up to two times with different content, including in fulfilling the core track requirement.

Note 3: Students can receive no more than 3 total internship credit hours to satisfy this requirement.

Option 5.2 — Complete 5 Requirements

Social Sciences track:

Requirement 5.2.1 — Complete 5 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GEOG271 Middle East - Middle East 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

POLI200 Political Inquiry - Political Inquiry 4.0

POLI357 Middle East Politics - Middle East Politics 3.0

Requirement 5.2.2 — Complete 2 hours

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

Requirement 5.2.3 — Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 5.2.4 — Complete 2 hours

ARAB411R Adv Formal Arabic Conversation - Adv Formal Arabic Conversation - *You may take once* 1.0v

ARAB422R Advanced Spoken Arabic - Advanced Spoken Arabic - *You may take once* 2.0

ARAB423R Current Events in Arabic - Current Events in Arabic - *You may take once* 2.0

ARAB424R Modern Arabic Literature - Modern Arabic Literature - *You may take 2 times* 2.0

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARAB495R Directed Studies in Arabic - Directed Studies in Arabic - *You may take once* 1.0v

Requirement 5.2.5 — Complete 6 hours

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

GEOG341 Political Geography - Political Geography 3.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

IAS354R Model Arab Lg Prep - Model Arab Lg Prep - *You may take once* 0.5v

IAS399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

LING452 Intro to Sociolinguistics - Intro to Sociolinguistics 3.0

MESA320 The Qur'an in English - The Qur'an in English 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

MESA380 Middle Eastern Field Studies - Middle Eastern Field Studies 1.0

MESA399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

MESA467R Topics in Middle East Studies - Topics in Middle East Studies - *You may take once* 0.5v

PERSI201 Second-Year Persian - Second-Year Persian 4.0

POLI300 Statistical Analysis - Statistical Analysis 4.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 3.0 credit hours* 1.0v

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

Note 1: Students can receive no more than 3 total internship credit hours to satisfy this requirement.

Note 2: Relevant POLI 359R courses can be taken for credit with permission.

Note 3: POLI 300 is strongly recommended for those pursuing careers involving research or analysis.

Note 4: Only one course of either Turkish or Persian will count.

International Relations (BA)

Program Information

Minimum Credit Hours
61

Maximum Credit Hours
87

Major Academic Plan
MAPS - BA in International Relations 2026-2027.docx

Learning Outcomes

Title
Factual Knowledge

Learning Outcome
Demonstrate factual knowledge of important international trends and events related to politics economics geography and history.

Title
Analyzing International Affairs

Learning Outcome
Analyze international affairs by using theoretical concepts and ideas from more than one IR-related discipline.

Title
Writing Effectively

Learning Outcome
Communicate effectively in writing and in speech.

Title
Critical and Analytical Thinking

Learning Outcome
Think critically and analytically about international problems and events and synthesize concepts information and experiences from different disciplines relevant to international affairs.

Title
Analysis and Research

Learning Outcome
Employ appropriate methods of analysis and research both qualitative and quantitative to provide sophisticated analyses and clear logical arguments relating to important questions about international relations.

Program Requirements

Courses cannot double count between the different requirements in the major unless otherwise noted. Students majoring in International Relations may not pursue minors in Economics, Political Science, or International Strategy and Diplomacy because of the course overlap between International Relations and those minors.

Requirement 1 — Complete 1 of 2 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 — Complete 1 of 2 Courses

POLI170 Intro International Politics - Intro International Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 3 — Complete 4 Courses

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

MATH112 Calculus 1 - Calculus 1 4.0

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 — Complete 1 of 2 Courses

STDEV 317 and STDEV 318 may be substituted here.

ECON210 Career Prep - Career Prep 1.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Requirement 5 — Complete 1 of 2 Options

Option 5.1 — Complete 2 Courses

Note: ECON 388 can double count for an elective under specialization track 12.2 or 12.7.

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

Option 5.2 — Complete 1 Course

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 6 — Complete 2 Courses

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

Requirement 7 — Complete 1 of 6 Courses

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

Requirement 8 — Complete 2 of 14 Courses

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

Requirement 9 — Complete 1 of 6 Courses

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

Requirement 10 — Complete 1 of 5 Courses

Only MESA 495, POLI 350, or POLI 370 can fulfill the GE Advanced Written and Oral Communication requirement when coupled with Poli 200. Students may complete POLI 350 or POLI 370 before their senior year.

ASIAN495 Capstone in Asian Studies - Capstone in Asian Studies 1.0

LAS495 LAS Senior Seminar - Senior Seminar 3.0

MESA495 Sr Sem in Middle East Studies - Sr Sem in Middle East Studies 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 11 — Complete 1 of 30 Courses

Achieve proficiency in a modern foreign language. In addition to the courses listed below, students can fulfill this requirement with a 330-level language course in dozens of other less commonly taught languages. Visit the Kennedy Center Advisement Office (273 HRCB) or the IR program website (https://kennedy.byu.edu/international-relations) for a current list of approved substitutes. See the Center for Language Studies website (https://cls.byu.edu/) for course availability. International students who speak English as a second language should visit the Kennedy Center Advisement Office to have this requirement waived.

ARAB302 Newspaper Arabic - Newspaper Arabic 4.0

BULGN330 Cultural History of Bulgaria - Cultural History of Bulgaria 3.0

CHIN302 Advanced Mandarin - Advanced Mandarin 4.0

CZECH330 Cultural History of Czech - Cultural History of Czech 3.0

DANSH330 Advanced Danish - Advanced Danish 3.0

DUTCH330 Adv Lang & Cult: Dutch - Adv Lang & Cult: Dutch 3.0

FINN330 Advanced Finnish - Advanced Finnish 3.0

FREN321 Advanced French Part 1 - Advanced French Part 1 3.0

FREN340 Intro to Literary Analysis - Intro to Literary Analysis 3.0

GERM301 German Cultural History - German Cultural History 3.0

HUNG330 Cultural History of Hungary - Cultural History of Hungary 3.0

ICLND429 Old Icelandic Lang &Literature - Old Icelandic Lang &Literature 3.0

INDON330 Adv Lang & Cult: Indonesian - Adv Lang & Cult: Indonesian 3.0

ITAL321 Advanced Language Part 1 - Advanced Language Part 1 3.0

ITAL340 Intro to Italian Literature - Intro to Italian Literature 3.0

JAPAN321 Advanced 1: Current Events - Advanced 1: Current Events 3.0

KOREA302 Third-Year Korean 2 - Third-Year Korean 2 4.0

NORWE330 Advanced Norwegian - Advanced Norwegian 3.0

POLSH330 Cultural History of Poland - Cultural History of Poland 3.0

PORT321 3rd-Yr Port Read, Gram, & Cult - 3rd-Yr Port Read, Gram, & Cult 3.0

ROM330 Adv Lang & Cult: Romanian - Adv Lang & Cult: Romanian 3.0

RUSS321 3rd Yr Russian, Part 1 - 3rd Yr Russian, Part 1 3.0

RUSS330 Cultural History of Russia - Cultural History of Russia 3.0

SPAN321 3rd-Yr Span Read, Gram, & Cult - 3rd-Yr Span Read, Gram, & Cult 3.0

SWED330 Advanced Swedish - Advanced Swedish 3.0

TAGAL330 Adv Lang & Cult: Tagalog - Adv Lang & Cult: Tagalog 3.0

THAI330 Adv Lang & Cult: Thai - Adv Lang & Cult: Thai 3.0

TWI330 Adv Lang & Cult: Twi - Adv Lang & Cult: Twi 3.0

UKRAI330 Cultural History of Ukraine - Cultural History of Ukraine 3.0

VIET330 Adv Lang & Cult: Vietnamese - Adv Lang & Cult: Vietnamese 3.0

Requirement 12 — Complete 1 of 8 Options

Specializations: Choose and complete one of the following tracks. Courses above cannot double count for any specialization track unless otherwise noted. With the prior approval of the International Relations faculty coordinator, a student may use 3 hours of IAS 399R (any semester/term) or IAS 351R (winter semester only) toward their specialization track.

Option 12.1 — Complete 4 of 19 Courses

International Politics Track. Students are strongly encouraged to take at least one history course and one political science course.

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

COMMS381 International Media Systems - International Media Systems 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

GEOG341 Political Geography - Political Geography 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

Option 12.2 — Complete 4 of 12 Courses

Political Economy Track. Students are strongly encouraged to take at least two economics courses and one course from another discipline. Students should take ECON 378/388 to fulfill Requirement 5. ECON 388 will double count to fulfill one course in this track. POLI 304 may substitute for ECON 478.

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

GEOG331 Economic Geography - Economic Geography 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

Option 12.3 — Complete 4 of 14 Courses

Asian Politics and History Track. Students are strongly encouraged to take at least one history course and one political science course.

ANTHR348 Contemporary Japan - Contemporary Japan 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

Option 12.4 — Complete 4 of 8 Courses

Latin American Politics and History Track. Students are strongly encouraged to take at least one history course and one political science course.

GEOG255 Middle & South America - Middle & South America 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

Option 12.5 — Complete 4 of 10 Courses

Middle Eastern Politics and History Track. Students are strongly encouraged to take at least one history course. Note: HIST 242 and HIST 243 do not substitute here.

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

GEOG271 Middle East - Middle East 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

Option 12.6 — Complete 4 of 17 Courses

European Politics and History Track. Students are strongly encouraged to take at least one history course and one political science course.

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST318 European Women's History - European Women's History 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

POLI341 European Politics - European Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

Option 12.7 — Complete 2 Requirements

Economic and Political Development Track. Complete ECON 431 and 3 additional courses. Students are strongly encouraged to take at least one political science course. Students should take ECON 378/388 to fulfill Requirement 5.

Requirement 12.7.1 — Complete 1 Course

Note: ECON 431 cannot be double-counted for the 400-level economics course in the core in Requirement 7.

ECON431 Economic Development - Economic Development 3.0

Requirement 12.7.2 — Complete 3 of 19 Courses

Note: ECON 388 will double count to fulfill one course in this track.

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

GEOG331 Economic Geography - Economic Geography 3.0

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

Option 12.8 — Complete 4 of 9 Courses

African Politics and History Track.

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

POLI352 African Politics - African Politics 3.0

Middle East Studies (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
24

Program Requirements

Requirement 1 — Complete 1 Course

MESA201 Intro to Middle East Studies - Intro to Middle East Studies 3.0

Requirement 2 — Complete 1 of 4 Options

Complete one of the following language requirement options (or equivalent):

Option 2.1— Complete 3 Courses

ARAB101 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB102 1st-Year Arabic - 1st-Year Arabic 4.0

ARAB201 2nd-Year Arabic - 2nd-Year Arabic 4.0

Option 2.2— Complete 3 Courses

HEB101 1st-Year Modern Hebrew 1 - 1st-Year Modern Hebrew 1 4.0

HEB102 1st-Year Modern Hebrew 2 - 1st-Year Modern Hebrew 2 4.0

HEB201 2nd-Year Modern Hebrew 1 - 2nd-Year Modern Hebrew 1 4.0

Option 2.3— Complete 3 Courses

PERSI101 First-Year Persian - First-Year Persian 4.0

PERSI102 First-Year Persian - First-Year Persian 4.0

PERSI201 Second-Year Persian - Second-Year Persian 4.0

Option 2.4— Complete 3 Courses

TURK101 First-Year Turkish - First-Year Turkish 4.0

TURK102 First-Year Turkish - First-Year Turkish 4.0

TURK201 Second-Year Turkish - Second-Year Turkish 4.0

Requirement 3 — Complete 3 Courses

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

GEOG271 Middle East - Middle East 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

IHUM242 Intro to Humanities of Islam - Intro to Humanities of Islam 3.0

MESA250 Intro to Religion of Islam - Intro to Religion of Islam 3.0

MESA350 Islam in Contemporary Society - Islam in Contemporary Society 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

Ancient Near Eastern Studies (BA): Greek New Testament Emphasis

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
60

Major Academic Plan

MAPS - BA in Ancient Near Eastern Studies Greek New Testament 2026-2027.docx

Learning Outcomes

Title
Academics and Faith

Learning Outcome
Develop the ability to consider the relationship between academics and faith through models of academically sound but also faithful scholarship. Seek a spiritually informed, lifelong pursuit of learning, scholarship, and service.

Title
History and Culture of Ancient Near East

Learning Outcome
Learn and be able to interpret the significant events and developments in the history and cultures of the ancient Near East, including the history and culture of ancient Israel and surrounding civilizations, particularly during the Hellenistic, Roman, and early Christian eras.

Title
Ancient Text Interpretation

Learning Outcome
Be able to translate and interpret major ancient Near Eastern texts, especially the Greek New Testament, and analyze those texts within the contexts of Second Temple Judaism, the Hellenistic World, and the Roman Empire. Acquire proper hermeneutical skills and practice sound exegesis as well as learn how to do modern readings, including readings from a Latter-day Saint perspective.

Title
Language Proficiency

Learning Outcome
Acquire and demonstrate functional capacity in the languages and textual interpretation of the Greek New Testament, being able to read, translate, comprehend, analyze, and interpret these significant religious and historical texts with methodological soundness.

Title
Critical Thinking

Learning Outcome
Develop the capacity for informed, independent, critical thinking, be able to perform appropriate library and online scholarly research, and use these skills in the professional study of the ancient Near East and early Christianity.

Title
Analytical Writing

Learning Outcome
Be able to write cogent and substantial research papers on a university level that utilize theoretical and methodological approaches from the Social Sciences and Humanities that integrate historical and artifactual analysis with the translation, analysis and interpretation of ancient Near Eastern texts and topics.

Title
Academic Integrity

Learning Outcome
Understand and comply with the ethical standards adhered to by professionals in the academic fields of textual analysis, archaeology, and historical research and encouraged to follow them.

Program Requirements

Requirement 1 — Complete 2 Requirements

Requirement 1.1 — Complete 7 Courses

ANES201 Introduction to ANES - Introduction to ANES 3.0

ANES302 Methods & Sources Greek NT - Methods & Sources Greek NT 3.0

ANES311 Mat Culture of Roman Near East - Mat Culture of Roman Near East 3.0

ANES332 Rdngs in Classical NE Texts - Rdngs in Classical NE Texts 3.0

CL CV363 Judaism & Christianity in N E - Judaism & Christianity in N E 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

Requirement 1.2 — Complete 1 of 2 Courses

ANES430R Adv Topics in ANES - Adv Topics in ANES - *You may take once* 3.0

CLSCS430R Topics: Greek & Roman History - Topics: Greek & Roman History - *You may take once* 3.0

Requirement 2 —Complete 3 Courses

ANES395 Junior Seminar in ANES - Junior Seminar in ANES 3.0

ANES495 Senior Capstone in ANES - Senior Capstone in ANES S 2.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Requirement 3 —Complete 4 Courses

GREEK101 First-Year Greek - First-Year Greek 4.0

GREEK102 First-Year Greek - First-Year Greek 4.0

GREEK201 Intermediate Greek - Intermediate Greek 4.0

GREEK302 Classical Greek Prose - Classical Greek Prose 3.0

Requirement 4 — Complete 3 of 4 Courses

GREEK301 Classical Greek Poetry - Classical Greek Poetry 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take 3 times* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take 3 times* 3.0

GREEK411R Greek NT & Christian Texts - Greek NT & Christian Texts - *You may take 3 times* 3.0

Requirement 5 —Complete 6 hours

Courses taken for other requirements in the major do not double count here. Additional ANES, Greek, or Hebrew courses may be substituted here with the approval of the ANES program coordinator.

ANES301 Methods & Sources Hebrew Bible - Methods & Sources Hebrew Bible 3.0

ANES353R Archaeological Fieldwork in NE - Archaeological Fieldwork in NE - *You may take once* 1.0v

ANES430R Adv Topics in ANES - Adv Topics in ANES - - *You may take 2 times* 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ARTHC304 Greek Art - Greek Art 3.0

ARTHC306 Roman Art - Roman Art 3.0

ARTHC310 Early Christian&Byzantine Art - Early Christian&Byzantine Art 3.0

CL CV241 Greek&Roman Mythology - Greek&Roman Mythology3.0

CL CV304 Greek History - Greek History 3.0

CL CV307 Roman History - Roman History 3.0

CL CV310 Classical Archaeology - Classical Archaeology 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

NE LG345 Texts & Ancient Temples - Texts & Ancient Temples 3.0

NE LG511R Studies in Anc Near East Lang - Studies in Anc Near East Lang - *You may take 3 times* 0.5v

NES336R Ancient Near Eastern Studies - Ancient Near Eastern Studies - *You may take once* 1.5v

Note: Students are encouraged to take Old and New Testament courses (REL A 211, REL A 212, REL A 301, REL A 302) offered by the Department of Ancient Scripture as part of their Religious Education elective requirements

Ancient Near Eastern Studies (BA): Hebrew Bible Emphasis

Program Information

Minimum Credit Hours
63

Maximum Credit Hours
63

Major Academic Plan
MAPS - BA in Ancient Near Eastern Studies Hebrew Bible 2026-2027.docx

Learning Outcomes

Title
Academics and Faith

Learning Outcome
Develop the ability to consider the relationship between academics and faith through models of academically sound but also faithful scholarship. Seek a spiritually informed, lifelong pursuit of learning, scholarship, and service.

Title
History and Culture of Ancient Near East

Learning Outcome
Learn and be able to interpret the significant events and developments in the history and cultures of the ancient Near East, including the history and culture of ancient Israel and surrounding civilizations, e.g., Egypt, Greater Syria, and Mesopotamia.

Title
Ancient Text Interpretation

Learning Outcome
Be able to translate and interpret major ancient Near East texts, including the Hebrew Bible, and analyze their significance for understanding the cultures that produced them. They will also learn proper hermeneutical skills and practice sound exegesis as well as learn how to do modern readings, including readings from a Latter-day Saint perspective.

Title
Language Proficiency

Learning Outcome
Acquire and demonstrate functional capacity in Hebrew and textual interpretation of the Hebrew Bible, being able to read, comprehend, analyze, and interpret these significant religious and historical texts with methodological soundness. Students are also encouraged to gain exposure to other pertinent ancient languages (e.g., Aramaic, Ugaritic, Syriac, Greek) and modern research languages (such as German, French, and Modern Hebrew).

Title
Critical Thinking

Learning Outcome
Develop the capacity for informed, independent, critical thinking, be able to perform appropriate library and online scholarly research, and use these skills in the professional study of the ancient Near East.

Title
Analytical Writing

Learning Outcome
Be able to write cogent and substantial research papers on a university level that utilize theoretical and methodological approaches from the Social Sciences and Humanities that integrate historical and artifactual analysis with the translation, analysis and interpretation of ancient Near Eastern texts and topics.

Title
Academic Integrity

Learning Outcome
Understand and comply with the ethical standards adhered to by professionals in the academic fields of textual analysis, archaeology, and historical research and encouraged to follow them.

Program Requirements

Requirement 1 — Complete 8 Courses

ANES201 Introduction to ANES - Introduction to ANES 3.0

ANES301 Methods & Sources Hebrew Bible - Methods & Sources Hebrew Bible 3.0

ANES310 Mat Culture of Ancient Israel - Mat Culture of Ancient Israel 3.0

ANES331 Rdngs in ANE Texts to 330 BC - Rdngs in ANE Texts to 330 BC 3.0

ANES363 Hebrew Bible Studies - Hebrew Bible Studies 3.0

ANES430R Adv Topics in ANES - Adv Topics in ANES 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

Requirement 2 —Complete 1 of 3 Courses

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

Requirement 3 —Complete 3 Courses

ANES395 Junior Seminar in ANES - Junior Seminar in ANES 3.0

ANES495 Senior Capstone in ANES - Senior Capstone in ANES 2.0

IAS300 Prof Dev International Studies - Prof Dev International Studies 1.0

Requirement 4 —Complete 7 Courses

HEB131 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB132 1st-Year Biblical Hebrew - 1st-Year Biblical Hebrew 4.0

HEB231 2nd Yr Hebrew - 2nd Yr Hebrew 4.0

HEB232 2nd-yr Biblical Heb Narrative - 2nd-yr Biblical Heb Narrative 4.0

HEB331 3rd-yr Biblical Hebrew 1 - 3rd-yr Biblical Hebrew 1 3.0

HEB332 3rd-yr Biblical Hebrew 2 - 3rd-yr Biblical Hebrew 2 3.0

HEB432R Ancient Hebrew Texts - Ancient Hebrew Texts - *You may take once* 2.0

Requirement 5 —Complete 6 hours

Courses taken for other requirements in the major do not double count here. Additional ANES, Greek, or Hebrew courses may be substituted here with the approval of the ANES program coordinator.

ANES302 Methods & Sources Greek NT - Methods & Sources Greek NT 3.0

ANES353R Archaeological Fieldwork in NE - Archaeological Fieldwork in NE - *You may take once* 1.0v

ANES430R Adv Topics in ANES - Adv Topics in ANES - *You may take 2 times* 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

HIST 334 - History of Ancient Iraq 3.0 - *This course is no longer offered*

IAS301R KC Lecture Series - KC Lecture Series 1.0

NE LG345 Texts & Ancient Temples - Texts & Ancient Temples 3.0

NE LG511R Studies in Anc Near East Lang - Studies in Anc Near East Lang - *You may take 3 times* 0.5v

NES336R Ancient Near Eastern Studies - Ancient Near Eastern Studies - *You may take once* 1.5v

Note: Students are encouraged to take Old and New Testament courses (REL A 211, REL A 212, REL A 301, REL A 302) offered by the Department of Ancient Scripture as part of their Religious Education elective requirements.

Global Environmental Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Global Environmental Issues

Learning Outcome
Students will be able to articulate the cultural and scientific underpinnings of prevailing global environmental issues and evaluate policy proposals.

Title
Critical Reasoning

Learning Outcome
Students will understand principles of cause and effect and be able to synthesize key findings from academic research on environmental issues from multiple disciplines.

Title
Scientific Principles and Methods

Learning Outcome
Students will effectively use the scientific method to interpret data from experimental observations and communicate discoveries in written and verbal formats.

Title
The Environment and Culture

Learning Outcome
Students will develop competencies to work sensitively across cultural contexts in order to find local cultural solutions to environmental challenges.

Title
Environmental Stewardship and Civic Involvement

Learning Outcome
Students will foster and promote environmental stewardship within their own communities.

Program Requirements

Some courses may also fulfill GE requirements. Some optional courses to complete the minor may have prerequisites.

Requirement 1 —Complete 3 hours

Introduction

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

Requirement 2 —Complete 9 hours

Disciplinary Foundations

Requirement 2.1 —Complete up to 6 hours

SCIENCE COURSES

BIO120 Field Biology- Field Biology 3.0

BIO130 Biology- Biology 4.0

BIO220 Biological Diversity: Animals- Biological Diversity: Animals 4.0

BIO230 Biological Diversity: Plants- Biological Diversity: Plants 4.0

BIO235 Field Botany - Field Botany 3.0

BIO350 Ecology - Ecology 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

GEOG101 Global Environment - Global Environment 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

GEOL107 Water Planet- Water Planet 3.0

GEOL108 Climate & the Earth System - Climate & the Earth System 3.0

GEOL230 Earth Data Vis- Earth Data Visualization 3.0

GEOL445 Geochemistry- Geochemistry 3.0

GEOL535 Contaminant Hydrogeology-Containment Hydrogeology 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH426 Environmental Toxicology- Environmental Toxicology 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS220 Trees - Trees 3.0

PWS282 Soil Science - Soil Science 3.0

PWS320 Sustainable Plant Systems - Sustainable Plant Systems 3.0

PWS350 Rangeland and Wildlife Ecology - Rangeland and Widlife Ecology 3.0

PWS420 Intl Agricultural Development - Intl Agricultural Development 3.0

Requirement 2.2 —Complete up to 6 hours

THE HUMAN DIMENSION COURSES

As the topics of 'R' courses are variable, students should approve the section topic of these courses with the program director before enrollment.

BIO370 Bioethics - Bioethics 2.0

CFM333 Sustainable Design & Arch- Sustainable Design in the Built Environment 3.0

ENGL330R Spec Topics in Creative Wrtg - Special Topics in Creative Writing 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG306 Public Lands: Planning & Mgmt- Public Lands: Planning & Mgmt 3.0

HIST290 Nature & History - Nature & History 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

IAS220 Intro Devel Stu- Introduction to Development Studies 3.0

IAS300 Prof Dev International Studies- Professional Development in International Studies 1.0

IAS301R KC Lecture Series- Kennedy Center Lecture Series -You make take up to two times 1.0

IAS302R International Studies Seminar –Seminar in International Studies -You may take up to two times 1.0

IHUM280R Sophomore Seminar - Sophomore Seminar in Interdisciplinary Humanities - *You may take once* 3.0

GCI300 Social Impact- Social Impact: Do Good Better 3.0

GCI320 Implementing Social Impact- Implementing Social Impact 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

PWS385 Terrestrial Policies and Laws - Terrestrial Policies and Laws 3.0

SOC340 Soc of International Develpmnt- Sociology of International Development 3.0

Requirement 3 —Complete 3 hours

Elective Courses. A course taken on this list cannot be used to meet requirement 2. As the topics of 'R' courses are variable, students should approve the section topic of these courses with the program director before enrollment.

Internship or experiential learning credit that has environmental content can be used to meet this requirement with the approval of the Global Environmental Studies program director.

BIO430 Plant Classif. & Identif. - Plant Classif. & Identif. 4.0

BIO441 Entomology - Entomology 4.0

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO452 Marine Biology - Marine Biology 4.0

BIO455 Plant Ecology - Plant Ecology 3.0

BIO470 History&Philosophy of Biology-History and Philosophy of Biology 3.0

BIO550 Behavioral Ecology- Behavioral Ecology 3.0

BIO557 Stream & Wetland Ecology- Stream and Wetland Ecology 3.0

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CBE311 CBE - Health, Safety, Environ - CBE - Health, Safety, Envir 3.0

CBE433 Energy Engineering - Energy Engineering 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ENGL317R Writing Creative Nonfiction - Writing Creative Nonfiction - *You may take once* 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG304 Climate & Society - Climate & Society 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG423 Planning for Unique Lands - Planning for Unique Lands 2.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater- Groundwater 3.0

GEOL550 Environmental Soil Chemistry - Environmental Soil Chemistry 3.0

IHUM490R Seminar in the Humanities - Seminar in the Humanities - *You may take once* 3.0

ME EN321 Thermodynamics - Thermodynamics 3.0

PHIL413R Environmental Ethics - Environmental Ethics - *You may take once* 3.0

PWS405 Environmental Chemistry Lab - Environmental Chemistry Lab 2.0

PWS419 Forest Measures, Manage & Ecol - Forest Measures, Manage & Ecol 3.0

PWS480 Environmental Capstone - Environmental Capstone 3.0

Requirement 4 —Complete 3 hours

Capstone. Prior to taking this course, students are recommended to take at least one 300-level course or higher among the options in requirement 2 or 3.

GES490 Global Enviro Studies Capstone - Global Enviro Studies Capstone 3.0

American Studies (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
17

Program Requirements

Minors should begin course work by taking Am St 303 fall semester. Course substitutions may only be made with written, prior permission of the American Studies coordinator. Courses do not double count between the different requirement sections within the minor.

Requirement 1 — Complete 1 Course

AM ST303 Intro American Studies - Intro American Studies 3.0

Requirement 2 — Complete 1 of 3 Options

Option 2.1 — Complete 2 Requirements

Religious Lives, Liberties, & Histories Track

ENGL 357R, ENGL 388R, GWS 337R, and HIST 390R, must focus, to some degree, on religious life, liberties, and histories of the United States.

Option 2.1.1 — Complete 2 hours

REL C351 World Religions - World Religions 2.0

Option 2.1.2 — Complete 12 hours

Option 2.1.2.1 — Complete up to 12 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS482 Religion, Media, and Society - Media and World Religions 3.0

ENGL268 Literature of the LDS - Literature of the LDS 3.0

ENGL357R Literature, Ethics, and Values - Literature, Ethics, and Values - *You may take once* 3.0

ENGL368 Lit of the Latter-day Saints - Lit of the Latter-day Saints 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST364 Utah - Utah 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI336 Religion and Politics - Religion and Politics 3.0

PSYCH353 Restored Gospel and Psychology - Restored Gospel and Psychology 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

Option 2.1.2.2 — Complete up to 4 hours

REL A336 Book of Mormon as Sacred Lit - Book of Mormon as Sacred Lit 2.0

REL C341 JS & Restoration 1805-1845 - JS & Restoration 1805-1845 2.0

REL C342 Pioneers, Conflict, and Growth - Pioneers, Conflict, and Growth 2.0

REL C343 Modern Church 1900-Present - Modern Church 1900-Present 2.0

REL C352 Survey of Christianity - Survey of Christianity 2.0

REL C353 American Christianity - American Christianity 2.0

Option 2.2 — Complete 14 hours

Constitution & Democracy in the World Track

ENGL 327R, HIST 390R, POLI 319R, and POLI 359R must focus, to some degree, on the US constitution, systems of governance, and/or its democratic ideals

Option 2.2.1 — Complete up to 6 hours

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST370 Early America - Early America 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST398 American Capitalism - American Capitalism 3.0

Option 2.2.2 — Complete up to 6 hours

POLI311 State Government and Politics - State Government and Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take once* 1.0v

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

Option 2.2.3 — Complete up to 6 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS406 Media & the First Amendment - Media & the First Amendment 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ENGL327R Studies in Rhetoric - Studies in Rhetoric - *You may take once* 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

IAS302R International Studies Seminar - International Studies Seminar - *You may take once* 1.0v

GCI320 Implementing Social Impact - Social Impact: Leveraging Orgs 3.0

GCI430R Ballard Brief - Ballard Brief - *You may take once* 3.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W582 Refugee Studies - Refugee Studies 2.0

Option 2.3 — Complete 14 hours

Communities, Cultures, & Citizenship Track

ENGL 384R, ENGL 388R, ENGL 389R, ENGL 396R, HIST 288R, HIST 390R, POLI 319R, POLI 359R, SOC 390R, TMA 477R, TMA 492R, and TMA 498R must focus, to some degree, on the communities and cultures of the United States.

Option 2.3.1 — Complete 6 hours

Option 2.3.1.1 — Complete up to 6 hours

AM ST390R Topics in American Studies - Topics in American Studies - *You may take once* 3.0

ANTHR431 Kinship, Race, and Gender - Kinship, Race, and Gender 3.0

COMMS481 Family, Gender, and Media - Gender, Race, & Class in Media 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

Option 2.3.1.2 — Complete up to 3 hours

HIST362 US Immigration History - US Immigration History 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

Option 2.3.1.3 — Complete up to 3 hours

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

Option 2.3.2 — Complete 8 hours

Option 2.3.2.1 — Complete up to 8 hours

AM ST392R Lecture Series - Lecture Series - *You may take 3 times* 1.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS481 Family, Gender, and Media - Gender, Race, & Class in Media 3.0

EXDM418 Designing for Inc & Belonging - Designing for Inc & Belonging 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

GEOG250 US and Canada - US and Canada 3.0

MUSIC204 Introduction to Jazz - Introduction to Jazz 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W582 Refugee Studies - Refugee Studies 2.0

Option 2.3.2.2 — Complete up to 3 hours

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr

ANTHR431 Kinship, Race, and Gender - Kinship, Race, and Gender 3.0

ANTHR490R Special Topics in Anthropology - Special Topics - *You may take once* 0.5v

Option 2.3.2.3 — Complete up to 2 hours

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

Option 2.3.2.4 — Complete up to 3 hours

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ENGL384R Author Studies - Author Studies - *You may take once* 3.0

ENGL388R American Lit before 1800 - American Lit before 1800 - *You may take once* 3.0

ENGL389R American Literature after 1800 - American Literature after 1800 - *You may take once* 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

SPAN452 U.S. Latinx Literature - U.S. Latinx Literature 3.0

Option 2.3.2.5 — Complete up to 3 hours

GCI300 Social Impact - Social Impact 3.0

GCI310 Designing Social Impact - Design Thinking- Social Impact 3.0

Option 2.3.2.6 — Complete up to 3 hours

HIST288R Women in a Changing World - Women in a Changing World - *You may take once* 0.5v

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST370 Early America - Early America 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST378 History of American Families - History of American Families 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST390R Special Topics - Special Topics - *You may take once* 0.5v

Option 2.3.2.7 — Complete up to 3 hours

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH450 Women's Health - Women's Health 3.0

Option 2.3.2.8 — Complete up to 3 hours

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take once* 1.0v

Option 2.3.2.9 — Complete up to 3 hours

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC228 Sociology of Sport - Sociology of Sport 3.0

SOC283 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC365 Sociology of Aging - Sociology of Aging 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

Option 2.3.2.10 — Complete up to 3 hours

TMA477R Issues in Film - Issues in Film - *You may take once* 3.0

TMA492R Film Genres - Film Genres - *You may take once* 3.0

TMA497R Motion Pic: Mirror of Times - Motion Pic: Mirror of Times 3.0

TMA498R Special Topics in Film - Special Topics in Film - *You may take once* 3.0

Nursing (BS) *

Program Information

Minimum Credit Hours
87

Maximum Credit Hours
87

Major Academic Plan
MAPS - BS in Nursing 2026-2027.docx

Learning Outcomes

Title
1. Integration of Gospel Values

Learning Outcome
Integrate the principles of the Gospel of Jesus Christ as part of clinical judgment; caring holistically for diverse individuals, families, communities, and populations; personal health and well-being; and life-long learning.

Title
2. Liberal Education

Learning Outcome
Acquire liberal education that provides the cornerstone for the practice and education of baccalaureate prepared nurses.

Title
3. Baccalaureate Generalist Nursing Practice

Learning Outcome
Provide nursing care to patients, including individuals, families, communities, and populations across the lifespan and across the continuum of healthcare environments. The baccalaureate graduate understands and addresses social determinants of health, health equity, and the increasing complexity of healthcare to advocate and optimize care for all patients.

Title
4. Professionalism

Learning Outcome
Exemplify and advocate for the nursing profession using the values of faith in Christ, excellence, accountability, belonging, and Christlike service.

Title
5. Interprofessional Communication and Collaboration:

Learning Outcome
Communicate and collaborate among interdisciplinary healthcare professionals and community partners to foster team respect and trust, and deliver high quality patient-centered and population-based care.

Title
6. Information Management and Technology

Learning Outcome
Demonstrate clinical judgment, knowledge and skills in data management and patient care technology to guide quality patient-centered care.

Title
7. Quality of Nursing Care Delivery, Patient Safety, and the Health Care System:

Learning Outcome
Exhibit clinical judgment, knowledge and skills in leadership, quality improvement, and patient safety necessary to provide high-quality patient-centered and population-based health care.

Title
8. Scholarship for Evidence-Based Practice:

Learning Outcome
Provide patient-centered and population-based care grounded in the translation of current evidence into nursing practice and reflective of sound clinical judgment linking theory, practice, and research.

Title
9. Clinical Prevention and Population Health

Learning Outcome
Advocate for social justice, health promotion, and disease prevention across the lifespan for diverse individuals, families, communities, and populations to improve population health at all levels of healthcare.

Title
10. Health Care Policy, Finance and Regulatory Environments

Learning Outcome
Evaluate how healthcare policies, including financial and regulatory, directly and indirectly influence the nature and functioning of the healthcare system and thereby are important considerations in social determinants of health and professional nursing practice.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the Nursing academic Advisement Center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

A "C" grade or higher must be maintained in all required courses.

Requirement 1 —Complete 2 Requirements

Prerequisite courses:

Requirement 1.1 —Complete 3 Courses

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CELL305 Human Physiology - Human Physiology 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

Note: Chem 101 or an acceptable score on the Chemistry Placement Exam is recommended prior to taking Chem 285 if the student has not completed previous chemistry course work.

Requirement 1.2 —Complete 1 of 2 Courses

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 2 —Complete 1 Course

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

Requirement 3 —Complete 29 Courses

NURS288 Nursing Skills I - Nursing Skills I 1.0

NURS290 Think Like a Nurse - Think Like a Nurse 1.5

NURS292 Cl Prac Nurs Fundamentals - Cl Prac Nurs Fundamentals 1.5

NURS294 Hlth Assessment & Promotion - Hlth Assessment & Promotion 2.0

NURS295 Fund Nurs - Fund Nurs 2.0

NURS296 Population Health Nursing - Introduction to Population Health Nursing 2.0

NURS298 Nursing Skills II - Nursing Skills II 1.0

NURS300 Applied Pharm in Nursing - Pharmacology in Nursing 3.0

NURS301 Applied Patho in Nursing - Applied Patho in Nursing 3.0

NURS320 EBP & Informatics - EBP & Informatics 3.0

NURS341 Acute & Chronic Illness - Acute & Chronic Illness 3.0

NURS342 Cl Prac Acute/Chronic Illness - Cl Prac Acute/Chronic Illness 2.5

NURS348 Nursing Skills III - Nursing Skills III 1.0

NURS351 Nurs Care of Women - Nurs Care of Women 2.0

NURS352 Cl Prac Women across Lifespan - Cl Prac Women across Lifespan 2.0

NURS361 Nurs Care of Children - Nurs Care of Children & Fam 2.0

NURS362 Cl Prac Children - Cl Prac Children 1.0

NURS371 Nsg Care Older Adults - Nsg Care Older Adults 2.0

NURS372 Clin Prac Chronic Disease - Clin Prac Chronic Disease 2.0

NURS378 Nursing Skills IV - Nursing Skills IV 1.0

NURS403 Global and Population Hlth Nsg - Global and Population Hlth Nsg 3.0

NURS449 Ethics in Nursing - Ethics in Nursing 3.0

NURS461 Psych/Mental Hlth Nursing - Psych/Mental Hlth Nursing 2.5

NURS462 Cl Prac Psych/Mental Hlth Nurs - Cl Prac Psych/Mental Hlth Nurs 2.0

NURS471 Nurs Care of Adults in Crisis - Nurs Care of Adults in Crisis 3.0

NURS472 Cl Prac Adults in Crisis - Cl Prac Adults in Crisis 2.5

NURS478 Nursing Skills V - Nursing Skills V 0.5

NURS491 Leadership & Health Policy - Nursing Capstone 2.0

NURS492 Cl Prac Capstone Nurs - Cl Prac Capstone Nurs 5.0

Requirement 4 —Complete 4 hours

Complete a minimum of 4 credit hours

NURS404 Cl Prac Glob & Pop Hlth Nurs - Cl Prac Publ & Glob Hlth Nurs 4.0v

School Health Education (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
25	25

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 7 Courses

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH381 Methods & Curriculum A - Methods & Curriculum A 3.0

HLTH382 Methods & Curriculum B - Methods & Curriculum B 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH436 Sexual and Reproductive Health - Sexual and Reproductive Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

Requirement 2 — Complete 1 Course

HLTH477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Be certified in CPR. Students desiring to take a traditional first aid course including CPR training may enroll in Hlth 320.

Public Health (BS): Environmental/ Occupational Health Emphasis

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
58

Major Academic Plan
MAPS - BS in Public Health Environmental-Occupational Health 2026-2027.docx

Learning Outcomes

Title
Environmental/Occupational Hazards Assessment

Learning Outcome
Assess the various biological chemical and physical hazards of the ambient indoor and work environment that can adversely affect human health.

Title
Environmental/Occupational Health Interventions

Learning Outcome
Anticipate recognize evaluate and control environmental and occupational hazards.

Title
Environmental/Occupational Moral Code and Ethics

Learning Outcome
Apply moral and ethical principles as they apply to the science of Environmental/Occupational theory and practice.

Program Requirements

Requirement 1 —Complete 11 Courses

HLTH100 Intro to Public Health - Intro to Public Health 1.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH426 Environmental Toxicology - Environmental Toxicology 3.0

HLTH428 Occupational Exposure Lab - Occupational Exposure Lab 3.0

HLTH429 Air Quality Assessment Lab - Air Quality Assessment Lab 3.0

Requirement 2 —Complete 5 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

Requirement 3 —Complete 3 hours

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 4 — Complete 3 hours

Applied Learning Experience

HLTH196R Public Health Practicum - Public Health Practicum - *You may take up to 3.0 credit hours* 0.5

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credits* 0.5v

HLTH391R Mentored Teaching in Pub Hlth - Mentored Teaching in Pub Hlth - *You may take up to 3.0 credit hours* 0.5

HLTH396R Campus Engagement - Campus Engagement -*You may take up to 3.0 credits* 0.5v

HLTH481 Applied International Health - Applied International Health *You may take up to 3.0 credits* 1.0v

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credits* 0.5v

HLTH496R Academic Internship: Hlth Sci - Academic Internship: Hlth Sci - *You may take up to 3.0 credit hours* 0.5v

Requirement 5 —Complete 9 hours

CELL305 Human Physiology - Human Physiology 4.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM481 Biochemistry - Biochemistry 3.0

GEOG101 Global Environment - Global Environment 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH480 International Health - International Health 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MMBIO418 Medical Parasitology - Medical Parasitology 2.0

MMBIO465 Virology - Virology 3.0

NDFS361 Food Microbiology - Food Microbiology 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

Recommended Courses are not required to complete the program

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Public Health (BS): Epidemiology Emphasis

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
59

Major Academic Plan
MAPS - BS in Public Health Epidemiology 2026-2027.docx

Learning Outcomes

Title
Select meaningful research goals

Learning Outcome
Deliberately choose epidemiologic research projects that add value to human knowledge and support human well-being.

Title
Design epidemiologic studies

Learning Outcome
Design epidemiologic studies that are methodologically strong and ethically sound in participant selection, measurement, data curation, statistical analysis, and stewardship of resources.

Title
Analyze quantitative data and report findings

Learning Outcome
Apply rigorous statistical methods to epidemiologic data and report numerical findings to suitable audiences in tables, graphs, and text, honestly and responsibly without disortion or misrepresentation.

Title
Draw conclusions that support action

Learning Outcome
Communicate conclusions and implications of epidemiologic findings to support policy decisions that will advance human well-being, consistent with a commitment to serving and uplifting all people.

Title
Use gospel principles to understand disease

Learning Outcome
Analyze aspects of human disease such as prevalence, causes, treatments, prevention, and experiences of individuals and families through a lens of gospel principles such as faith, charity, humility, patience, and compassion.

Program Requirements

Requirement 1 —Complete 12 Courses

Note: Prior to taking HLTH 493, the student must complete HLTH 100, 313, 314, 315, 345, 440, 447, 449.

HLTH100 Intro to Public Health - Intro to Public Health 1.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH449 Epi Study Design and Analysis - Epi Study Design and Analysis 3.0

HLTH493 Epidemiology Capstone - Epidemiology Capstone 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 — Complete 1 of 3 Options

Option 2.1 — Complete 3 hours

HLTH101 Health and the Human Body - Health and the Human Body 3.0

Option 2.2 — Complete 6 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

Option 2.3 — Complete 7 hours

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

Requirement 3 —Complete 3 hours

Applied Learning Experience

HLTH196R Public Health Practicum - Public Health Practicum - *You may take up to 3.0 credit hours* 0.5

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credits* 0.5v

HLTH391R Mentored Teaching in Pub Hlth - Mentored Teaching in Pub Hlth - *You may take up to 3.0 credit hours* 0.5

HLTH396R Campus Engagement - Campus Engagement - *You may take up to 3.0 credits* 0.5v

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credits* 1.0v

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credits* 0.5v

HLTH496R Academic Internship: Hlth Prom - Academic Internship: EH/OH - *You may take up to 3.0 credits* 0.5v

Requirement 4 — Complete 6 hours

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH426 Environmental Toxicology - Environmental Toxicology 3.0

HLTH436 Sexual and Reproductive Health - Sexual and Reproductive Health 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH461 Population Mental Health - Population Mental Health 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS380 International Nutrition - International Nutrition 3.0

Requirement 5 —Complete 12 hours

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

HLTH199R Global Health Experiences - Global health Experirences - *You may take up to 3.0 credit hours* 0.5v

HLTH416 Clinical Data Sys in Pub Hlth - Clinical Data Sys in Pub Hlth 3.0

HLTH434 Public Health Eval & Analytics - Public Health Eval & Analytics 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH116 Essentials of Calculus - Essentials of Calculus 1.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

STAT124 SAS Base Programming Skills - SAS Base Programming Skills 1.5

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

Recommended Courses are not required to complete the program

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Math 112, 113 are recommended for students who want a firm foundation in calculus and/or plan to pursue graduate education.

Public Health (BS): Health Promotion Emphasis

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
59

Major Academic Plan
MAPS - BS in Public Health Health Promotion 2026-2027.docx

Learning Outcomes

Title
Assess Needs

Learning Outcome
Conduct an assessment of community needs, assets, and health problems with integrity and compassion.

Title
Plan Programs

Learning Outcome
Design goals, objectives and interventions based on assessment data.

Title
Implement Interventions

Learning Outcome
Implement effective interventions that improve health and well-being of communities, families, and individuals.

Title
Research and Evaluation

Learning Outcome
Design ethical evaluations of health promotion interventions using appropriate research methods.

Title
Christ-centered Discipleship

Learning Outcome
Demonstrate Christ-centered principles in health promotion practice.

Program Requirements

Requirement 1 — Complete 12 Courses

HLTH100 Intro to Public Health - Intro to Public Health 1.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH330 Health Promotion - Health Promotion 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH431 Hlth Comm and Advocacy - Hlth Comm and Advocacy 3.0

HLTH434 Public Health Eval & Analytics - Public Health Eval & Analytics 3.0

HLTH494 Program Planning Capstone - Program Planning Capstone 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 —Complete 1 of 3 Options

Option 2.1 — Complete 3 hours

HLTH101 Health and the Human Body - Health and the Human Body 3.0

Option 2.2 — Complete 6 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

Option 2.3 — Complete 7 hours

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

Requirement 3 —Complete 3 hours

Applied Learning Experience

HLTH196R Public Health Practicum - Public Health Practicum - *You may take up to 3.0 credit hours* 0.5

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credits* 0.5v

HLTH391R Mentored Teaching in Pub Hlth - Mentored Teaching in Pub Hlth - *You may take up to 3.0 credit hours* 0.5

HLTH396R Campus Engagement - Campus Engagement - *You may take up to 3.0 credits* 0.5v

HLTH481 Applied International Health - Applied International Health *You may take up to 3.0 credits* 1.0v

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credits* 0.5v

HLTH496R Academic Internship: Hlth Prom - Academic Internship: Hlth Prom - *You may take up to 3.0 credits* 0.5v

Requirement 4 — Complete 1 of 6 Options

Option 4.1 — Complete 15 hours

GCI300 Social Impact - Social Impact 3.0

GCI430R Ballard Brief - Ballard Brief 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH461 Population Mental Health - Population Mental Health 3.0

HLTH480 International Health - International Health 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

NDFS380 International Nutrition - International Nutrition 3.0

SOC345 World Populations - World Populations 3.0

Option 4.2 — Complete 15 hours

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

HIST290 Nature & History - Nature & History 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH426 Environmental Toxicology - Environmental Toxicology 3.0

HLTH428 Occupational Exposure Lab - Occupational Exposure Lab 3.0

HLTH429 Air Quality Assessment Lab - Air Quality Assessment Lab 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

PWS150 Environmental Biology - Environmental Biology 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

Option 4.3 — Complete 15 hours

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH416 Clinical Data Sys in Pub Hlth - Clinical Data Sys in Pub Hlth 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH449 Epi Study Design and Analysis - Epi Study Design and Analysis 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

Option 4.4 — Complete 15 hours

COMMS235 Intro PR + AD - Intro PR + AD 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

MKTG201 Marketing Management - Marketing Management 3.0

Option 4.5 — Complete 15 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

HL288 Intro to Healthcare Leadership - Intro to Healthcare Leadership 3.0

HL 289R - Healthcare Leadership Lectures - *You may take once* 1.0

HL382 Delivering Value in Healthcare - Delivering Value in Healthcare 3.0

HL383 Healthcare Law and Ethics - Healthcare Law and Ethics 3.0

HL385R Healthcare Research Hub - Healthcare Research - *You may take once* 3.0

HL386 Financing the Healthcare Syst - Financing Healthcare System 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

Option 4.6 — Complete 15 hours

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH436 Sexual and Reproductive Health - Sexual and Reproductive Health 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health- Families and Public Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH461 Population Mental Health - Population Mental Health 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

Option 4.7 — Complete 15 hours

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

PWS340 Genetics - Genetics 3.0

Option 4.8 — Complete 15 hours

ACC200 Principles of Accounting - Principles of Accounting 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

COMMS235 Intro PR + AD - Intro Public Reltn 3.0

DIGHT230 Intro to Print Publishing - Intro to Print Publishing 3.0

DIGHT250 Web Publishing - Web Publishing 3.0

GCI300 Social Impact - Social Impact 3.0

GCI430R Ballard Brief - Ballard Brief - *You may take once* 3.0

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

HIST290 Nature & History - Nature & History 3.0

HL 289R - Healthcare Leadership Lectures - *You may take once* 1.0

HL382 Delivering Value in Healthcare - Delivering Value in Healthcare 3.0

HL383 Healthcare Law and Ethics - Healthcare Law and Ethics 3.0

HL385R Healthcare Research Hub - Healthcare Research - *You may take once* 3.0

HL386 Financing the Healthcare Syst - Financing Healthcare System 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety - *You may take up to 3.0 credit hours* 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH416 Clinical Data Sys in Pub Hlth - Clinical Data Sys in Pub Hlth 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH426 Environmental Toxicology - Environmental Toxicology 3.0

HLTH428 Occupational Exposure Lab - Occupational Exposure Lab 3.0

HLTH429 Air Quality Assessment Lab - Air Quality Assessment Lab 3.0

HLTH436 Sexual and Reproductive Health - Sexual and Reproductive Health 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH461 Population Mental Health - Population Mental Health 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

MSB201 Applying Business Foundations - Applying Business Foundations 3.0

HL288 Intro to Healthcare Leadership - Intro to Healthcare Leadership 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS380 International Nutrition- International Nutrition 3.0

PWS150 Environmental Biology - Environmental Biology 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

PWS340 Genetics - Genetics 3.0

SOC345 World Populations - World Populations 3.0

Recommended Courses are not required to complete the program

Recommended GE classes:

WRTG315 Writing in the Social Sciences - Writing in the Social Sciences 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Public Health (BS): Health Science Emphasis

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
58

Major Academic Plan
MAPS - BS in Public Health Health Science 2026-2027.docx

Learning Outcomes

Title
Cultural Humility & Vulnerable Populations

Learning Outcome
Recognize each person's inherent value as a divine child of God by integrating faith, cultural humility, and compassionate communication in the delivery of equitable public health interventions and patient-centered care, especially for vulnerable and marginalized populations.

Title
Upstream Approach to Health

Learning Outcome
Analyze an upstream team approach to health by identifying and evaluating points where public health and primary care can integrate, highlighting opportunities for interdisciplinary collaboration to reduce inequities in access, quality, and delivery of care.

Title
Clinical Data Methods

Learning Outcome
Apply statistical methods to manage, analyze, and interpret clinical data from health systems to make inferences about population health in public health and primary care contexts.

Program Requirements

Requirement 1 —Complete 10 Courses

Note 1: Prior to taking HLTH 495, the student must complete HLTH 100, 312, 313, 314, 315, and 316. This class may be taken concurrently with HLTH 425 and HLTH 447.

HLTH100 Intro to Public Health - Intro to Public Health 1.0

HLTH312 Intro to Plan, Interv, Eval - Intro to Plan, Interv, Eval 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH315 Hlth, Disease & Determinants 2 - Hlth, Disease & Determinants 2 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH416 Clinical Data Sys in Pub Hlth - Clinical Data Sys in Pub Hlth 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH447 Introduction to Biostatistics - Introduction to Biostatistics 3.0

HLTH495 Public Health & Primary Care - Public Health & Primary Care 3.0

Requirement 2 — Complete 3 hours

Applied Learning Experience

HLTH196R Public Health Practicum - Public Health Practicum - *You may take up to 3.0 credit hours* 0.5

HLTH199R Global Health Experiences - Global Health Experiences - *You may take up to 3.0 credit hours* 0.5v

HLTH391R Mentored Teaching in Pub Hlth - Mentored Teaching in Pub Hlth - *You may take up to 3.0 credit hours* 0.5

HLTH396R Campus Engagement - Campus Engagement - *You may take up to 3.0 credit hours* 0.5v

HLTH481 Applied International Health - Applied International Health - *You may take up to 3.0 credit hours* 1.0v

HLTH491R Mentored Research - Mentored Research - *You may take up to 3.0 credit hours* 0.5v

HLTH496R Academic Internship: EH/OH - Academic Internship: EH/OH - *You may take up to 3.0 credits* 0.5v

Requirement 3 —Complete 27 hours

Option 3.1 — Complete at least 3 hours up to 21 hours

HLTH322 Environmental Health - Environmental Health 3.0

HLTH324 Occupational Health & Safety - Occupational Health & Safety 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

HLTH436 Sexual and Reproductive Health - Sexual and Reproductive Health 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH456 Families and Public Health - Families and Public Health 3.0

HLTH461 Population Mental Health - Population Mental Health 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

HLTH480 International Health - International Health 3.0

HLTH482 Medical Geography - Medical Geography 3.0

HLTH492R Directed Pub Hlth Readings - Directed Pub Hlth Readings - *You may take up to 3.0 credit hours* 1.0v

Option 3.2 — Complete at least 6 hours up to 24 hours

CELL120 Science of Biology - Science of Biology 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM481 Biochemistry - Biochemistry 3.0

HLTH101 Health and the Human Body - Health and the Human Body 3.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PWS340 Genetics - Genetics 3.0

Option 3.3 —Complete up to 4 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Option 3.4 — Complete up to 18 hours

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

Physical Education Tchg/Coaching (K-12) (BS)

Program Information

Minimum Credit Hours
56

Maximum Credit Hours
59

Major Academic Plan
MAPS - BS in Physical Education Tchg-Coaching K-12 2026-2027.docx

Learning Outcomes

Title
1. Skill and Fitness Based Competence

Learning Outcome
Physical education teacher candidates are physically educated individuals with the knowledge and skills necessary to demonstrate competent movement performance and health enhancing fitness as delineated in the NASPE K-12 Standards.

Title
2. Learner Development

Learning Outcome
The candidate understands cognitive linguistic social emotional and physical areas of student development.

Title
3. Learning Differences

Learning Outcome
The candidate understands individual learner differences and cultural and linguistic diversity.

Title
4. Learning Environments

Learning Outcome
The candidate works with learners to create environments that support individual and collaborative learning positive social interaction active engagement in learning and self-motivation.

Title
5. Content Knowledge

Learning Outcome
The candidate understands the central concepts tools of inquiry and structures of the discipline.

Title
6. Assessment

Learning Outcome
The candidate uses multiple methods of assessment to engage learners in their own growth monitor learner progress guide planning and instruction and determine whether the outcomes described in content standards have been met.

Title
7. Instructional Planning

Learning Outcome
The candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas Utah Core Standards instructional best practices and the community context.

Title
8. Instructional Strategies

Learning Outcome
The candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections and build skills to apply and extend knowledge in meaningful ways.

Title
9. Reflection and Continuous Growth

Learning Outcome
The candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.

Title
10. Leadership and Collaboration

Learning Outcome
The candidate is a leader who engages collaboratively with learners families colleagues and community members to build a shared vision and supportive professional culture focused on student growth and success.

Title
11. Professional and Ethical Behavior

Learning Outcome
The candidate demonstrates the highest standard of legal moral and ethical conduct as specified in Utah State Board Rule R277-515.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To review these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426.

Students who are interested in the program should meet with the Physical Education Teaching Education program director (249-E SFH) and Education Student Services (175 MCKB) in September of their sophomore year. Then they must complete an online application (found at http://educator.byu.edu). Applications for the Physical Education Teaching Education program are due February 15 for Fall semester.

A teaching minor is not required for licensure. However, it is strongly recommended (approximately 16-30 hours).

For students accepted into the major after May 2020, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Courses

Required prerequisite courses:

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PETE227 Fitness for Life - Fitness for Life 1.0

SFL210 Human Development - Human Development 3.0

Requirement 2 — Complete 9 Courses

EXDM123 Intro Outdoor Rec Activities - Intro Outdoor Rec Activities 2.0

PETE230 K-12 Act Cont & Skls 1 - K-12 Act Cont & Skls 1 3.0

PETE231 K-12 Phys Act Cnt & Skls 2 - K-12 Phys Act Cnt & Skls 2 3.0

PETE302 Advoc for PE & Hlthy Act Life - Advoc for PE & Hlthy Act Life 3.0

PETE330R Coaching Selected Sports - Coaching Selected Sports - *You may take once* 2.0

PETE367 Scientific Fndns for PE Tchrs - Scientific Fndns for PE Tchrs 3.0

PETE399R Academic Internship: Coaching - Academic Internship: Coaching - *You may take once* 1.0v

PETE430 Principles of Coaching - Principles of Coaching 2.0

SWELL191 Weight Training - Weight Training, Beginning 0.5

Requirement 3 — Complete 1 of 8 Courses

SWELL107 Pilates - Pilates 0.5

SWELL108 Zumba - Zumba 0.5

SWELL109 Yoga - Yoga 0.5

SWELL110 Indoor Cycling - Indoor Cycling 0.5

SWELL141 Martial Arts - Martial Arts 0.5

SWELL155 Self-Defense - Self-Defense 0.5

SWELL171 Swimming, Beginning - Swimming, Beginning 0.5

SWELL172 Swimming, Intermediate - Swimming, Intermediate 0.5

Requirement 4 — Complete 2 Requirements

Professional Education Component:

Requirement 4.1 — Complete 8 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PETE274 Fund Skills &Tchg Methods-ElEd - Fund Skills &Tchg Methods-ElEd 3.0

PETE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

PETE377 Secondary Practicum - Secondary Practicum 3.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Note: FBI fingerprinting and background clearance must be completed prior to enrolling in PETE 276R.

Requirement 4.2 — Complete 12 hours

Note: Prior application is required.

PETE476R Student Teaching - Physical Ed - Student Teaching - Physical Ed - *You may take 2 times* 12.0

PETE496R Academic Internship--Phys Educ - Academic Internship--Phys Educ - *You may take once* 12.0

Note: PETE 399R must be completed before PETE 476R and PETE 496R.

Note: It is the student's responsibility to be sure that the Praxis test has been passed and that BYU has received the test scores and that their fingerprint background clearance is current and that state licensing fees have been paid prior to graduation. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Complete the PRAXIS II exam.

PE Teaching/Coaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
25.5	25.5

Program Requirements

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To review these requirements, contact the Education Advisement Center, 175 MCKB, 801-422-3426.

For students accepted into the major after May 2020, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 8 Courses

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PETE227 Fitness for Life - Fitness for Life 1.0

PETE230 K-12 Act Cont & Skls 1 - K-12 Act Cont & Skls 1 3.0

PETE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

PETE302 Advoc for PE & Hlthy Act Life - Advoc for PE & Healthy Life 3.0

PETE330R Coaching Selected Sports - Coaching Selected Sports - *You may take once* 2.0

PETE367 Scientific Fndns for PE Tchrs - Principles of Coaching 2.0

PETE430 Principles of Coaching - Principles of Coaching 2.0

Requirement 2 — Complete 0.5 hours

SWELL108 Zumba - Zumba 0.5

SWELL109 Yoga - Yoga 0.5

SWELL110 Indoor Cycling - Indoor Cycling 0.5

SWELL111 Basketball, Beginning - Basketball, Beginning 0.5

SWELL131 Golf, Beginning - Golf, Beginning 0.5

SWELL141 Martial Arts - Martial Arts 0.5

SWELL171 Swimming, Beginning - Swimming, Beginning 0.5

SWELL186 Volleyball, Beginning - Volleyball, Beginning 0.5

SWELL191 Weight Training - Weight Training, Beginning 0.5

Requirement 3 — Complete 1 hour

PETE399R Academic Internship: Coaching - Academic Internship: Coaching - *You may take up to 1.0 credit hours* 1.0v

Requirement 4 — Complete 1 Course

PETE477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Exercise & Wellness (BS)

Program Information

Major Academic Plan

MAPS - BS in Exercise & Wellness 2026-2027.docx

Learning Outcomes

Title
Exercise and Wellness Knowledge

Learning Outcome
Students will demonstrate adequate knowledge acquisition and understanding in areas relating to stress management, chronic disease prevention, anatomy, exercise physiology, appraising health and fitness, worksite wellness program component design, healthy diet, and weight management.

Title
Health Assessment, Evaluation, and Prescription

Learning Outcome
Students will conduct fitness assessments, write exercise prescriptions, evaluate health behaviors/health outcomes, and risk factors for disease and physical dysfunction.

Title
Career and Professional Preparation

Learning Outcome
Students will demonstrate an understanding of current ethical concerns in the profession leading them to successful employment or further schooling.

Program Requirements

Requirement 1 —Complete 6 Courses

Prerequisites to the exercise and wellness core:

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL305 Human Physiology - Human Physiology 4.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STDEV150 Public Speaking - Public Speaking 3.0

Requirement 2 —Complete 7 Courses

Required core courses:

EXSC151 Intro to Exercise Sciences - Intro to Exercise Sciences 1.0

EXSC360 Exercise Is Medicine - Exercise Is Medicine 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC410 Stress Management - Stress Management 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

EXSC480 Obesity & Weight Management - Obesity & Weight Management 3.0

Requirement 3 — Complete 3 hours

Experiential Learning:

EXSC399R Exercise Sciences Internship - Exercise Sciences Internship - *You may take up to 3.0 credit hours* 0.5v

EXSC399R HWSG Internship - HWSG Internship - *You may take up to 3.0 credit hours* 1.0v

EXSC497R Undergrad Research & Study - Undergrad Research & Study - *You may take once* 3.0v

Requirement 4 — Complete 21 hours

Electives:

Option 4.1 — Complete at least 15 hours up to 21 hours

CELL365 Pathophysiology - Pathophysiology 4.0

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC320 Basic Athletic Training - Basic Athletic Training 3.0

EXSC321 Basic Athletic Training Lab - Basic Athletic Training Lab 0.5

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC385 Personal Training Strategies - Personal Training Strategies 3.0

EXSC440 Adv Musskl Hum Anat (incl lab) - Adv Musskl Hum Anat (incl lab) 4.0

EXSC455 Worksite Health Promotion - Worksite Health Promotion 3.0

EXSC468 Exercise Prescription - Problems in Exercise Prsrptn 2.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH460 Substance Use Disorders - Substance Use Disorders 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

STDEV317 Job Search Strategies - Job Search Strategies 2.0

Option 4.2 —Complete up to 6 hours

Complete up to 6 hours from the following:

ACC200 Principles of Accounting - Principles of Accounting 3.0

BIO130 Biology - Biology 4.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CHEM101 Introductory General Chemistry - Introductory General Chemistry 3.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

ENT301 Business Model Validation - Business Model Validation 3.0

EXSC350 Res. Meth. & Evid. Based Prac. - Res. Meth. & Evid. Based Prac. 3.0

EXSC466 Intro to ECG - Intro to ECG 2.0

FIN201 Principles of Finance - Principles of Finance 3.0

HLTH383 Mind/Body Health - Mind/Body Health 3.0

HLTH403R Special Topics - Special Topics - *You may take once* 0.5v

HLTH450 Women's Health - Women's Health 3.0

HRM300 Organizational Behavior - Organizational Behavior 3.0

MKTG201 Marketing Management - Marketing Management 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

STDEV170 Intro to Health Professions - Intro to Health Professions 1.0

Note: Only 2.0 credits of EXSC 399R: Hunstman World Senior Games Internship may be used as part of the EXSC 399R: Exercise Sciences Internship requirement.

Exercise Science (BS)

Program Information

Major Academic Plan

MAPS - BS in Exercise Science 2026-2027.docx

Learning Outcomes

Title
Spiritually Strengthening

Learning Outcome
Through faith-based learning, students will (1) recognize and appreciate the connection between the health of the human body and spirit, (2) grasp the import of caring for the human body in God's plan of happiness, (3) strengthen their faith in Jesus Christ, and (4) develop a lasting commitment to cultivate physical health that is often required to serve others throughout mortality.

Title
Exercise Science Fundamentals

Learning Outcome
Students will apply their knowledge of human anatomy, physiology, and biomechanics to solve problems related to the body's responses and adaptations to physical activity and exercise, empowering them to promote lifelong health and service.

Title
Inspiring Learning

Learning Outcome
As disciples of Christ, students will bless the lives of others, including individuals in the broader community, by sharing the knowledge they gained from faith-based classroom instruction and mentoring experiences.

Title
Exercise is Medicine

Learning Outcome
Students will use exercise science to improve quality of life, including proposing strategies that will improve quality of life, rehabilitate injury, enhance performance, and reduce utilize principles of exercise in the reduction and prevalence of lifestyle related diseases.

Title
Career and Professional Preparation

Learning Outcome
Students will express an understanding of requirements necessary to gain admittance to a graduate or professional program or for exercise science related employment (See program description). Students will also desire to pursue lifelong learning leading them to successful employment in their chosen careers.

Program Requirements

Requirement 1 — Complete 11.5 hours

Complete These Major Required Courses:

EXSC151 Intro to Exercise Sciences - Intro to Exercise Sciences 1.0

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC440 Adv Musskl Hum Anat (incl lab) - Adv Musskl Hum Anat (incl lab) 4.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

EXSC464 Exercise Physiology Lab - Exercise Physiology Lab 0.5

Requirement 2 — Complete 2 hours

Complete at Least 2.0 Experiential Learning:

EXSC399R Exercise Sciences Internship - Exercise Science Internship 1.0v

EXSC399R HWSG Internship - HWSG Internship 1.0v

EXSC497R Undergrad Research & Study - Undergrad Research & Study 0.5v

Requirement 3 —Complete 12 hours

Complete at Least 12 Major Elective Credits:

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC320 Basic Athletic Training - Basic Athletic Training 3.0

EXSC321 Basic Athletic Training Lab - Basic Athletic Training Lab 0.5

EXSC350 Res. Meth. & Evid. Based Prac. - Res. Meth. & Evid. Based Prac. 3.0

EXSC360 Exercise Is Medicine - Exercise Is Medicine 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC460 Ortho Impairments & Ther Exer - Ortho Impairments & Ther Exer 3.0

EXSC462 Clinical Biomechanics - Clinical Biomechanics 3.0

EXSC466 Intro to ECG - Intro to ECG 2.0

EXSC468 Exercise Prescription - Exercise Prescription 3.0

EXSC470 Functional Neuroanatomy - Functional Neuroanatomy 3.0

EXSC488 Motor Control - Motor Control 3.0

EXSC501 Pathophysiology for AT - Pathophysiology for AT 3.0

EXSC516 Lower Extremities - Lower Extremities 3.0

EXSC517 Upper Extremities - Upper Extremities 3.0

EXSC518 Rehabilitation - Rehabilitation 3.0

Requirement 4 —Complete 10 Courses

Complete the Following Non-Major Required Courses (28.0 credits)

CELL120 Science of Biology - Science of Biology 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 5 —Complete 1 of 2 Options

Complete 1 Physiology Option (4.0 Credits)

Option 5.1 —Complete 1 Course

CELL305 Human Physiology - Human Physiology 4.0

Option 5.2 —Complete 2 Courses

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

Requirement 6 —Complete 3 hours

Complete at Least 3 Non-Major Elective Credits:

Note: SOME OF THESE ELECTIVES HAVE REQUIRED PREREQUISITES.

CELL320 Dissection Tech Human Anatomy - Dissection Tech Human Anatomy 1.0

CELL325 Tissue Biology (with lab) - Tissue Biology (with lab) 3.0

CELL360 Cell Biology - Cell Biology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL484 Human Embryology - Human Embryology 3.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM481 Biochemistry - Biochemistry 3.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH119 Introduction to Calculus - Introduction to Calculus 4.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NDFS200 Nutrient Metabolism - Nutrient Metabolism 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS305 Nutr Implications of Disease - Nutr Implications of Disease 4.0

NDFS310 Nutr & Metab Sports Exercise - Nutr & Metab Sports Exercise 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH342 Psychopathology - Psychopathology 3.0

PWS340 Genetics - Genetics 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

STDEV170 Intro to Health Professions - Intro to Health Professions 1.0

STDEV317 Job Search Strategies - Job Search Strategies 2.0

Note to Students Desiring to Pursue Master of Athletic Training (MAT) degree: In order to prepare for acceptance into the MAT graduate degree program, you must take the following courses during your BS Exercise Science major: EXSC 320, 321, 387, 501, 516, 517, 518, 601, and PSYCH 111. Contact Life Sciences Advisement (2060 LSB) for additional information (lsa.byu.edu; 801-422-3042; lifesciences@byu.edu). See MAT website for details. Some elective courses may be offered only in Spring term.

Note to Premed Students: Professional schools and graduate programs may require additional courses not required for this major. Contact the programs to which you may apply to determine specific courses that meet their entrance requirements. Students considering professional or graduate degrees should take at least two semesters of mathematical courses. The following required or elective courses are strongly recommended for students considering professional or graduate degrees in the exercise sciences: MMBio 241; CELL 360, 362, 363; Chem 351, 352, 353, 481; Math 119; Stat 121. For more information contact the Preprofessional Advisement Center, 3328 WSC, (801) 422-3044. Contact potential schools of choice for a complete list of entrance requirements.

General Studies (BGS): Exercise and Wellness Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - Exercise and Wellness 2026-2027.docx

Program Requirements
Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Complete the following prerequisite course (required of all applicants to the BGS program):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 5 Courses

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC362 Kinesiology & Biomechanics - Kinesiology & Biomechanics 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC410 Stress Management - Stress Management 3.0

EXSC463 Exercise Physiology - Exercise Physiology 3.0

Requirement 3 —Complete 15 hours

CELL205 Human Biology - Human Biology 3.0

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

HLTH330 Health Promotion - Health Promotion 3.0

HLTH335 Health Behavior Change - Health Behavior Change 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH 365 - Motivation 3.0 - *This course is no longer available*

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 4 —Complete 1 Course

Complete the capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Cultural Dance (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Program Requirements

Requirement 1 — Complete 1 Course

Complete the following with a grade of B or better:

DANCE270 Cultural Dance Technique 1 - Cultural Dance Technique 1 1.0

The Dance Department requires a minimum of 8 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 2 — Complete 6 Courses

Core courses:

DANCE170 Cultural Dance Introduction - Cultural Dance, Introduction 1.0

DANCE172 Western Square & Amer Dance - Western Square & Amer Dance 1.0

DANCE260 Introduction to Dance - Introduction to Dance 3.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE370 Cultural Dance Technique 2 - Cultural Dance Technique 2 1.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg Cultural Dance 2.0

Requirement 3 — Complete 1 hour

Core course:

DANCE228R Mexican Dance Technique 1 - Mexican Dance Technique 1 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE271R Clogging Dance Int Tech 1 - Clogging Dance Int Tech 1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

Requirement 4 — Complete 4 hours

R courses may not be repeated for credit toward the four hours unless specified; only 2 credit hours total may be used for performance classes, either Dance 327R, Dance 378R, Dance 438R.

DANCE173R Culture-Specific Dance Beg. - Culture-Specific Dance Beg. *You may take once* 1.0

DANCE192 Character Dance - Character Dance 1.0

DANCE238R Folk Dance Performance - Folk Dance Performance - *You may take once* 1.0

DANCE272R Culture-Specific Dance Tech 1 - Cultural Dance Forms 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech 1 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE327R Living Legends - Living Legends - *You may take up to 2.0 credit hours* 3.0v

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE338R Folk Dance Performance - Folk Dance Performance - *You may take once* 2.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography - *You may take once* 2.0

DANCE438R Folk Dance Performance Co - Folk Dance Performance Co - *You may take up to 2.0 credit hours* 2.0v

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

Dance (BA)

Program Information

Minimum Credit Hours
60

Maximum Credit Hours
62

Major Academic Plan
MAPS - BA in Dance 2026-2027.docx

Learning Outcomes

Title
Body, Mind, Spirit Connection

Learning Outcome
Students will be able to express in written, movement, and oral presentation the body, mind, spirit connection through applied knowledge in dance science, somatic theory, and movement studies.

Title
Dance Making

Learning Outcome
Students will be able to perform and choreograph dance works that demonstrate an awareness of historical and cultural contexts, application of the choreographic processes, and the shaping of a personal aesthetic.

Title
Interdisciplinary Integration

Learning Outcome
Students will integrate their dance education with an accompanying self-selected minor or area of outside focus through thoughtful reflective practice.

Title
Citizenship

Learning Outcome
Students will be able to value and model professional and civic engagement.

Program Requirements

The Bachelor of Arts (BA) in Dance is an open enrollment program. Students may declare the Dance BA major upon entry to the university and will be assigned a dance major advisor.

The Dance Department requires a minimum of 30 hours of dance credit to be taken in residency at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 3 hours

Note: CELL 220 is preferred.

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 2 — Complete 1 of 2 Courses

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1- *You may take once* 1.0

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

Note: an Upper level contemporary technique course can be substituted in for DANCE 240

Requirement 3 — Complete 8 Courses

DANCE230 Conditioning - Conditioning 2.0

DANCE244R Beginning Creative Processes - Beginning Creative Processes - *You may take once* 1.0

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE459 Seminar in Dance - Seminar in Dance 1.0

DANCE460 Dance History and Theory - Dance History and Theory 2.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

Requirement 4 — Complete 1 of 4 Courses

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography 2.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE397R Ballet Choreography - Ballet Choreography 2.0

Requirement 5 — Complete 1 of 2 Courses

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

Requirement 6 — Complete 2 hours

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

Requirement 7 — Complete 1 of 4 Courses

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

Requirement 8 — Complete 1 of 8 Courses

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg Cultural Dance 2.0

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

Requirement 9 — Complete 3 hours

DANCE228R Mexican Dance Technique 1 - Mexican Dance Technique 1 - *You may take once* 1.0

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may take once* 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 1.5

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE270 Cultural Dance Technique 1 - Cultural Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - Clogging Dance Int Tech 1 - *You may take once* 1.0

DANCE272R Culture-Specific Dance Tech 1 - Culture-Specific Dance Tech 1 - *You may take once* 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

DANCE284 Ballroom Dnce, Intl Tech 1 - Ballroom Dnce, Intl Tech 1 1.0

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE290 Ballet, Accelerated Beginning - Ballet, Accelerated Beginning 1.0-1.0v

DANCE291R Ballet Technique 1 - Ballet Technique 1 1.5

DANCE293R Ballet Technique 2 - Ballet Technique 2 - *You may take once* 1.5-2.5v

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

Requirement 10 — Complete 4 credits

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 1.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 1.5 - 2.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 2.5

DANCE345 Accelerated Street Dance - Accelerated Street Dance 1.5

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE370 Cultural Dance Technique 2 - Cultural Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 1.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 1.5v

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 1.0

DANCE400R Workshop in Ballet - Workshops in Ballet - *You may take once* 0.5-3.0v

DANCE440R Cont Mdrn Dnc Technq & Thry 5 - Cont Mdrn Dnc Technq & Thry 5 2.5

DANCE474R Percussive Step Styles - Percussive Step Styles 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 1.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations 0.5

DANCE495R Pas de Deux - Pas de Deux 1.0

Requirement 11 — Complete 2 hours

Complete 2 credit hours from the following performance company option:

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take once* 0.5-3.0v

DANCE238R Folk Dance Performance - Folk Dance Performance - *You may take once* 1.0

DANCE288R Ballroom Dance Performance Beg - Ballroom Dance Performance Beg - *You may take once* 1.0

DANCE320R Young Ambassadors - Young Ambassadors - *You may take once* 0.5-3.0v

DANCE327R Living Legends - Living Legends - *You may take once* 0.5-3.0v

DANCE348R Kinnect - Kinnect - *You may take once* 1.0-2.0v

DANCE368R DancEnsemble - DancEnsemble - *You may take once* 1.0v

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take once* 2.0

DANCE398R Theatre Ballet Studio Company - Theatre Ballet Studio Company - *You may take once* 3.0

DANCE429R Dance Perf-2 - Dance Perf-2 - *You may take once* 0.5-3.0v

DANCE438R Folk Dance Performance Co - Folk Dance Performance Co - *You may take once* 2.0v

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take once* 2.03.0v

DANCE489R Preparation for Bllrm Comptitn - Preparation for Bllrm Comptitn - *You may take once* 1.0

DANCE498R Theatre Ballet - Theatre Ballet - *You may take once* 3.0

Requirement 12 — Complete 5 hours

Note: Courses fulfilling Requirement 4-9 cannot be repeated for Requirement 12

DANCE228R Mexican Dance Technique 1 - Mexican Dance Technique 1 1.0

DANCE229R Dance Perf-1 - Dance Perf-1 0.53.0v

DANCE231R Jazz Dance Technique 1 - Jazz Dance Technique 1 - *You may take once* 1.0

DANCE233 Aerial Dance Tech - Aerial Dance Tech 1.0

DANCE234R Pilates - Pilates 0.5-1.0v

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE238R Folk Dance Performance - Folk Dance Performance - *You may take once* 1.0

DANCE240R Contemp Mdrn, Tech & Theory 1 - Contemp Mdrn, Tech & Theory 1 - *You may take once* 1.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 1.5

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE270 Cultural Dance Technique 1 - Cultural Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

DANCE272 Cultural Dance Forms - Cultural Dance Forms 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

DANCE284 Ballroom Dnce, Intl Tech 1 - Ballroom Dnce, Intl Tech 1 1.0

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE288R Ballroom Dance Performance Beg - Ballroom Dance Performance Beg - *You may take once* 1.0

DANCE290 Ballet, Accelerated Beginning - Ballet, Accelerated Beginning 1.0-1.0v

DANCE291R Ballet Technique 1 - Ballet Technique 2 - *You may take once* 2.5

DANCE293R Ballet Technique 2 - Ballet Technique 2 - *You may take once* 1.5-2.5v

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE300 MT in Contemporary Culture - MT in Contemporary Culture 1.0

DANCE320R Young Ambassadors - Young Ambassadors - *You may take once* 0.5-3.0v

DANCE326 Dance for Elementary Classroom - Dance for Elementary Classroom 2.0

DANCE327R Living Legends - Living Legends - *You may take once* 0.5-3.0v

DANCE328 Script, Mvmnt & Score Analysis - Script, Mvmnt & Score Analysis 1.0

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take once* 1.5

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE338R Folk Dance Performance - Folk Dance Performance - *You may take once* 2.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take once* 1.5-2.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Forms - *You may take once* 2.5

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE345 Accelerated Street Dance - Accelerated Street Dance 1.5

DANCE346 Dance and Diaspora - Mth Tch Dance Soc Grps ScEd 2.0

DANCE348R Kinnect - Kinnect - *You may take once* 1.0-2.0v

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues 2.0

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE368R DancEnsemble - DancEnsemble - *You may take once* 1.0-2.0v

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE376 Mthds of Tchg Cultural Dance - Mthds of Tchg Cultural Dance 2.0

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography 2.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take once* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take once* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take once* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take once* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take once* 1.0

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take once* 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take once* 1.5-2.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take once* 3.0

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 - *You may take once* 1.0

DANCE393R Ballet Pointe 2 - Ballet Pointe 2 - *You may take once* 1.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE 398R - Theatre Ballet Studio Company - *You may take once* 3.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take once* 0.5-4.0v

DANCE399R Academic Internship: Dance BFA - Academic Internship: Dance BFA - *You may take once* 0.5-4.0v

DANCE399R Academic Internship: Ballroom - Academic Internship: Ballroom - *You may take once* 0.5-4.0v

DANCE399R Academic Internship: Dance Ed - Academic Internship: Dance Ed - *You may take once* 0.5-4.0v

DANCE400R Workshop in Ballet - Workshop in Ballet - *You may take once* 0.5-3.0v

DANCE400R Studies in Dance - Studies in Dance - *You may take once* 0.5-3.0v

DANCE426 MDT Sr Performance Project - MDT Sr Performance Project 1.0

DANCE429R Dance Perf-2 - Dance Perf-2 - *You may take once* 0.5v

DANCE438R Folk Dance Performance Co - Folk Dance Performance Co - *You may take once 2*.0v

DANCE440R Cont Mdrn Dnc Technq & Thry 5 - Cont Mdrn Dnc Technq & Thry 5 - *You may take once* 2.5

DANCE462R Choreo, Adv - Choreo, Adv - *You may take once* 2.0

DANCE465 K-12 Dance Curriculum Design - K-12 Dance Curriculum Design 2.0

DANCE466 Dance Teaching Pract and Mgmt - Dance Teaching Pract and Mgmt 3.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

DANCE476 Sec Student Teaching in Dance - Sec Student Teaching in Dance 12.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take once* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take once* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take once* 1.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take once* 2.0

DANCE489R Preparation for Bllrm Comptitn - Preparation for Bllrm Comptitn - *You may take once* 1.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take once* 3.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take once* 0.5

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

DANCE498R Theatre Ballet - Theatre Ballet - *You may take once* 3.0

MDT361 Choreographic Styles - Choreographic Styles 3.0

STAC100R Intercol Athl Cougarettes - Cougarette Performing Team - *You may take once* 2.0

Requirement 13 — Complete 1 Options

Requirement 13.1 —Obtain confirmation from your advisement center that you have completed the following:

Complete an approved minor outside of dance. Note: Chosen minor may not be a dance minor, and must be completed as part of your graduation requirements.

Requirement 13.2 — Obtain confirmation from your advisement center that you have completed the following:

Complete 15 credit hours in a concentrated area of study outside of the Dept. of Dance. These credits should support a cross-disciplinary understanding of how a dance education can integrate into post graduate pursuits. Examples include but are not limited to the following graduate studies/career pursuits: Dance Movement Therapy, Physical Therapy, Medicine, Occupational Therapy. A justification letter regarding outside electives must accompany your student development plan and all credits must be approved by your faculty advisor and the Dance BA Committee Chair.

Dance Education K-12 (BA) *

Program Information

Minimum Credit Hours
80.5

Maximum Credit Hours
80.5

Major Academic Plan
MAPS - BA in Dance Education K-12 2026-2027.docx

Learning Outcomes

Title
Dance Technique, Performance, and Choreography

Learning Outcome
Students will be able to perform and choreograph with technical proficiency, clear intent, creativity, and artistry, integrating dance principles with spiritual aspects and holistic approaches.

Title
Instructional Strategies, Standards, and Pedagogy

Learning Outcome
Students will be able to demonstrate teaching competency aligned with Utah state and national education standards, inclusive of best practices specific to learner development and needs, instructional design clarity, instructional practices, classroom climate, and professional responsibilities.

Title
Dance Theory and Curriculum Design

Learning Outcome
Students will be able to examine and synthesize dance studies to create comprehensive dance curricula and implement creative arts approaches that enrich lives, invite reflection, deepen learning, uplift souls, and share the light of Christ.

Title
Professionalism

Learning Outcome
Students will be able to construct and model their professional presence in the dance education K-12 community by maintaining licensing/certification standards of professionalism and ethics, engaging in professional development, and expressing commitment to stewardship and renewal.

Title
Spirituality

Learning Outcome
Students will be able to integrate and maximize their spiritual strengths and insights with artistic prowess and educational expertise in secular and faith-based settings to empower K-12 students, strengthen schools, benefit the community, foster belonging, and build the kingdom of God.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

The Dance Education K-12 major is a limited enrollment program which requires students to apply and audition for acceptance through a department admissions process. Candidates should declare a Dance Education K-12 Pre-major and enroll in Dance 241R, Dance 290, and Dance 261 during the freshman year. A proficiency audition, self-choreographed solo, interview, minimum academic requirements, Utah Bureau of Criminal Investigation (UBCI) and FBI fingerprint and background clearance, and successful completion of Dance 276R are required for acceptance to the major. See https://dance.byu.edu for complete acceptance requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to http://education.byu.edu/ess/licensing.html or contact Education Student Services (350 MCKB, 801-422-3426).

Upon acceptance to the Dance Education K-12 major, students will participate in annual mandatory advisement with an assigned faculty advisor and through the CFAC Advisement Center.

Proficiency audition is required for placement and registration in technique courses. All technique courses require at least a B- and teacher approval to advance to the next level.

The Dance Department requires at least 21 hours from major courses to be completed in residency at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

A teaching minor is recommended.

Requirement 1 — Complete 1 Course

Prerequisite course:

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Requirement 2 — Complete 14 Courses

DANCE180 Social Dance, Beginning- Social Dance, Beg 1.0

DANCE230 Conditioning - Conditioning 2.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take this course up to one time* 1.5

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE245 Foundational Street Dance - Foundational Street Dance 1.0

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE290 Ballet, Accelerated Beginning - Ballet, Accelerated Beginning 1.0v

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE345 Accelerated Street Dance - Accelerated Street Dance 1.5

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE460 Dance History and Theory - Dance History and Theory 3.0

Requirement 3 — Complete 5 hours

Must be taken in two semesters:

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take 2 times* 1.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 - *You may take 2 times* 2.5

DANCE440R Cont Mdrn Dnc Techng & Thry 5 - Cont Mdrn Dnc Techng & Thry 5 - *You may take 2 times* 2.5

Requirement 4 — Complete 1.0 hours

DANCE228R Mexican Dance Technique 1 - Mexican Dance Technique 1 - *You may take once* 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE270 Cultural Dance Technique 1 - World Dance Technique 1 1.0

DANCE271R Clogging Dance Int Tech 1 - American Clog Dance Tech 1 - *You may take once* 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dance Tech1 - *You may take once* 1.0

DANCE274R Irish Dance Tech 1 - Irish Dance Tech 1 - *You may take once* 1.0

DANCE275 Polynesian Dance Tech 1 - Polynesian Dance Tech 1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dance Tech 1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE281 Cntry Wstrn Soc Dnc, Intrmd - Cntry Wstrn Soc Dnc, Intrmd 1.0

DANCE327R Living Legends - Living Legends - *You may take once* 0.5v

DANCE335R Tap Dance Technique 2 - Tap Dance Technique 2 - *You may take once* 1.0

DANCE370 Cultural Dance Technique 2 - World Dance Technique 2 1.0

DANCE371R Clog Dance Technique 2 - Clog Dance Technique 2 - *You may take once* 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Tech 2 - *You may take once* 1.0

DANCE374R Irish Dance Tech 2 - Irish Dance Tech 2 - *You may take once* 1.0

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography- *You may take once* 2.0

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take once* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take once* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take once* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take once* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take once* 1.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography- *You may take once* 2.0

DANCE474R Percussive Step Styles - Percussive Step Styles - *You may take once* 1.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take once* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take once* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take once* 1.0

Requirement 5 — Complete 5 Courses

Composition and improvisation courses.

DANCE244R Beginning Creative Processes - Beginning Creative Processes - *You may take once* 1.0

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE462R Choreo, Adv - Cont Mdrn Choreo, Adv - *You may take once* 2.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

Requirement 6 — Complete 2 hours

Performance courses:

DANCE348R Kinnect - Kinnect - *You may take up to 2.0 credit hours in winter semester* 1.0v

DANCE368R DancEnsemble - DancEnsemble - *You may take up to 2.0 credit hours* 1.0v

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take once* 2.0

Requirement 7 — Complete 3 Requirements

Professional Education Component.

Teacher Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 7.1 — Complete 10 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

DANCE276R Exploration of Teaching - Exploration of Teaching - *You may take once* 3.0

DANCE346 Dance and Diaspora - DANCE DIASPORA 3.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE466 Dance Teaching Pract and Mgmt - Dance Teaching Pract and Mgmt 3.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Note: Utah Bureau of Criminal Investigation (UBCI) and FBI fingerprint and background clearance must be completed before acceptance into the major. Both fingerprint and background clearance mus be current to enroll in any course with a K-12 clinical experience.

Requirement 7.2 — Complete 1 hour

Complete an elementary teaching practicum of 42 hours of dance core curriculum (20 hours planning and reflection, plus 22 hours teaching with children grades K-6) in one of the following ways: 1) Kinnect teaching Spring Term; 2) Other elementary dance teaching internships approved by the dance education faculty.

DANCE348R Kinnect - Kinnect - *You may take up to 1.0 credit hours in spring term* 1.0v

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take up to 1.0 credit hours* 1.0v By approval only

Requirement 7.3 — Complete 12 hours

DANCE476 Sec Student Teaching in Dance - Sec Student Teaching in Dance - *You may take up to 12.0 credit hours* 12.0

Dance (BFA) *

Program Information

Minimum Credit Hours
76

Maximum Credit Hours
77

Major Academic Plan
MAPS - BFA in Dance 2026-2027.docx

Learning Outcomes

Title
Technical Skill and Performance

Learning Outcome
Students will exhibit advanced technical and performance mastery, expressing discipline, artistry, and the divine nature of the human form through embodied practice.

Title
Choreography

Learning Outcome
Students will create original works that apply advanced choreographic principles to integrate intellect and spirit, communicate meaning, and uplift audiences.

Title
Research and Theory

Learning Outcome
Student will analyze and apply dance theory and research to inform creative, scholarly, and pedagogical practice with clarity and rigor.

Title
Professionalism

Learning Outcome
Students will model integrity, discipline, and respect in all professional and collaborative endeavors, contributing responsibly to the field and community.

Title
Spiritual Values and Ethical Issues

Learning Outcome
Students will critically engage with spiritual, ethical, and professional issues in dance, aligning artistic expression with gospel-centered values and service.

Program Requirements

This is a limited-enrollment program requiring that students pass an audition and receive departmental acceptance. Please see the Dance Department for information regarding requirements for application to this major, and for all pre-major requirements.

Proficiency audition is required for placement and registration in technique courses.

Students are required to participate in regular proficiency assessments and are subject to being transferred from the BFA program into the BA program if proficiencies are not maintained.

All technique courses require at least a B- and teacher approval to advance to the next level.

The Dance Department requires a minimum of 30 hours of dance credit to be taken in residency at BYU's Provo campus for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 14 Courses

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

DANCE230 Conditioning - Conditioning 2.0

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take 2 times* 1.5

DANCE261 Freshman Seminar in Dance - Freshman Seminar in Dance 1.0

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE291R Ballet Technique 1 - Ballet Technique 1 - *You may take once* 1.5

DANCE317 Adv Writing for Dance - Adv Writing for Dance 3.0

DANCE342 Kinesiology for Dancers - Kinesiology for Dancers 4.0

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE355 Dnc Prductn Intro - Dnc Prductn Intro 2.0

DANCE459 Seminar in Dance - Seminar in Dance 1.0

DANCE460 Dance History and Theory - Dance History and Theory 3.0

DANCE469 Capstone in Dance - Capstone in Dance 2.0

Requirement 2 — Complete 1 Course

DANCE243R Std Workshop Cont Mdrn Dance - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

Requirement 3 — Complete 2.5 hours

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take once* 1.5v

Requirement 4 — Complete 2.5 hours

DANCE293R Ballet Technique 2 - Ballet Technique 2 - *You may take once* 1.5v

Requirement 5 — Complete 2.5 hours

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take 2 times* 1.5v

Requirement 6 — Complete 10 hours

Advanced technique:

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 - *You may take 4 times* 1.5v

DANCE341R Cntmpry Mdrn Tech Theory 4 - Cntmpry Mdrn Tech Theory 4 - *You may take 4 times* 2.5

DANCE370 Cultural Dance Technique 2 - Cultural Dance Technique 2 - *You may take 4 times* 1.0

DANCE373R Hungarian Dance Tech 2 – Hungarian Dance Technique 2 - - *You may take 4 times* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take 4 times* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take 4 times* 1.0

DANCE390R Ballet Technique 3 - Ballet Technique 3 - *You may take 4 times* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take 4 times* 3.0

DANCE440R Cont Mdrn Dnc Techng & Thry 5 - Cont Mdrn Dnc Techng & Thry 5 - *You may take 4 times* 2.5

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dance, International Technique 4 - - *You may take 4 times* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, International Technique 4 - - *You may take 4 times* 1.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take 4 times* 3.0

Requirement 7 — Complete 3 Requirements

CREATIVE PROCESSES COURSES

Requirement 7.1 — Complete 3 Courses

DANCE244R Beginning Creative Processes - Beginning Creative Processes - *You may take once* 1.0

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE462R Choreo, Adv - Dance Choreography, Advanced - *You may take once* 2.0

Requirement 7.2 — Complete 1 of 4 Courses

DANCE362 Cont Mdrn Dnce Choreo Interm - Cont Mdrn Dnce Choreo Interm 2.0

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography 2.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

Requirement 7.3 — Complete 1 of 4 Courses

DANCE377R Cultural Dance Choreography - Cultural Dance Choreography 2.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE462R Choreo, Adv - Choreo, Adv - *You may take 2 times* 2.0

Requirement 8 — Complete 2 hours

Dance 399R requires a minimum of 42 hours of approved off-campus intensive workshop experience per 1 credit hour registration. See advisor for more information.

DANCE399R Academic Internship: Dance BFA - Academic Internship: Dance BFA - *You may take up to 2.0 credit hours* 0.5v

Requirement 9 — Complete 6 hours

DANCE327R Living Legends - Living Legends -*You may take this course up to 3 times* 3.0v

DANCE338R Folk Dance Performance - Folk Dance Performance - *You may take 3 times* 2.0

DANCE368R DancEnsemble - DancEnsemble - *You may take 4 times* 1.0v

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take once* 2.0

DANCE398R Theatre Ballet Studio Company - Theatre Ballet Studio Company - *You may take 3 times* 3.0v

DANCE438R Folk Dance Performance Co - Folk Dance Performance Company -*You may take this course up to 3 times* 2.0v

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre - *You may take 3 times* 3.0v

DANCE488R Ballroom Dance Performance Co- Ballroom Dance Performance Company - *You may take this course up to 3 times* 3.0v

DANCE498R Theatre Ballet - Theatre Ballet - *You may take 3 times* 3.0v

Requirement 10 — Complete 1 hour

Note: Each time Dance 229 is taken, it must be taken for 0.5 credit hours.

Note: Students should enroll in D229 twice for 0.5 credits each to participate in two senior capstone concerts

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take 2 times* 0.5v

DANCE229R Dance Perf-1 - Dance Perf-1 - *You may take 2 times* 0.5v

Requirement 11 — Complete 1 of 6 Courses

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE331R Jazz Dance Technique 2 - Jazz Dance Technique 2 - *You may take once* 1.5

DANCE363R Dance Improvisation, Interm - Dance Improvisation, Interm - *You may take once* 1.0

DANCE392R Ballet Pointe 1- Ballet Pointe 1 1.0

DANCE393R Ballet Pointe 2 - Ballet Pointe 2 1.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take once* 0.5

Requirement 12 — Complete 1 of 8 Courses

DANCE364 Contemporary Partnering - Contemporary Partnering 1.0

DANCE373R Hungarian Dance Tech 2 - Hungarian Dance Technique 2 1.0

DANCE384R Ballroom Dnc, Intl Tech 3- Ballroom Dance Intl. Technique 3 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance Intl. Technique 3 1.0

DANCE480R Social Dance, Technique 3- Social Dance Technique 3 1.0

DANCE484R Ballroom Dnc, Intl Tech 4- Ballroom Dance Intl. Technique 4 1.0

DANCE485R Latin Dance, Intl Tech 4- Latin Dance Intl. Technique 4 1.0

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

Requirement 13 — Complete 1 of 4 Courses

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE376 Mthds of Tchg Cultural Dance - Methods of Teaching Cultural Dance Technique 2.0

DANCE386 Methods of Tchg Social Dance - Methods of Teaching Social Dance 2.0

DANCE396 Methods of Teaching Ballet - Methods of Teaching Ballet 2.0

Requirement 14 — Complete 1 of 3 Courses

DANCE354 Dance & Identity - Dance & Identity 2.0

DANCE357 Dance- A Reflection of Culture - Dance- A Reflection of Culture 2.0

DANCE359R Special Topics & Issues - Special Topics & Issues - *You may take once* 2.0

Requirement 15 — Complete 1 hour

Broader Genre Studies

DANCE170 Cultural Dance Introduction - Cultural Dance Introduction 1.0

DANCE171 American Clog Dance, Beginning - American Clog Dance, Beginning 1.0

DANCE172 Western Square & Amer Dance - Western Square & Amer Dance 1.0

DANCE173R Culture-Specific Dance Beg.- Culture-Specific Dance, Beg. 1.0

DANCE174 Irish Dance, Beginning - Irish Dance, Beginning 1.0

DANCE175 Polynesian Dance, Beginning - Polynesian Dance, Beginning 1.0

DANCE180 Social Dance, Beginning - Social Dance, Beginning 1.0

DANCE181 Cntry Wstrn Soc Dance, Beg - Cntry Wstrn Soc Dance, Beg 1.0

DANCE184 Ballroom Dnc, Intl Beginning - Ballroom Dnc, Intl Beginning 1.0

DANCE185 Latin Dance, Intl Beginning - Latin Dance, Intl Beginning 1.0

DANCE192 Character Dance - Character Dance 1.0

DANCE228R Mexican Dance Technique 1 - Mexican Dance Technique 1 1.0

DANCE233 Aerial Dance Tech - Aerial Dance Technique 1.0

DANCE235R Tap Dance Technique 1 - Tap Dance Technique 1 - *You may take once* 1.0

DANCE234R Pilates - Pilates- *You may take 2 times* 0.5v

DANCE245 Foundational Street Dance - Urban & Street Dance Forms 1.0

DANCE271R Clogging Dance Int Tech 1- Clogging Dance Int. Tech-1 1.0

DANCE272 Cultural Dance Forms - Culture-Specific Dance Technique 1 1.0

DANCE273R Hungarian Dance Tech1 - Hungarian Dnc, Tec-1 1.0

DANCE274R Irish Dance Tech 1 - Irish Dnc Tec-1 1.0

DANCE277 Spanish Dance Tech 1 - Spanish Dance Tech 1 1.0

DANCE278 Ukrainian Dance Tech 1 - Ukrainian Dnc, Tec-1 1.0

DANCE279 Indian Dance: prct/thry, tech1 - Indian Dance: prct/thry, tech1 1.0

DANCE400R Workshop in Ballet - Workshop in Ballet - *You may take once* 0.5v

DANCE400R Studies in Dance - Studies in Dance - *You may take once* 0.5v

Contemporary Dance (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
17

Program Requirements

The Dance Department requires a minimum of 10.5 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 1 Course

DANCE241R Contemp Mdrn, Tech & Theory 2 - Contemp Mdrn, Tech & Theory 2 - *You may take once* 1.5

Requirement 2 — Complete 5 Courses

Core courses:

DANCE 243R - Std Workshop Cont Mdrn Dance - *You may take once* 2.5

DANCE 244R - Beginning Creative Processes - *You may take once* 1.0

DANCE261 Freshman Seminar in Dance- Freshman Seminar in Dance 1.0

DANCE 362 - Cont Mdrn Dnce Choreo Interm 2.0

DANCE 363R - Dance Improvisation, Interm - *You may take once* 1.0

Requirement 3 — Complete 1 of 3 Courses

DANCE 365 - Creative Dance Elementary Edu 2.0

DANCE 366 - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE 367 - MthdsTchg Chld Creative Dance 2.0

Requirement 4 — Complete 6 hours

Note: R-suffix courses may not be taken more than once for minor credit.

DANCE264 Music for Dancers - Music for Dancers 2.0

DANCE340R Cont Modrn Tech & Theory 3 - Cont Modrn Tech & Theory 3 *2.5v*

DANCE343 Principles of Somatics - Principles of Somatics 2.0

DANCE348R Kinnect - Kinnect - *2.0v*

DANCE351 Laban Movement Analysis - Laban Movement Analysis 2.0

DANCE358 Dance and Film - Dance and Film 2.0

DANCE365 Creative Dance Elementary Edu - Creative Dance Elementary Edu 2.0

DANCE366 Tchg Mthds of Mdrn & Cont Dnce - Tchg Mthds of Mdrn & Cont Dnce 2.0

DANCE367 MthdsTchg Chld Creative Dance - MthdsTchg Chld Creative Dance 2.0

DANCE368R DancEnsemble - DancEnsemble - *2.0v*

DANCE462R Choreo, Adv - Choreo, Adv 2.0

DANCE468R Contemporary Dance Theatre - Contemporary Dance Theatre *3.0*

Note: A higher-level technique course may substitute for a lower-level course with Contemporary Area approval.

Ballroom Dance (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Program Requirements

The Dance Department requires a minimum of 10 hours to be completed in residency at BYU for this minor program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete All of the Following Courses

DANCE280 Social Dance, Technique 1 - Social Dance, Technique 1 1.0

DANCE284 Ballroom Dnce, Intl Tech 1 - Ballroom Dnce, Intl Tech 1 1.0

DANCE285 Latin Dance, Intl Tech 1 - Latin Dance, Intl Tech 1 1.0

DANCE387R Ballroom Dance Choreography - Ballroom Dance Choreography 2.0

DANCE489R Preparation for Bllrm Comptitn - Preparation for Bllrm Comptitn - *You may take once* 1.0

Requirement 2 — Complete 1 of 3 Courses

DANCE386 Methods of Tchg Social Dance - Methods of Tchg Social Dance 2.0

DANCE486 Theory & Not of Intl Ballroom - Theory & Not of Intl Ballroom 2.0

DANCE487 Theory & Not of Intl Latin Dnc - Theory & Not of Intl Latin Dnc 2.0

Requirement 3 — Complete 5 hours

No more than 3 hours may be completed from each of the listed R technique courses.

DANCE380R Social Dance, Advanced - Social Dance, Advanced - *You may take up to 3.0 credit hours* 1.0

DANCE382R Ballroom Dnce, Intl Tech 2 - Ballroom Dnce, Intl Tech 2 - *You may take up to 3.0 credit hours* 1.0

DANCE383R Latin Dance, Intl Tech 2 - Latin Dance, Intl Tech 2 - *You may take up to 3.0 credit hours* 1.0

DANCE384R Ballroom Dnc, Intl Tech 3 - Ballroom Dnc, Intl Tech 3 - *You may take up to 3.0 credit hours* 1.0

DANCE385R Latin Dance, Intl Tech 3 - Latin Dance, Intl Tech 3 - *You may take up to 3.0 credit hours* 1.0

DANCE480R Social Dance, Technique 3 - Social Dance, Technique 3 - *You may take up to 3.0 credit hours* 1.0

DANCE484R Ballroom Dnc, Intl Tech 4 - Ballroom Dnc, Intl Tech 4 - *You may take up to 3.0 credit hours* 1.0

DANCE485R Latin Dance, Intl Tech 4 - Latin Dance, Intl Tech 4 - *You may take up to 3.0 credit hours* 1.0

Requirement 4 — Complete 2 hours

DANCE288R Ballroom Dance Performance Beg - Bllrm Dnc Performance Beg - *You may take up to 2.0 credit hours 1.0*

DANCE388R Bllrm Dnc Performance Intrmd - Bllrm Dnc Performance Intrmd - *You may take up to 2.0 credit hours* 2.0

DANCE399R Academic Intrnshp: Gen'l Dance - Academic Intrnshp: Gen'l Dance - *You may take once* 0.5v

DANCE488R Ballroom Dance Performance Co - Ballroom Dance Performance Co - *You may take up to 2.0 credit hours* 3.0v

Ballet (Minor)

Program Information

Minimum Credit Hours
16.5

Maximum Credit Hours
16.5

Program Requirements

A minimum of 8 credit hours must be completed in residency at BYU for this minor program.

Requirement 1 —Complete 3 Courses

DANCE396 Methods of Teaching Ballet- Methods of Teaching Ballet 2.0

DANCE397R Ballet Choreography - Ballet Choreography - *You may take once* 2.0

DANCE495R Pas de Deux - Pas de Deux - *You may take once* 1.0

Requirement 2 — Complete 1 of 2 Courses

DANCE398R Theatre Ballet Studio Company - Theatre Ballet Studio Company - *You may take once* 3.0

DANCE498R Theatre Ballet - Theatre Ballet- *You may take once* 3.0

Requirement 3 — Complete 1 hour

DANCE234R Pilates - Pilates 1.0v

DANCE294R Ballet Technique, Men - Ballet Technique, Men - *You may take once* 1.5

DANCE392R Ballet Pointe 1 - Ballet Pointe 1 - *You may take once* 1.0

DANCE393R Ballet Pointe 2 -Ballet Pointe 2 –You may take once 1.0

DANCE494R Ballet Pointe/Variations - Ballet Pointe/Variations - *You may take 2 times* 0.5

Requirement 4 — Complete 7.5 hours

DANCE293R Ballet Technique 2 - Ballet Technique 2 *You may take 3 times 1.*5v

DANCE390R Ballet Technique 3- Ballet Technique 3 - *You may take 3 times* 1.5v

DANCE391R Ballet Technique 4 - Ballet Technique 4 - *You may take 3 times* 3.0

DANCE490R Ballet Technique 5 - Ballet Technique 5 - *You may take 3 times* 3.0

Note: A higher-level technique course may substitute for a lower level course with department approval.

Global and Community Impact (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
19

Program Requirements

Requirement 1 — Complete 13 hours

GCI300 Social Impact - Social Impact 3.0

GCI320 Implementing Social Impact - Implementing Social Impact 3.0

GCI310 Designing Social Impact - Designing Social Impact 3.0

GCI330 Evaluating Social Impact - Evaluating Social Impact 3.0

GCI381R Social Impact Lectures - Social Impact Lectures - *You may take once* 1.0

Requirement 2 — Complete 1 of 5 Courses

GCI440R Startups for Good - Startups for Good - *You may take once* 2.0v

GCI430R Ballard Brief - Ballard Brief - *You may take once* 3.0

GCI450R Creating Virtuous Orgs - Creating Virtuous Orgs - *You may take once* 3.0

GCI435R GoodMeasure - GoodMeasure - *You may take once* 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

Requirement 3 — Complete 1 of 18 Courses

EDLF362 Intro International Dev Ed - Intro International Dev Ed 3.0

EDLF363 Ed, Poverty & Community Dev - Ed, Poverty & Community Dev 3.0

FHSS300 Leadership Projects - Leadership Projects 2.0

GES200 Intro to Global Enviro Studies - Intro to Global Enviro Studies 3.0

HLTH480 International Health - International Health 3.0

IAS220 Intro Devel Stu - Intro Devel Stu 3.0

GCI440R Startups for Good - Startups for Good - *You may take once* 2.0v

GCI430R Ballard Brief - Ballard Brief - *You may take once* 3.0

GCI450R Creating Virtuous Orgs - Creating Virtuous Orgs - *You may take once* 3.0

GCI435R GoodMeasure - GoodMeasure - *You may take once* 3.0

GCI460 Advanced Social Impact - Advanced Social Impact 2.0

GCI447 Impact Investing - Impact Investing 3.0

GCI448 Advanced Impact Investing - Advanced Impactc Investing 3.0

GCI443 Corporate Social Impact - Corporate Social Impact 3.0

GCI488 Improving Helping Behavior - Improving Helping Behavior 3.0

GCI491R Topics in Social Impact - Topics in Social Impact - *You may take once* 2.0v

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

TMA469 Theatre Management - Theatre Management 3.0

Experience Design and Management (BS) *

Program Information

Minimum Credit Hours
64

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Experience Design and Management 2026-2027.docx

Learning Outcomes

Title
Integrate Business with Experience Design

Learning Outcome
Apply business strategy, financial analysis, marketing principles, and organizational behavior insights to experience design decisions, demonstrating intellectual rigor and integrative thinking to create solutions that achieve measurable business objectives while promoting human flourishing.

Title
Discover Insights

Learning Outcome
Conduct qualitative and quantitative research to identify opportunities where designed experiences can create meaningful value, demonstrating intellectual humility, respect for diverse perspectives, and commitment to truth-seeking as essential to becoming discerning, lifelong learners.

Title
Design Intentional Experiences

Learning Outcome
Employ the experience design process to create human-centered experiences that engage participants as co-creators, applying compassion, sound judgment, and theory-driven design choices to support human flourishing and meaningful engagement.

Title
Lead Implementation Processes

Learning Outcome
Manage cross-functional project teams using agile methodologies to stage designed experiences with fidelity to design intent, exercising Christlike leadership through collaboration, integrity, and service while adapting responsibly to organizational constraints.

Title
Demonstrate Impact That Matters

Learning Outcome
Design and implement measurement systems that evaluate both business performance and experience quality, using data with ethical stewardship and intellectual honesty to drive continuous improvement that serves individuals, organizations, and communities.

Title
Practice Inclusive Design

Learning Outcome
Apply inclusive design principles to create accessible experiences that honor the inherent worth and divine potential of every person, enabling meaningful and equitable participation for people of diverse backgrounds, abilities, and perspectives.

Program Requirements

Students are advised to take STAT 121 to fulfill their Languages of Learning general education requirement.

Requirement 1 —Complete 3 Courses

Complete the following prerequisite management courses:

ACC200 Principles of Accounting - Principles of Accounting 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

Apply and be formally accepted into the program.

Requirement 2 —Complete 2 Requirements

Complete the following Experience Design and Management Core courses:

Requirement 2.1 —Complete 8 Courses

EXDM404 Experience Design - Experience Design 3.0

EXDM405 ExDM Theories & Frameworks - ExDM Theories & Frameworks 3.0

EXDM415 Experience-Centric Management - Experience-Centric Management 3.0

EXDM416 Experiential Marketing - Experiential Marketing 3.0

EXDM418 Designing for Inc & Belonging - Designing for Inc & Belonging 3.0

EXDM422 Experience Needfinding - Experience Needfinding 3.0

EXDM423 Experience Insights - Experience Insights 3.0

EXDM495 Professional Preparation - Professional Preparation 1.5

Requirement 2.2 —Complete 1.5 hours

EXDM496R Senior Internship - Senior Internship - *You may take up to 1.5 credit hours* 0.5v

Requirement 3 —Complete 10 Courses

Complete the following Business Core courses:

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GSCM201 Intro Global Supply Chain Mgt - Intro Global Supply Chain Mgt 1.5

GSCM211 Intro to GSCM International - Intro to GSCM International 1.5

HRM391 Organizational Effectiveness - Organizational Effectiveness 3.0

IS110 Spreadsheets & Bus Analysis - Spreadsheets & Bus Analysis 1.0

M COM320 Management Communication - Commun in Organiztnl Settings 3.0

MKTG201 Marketing Management - Marketing Management 3.0

PSE390 Ethics for Management - Ethics for Management 3.0

STRAT392 Strategy and Economics - Strategy and Economics 3.0

Requirement 4 —Complete 2 Requirements

Requirement 4.1 — Complete 3 hours

EXDM302 Hospitality Management - Hospitality Management 3.0

EXDM303 Intro to Sports Management - Intro to Sports Management 3.0

EXDM306 Festivals and Events - Festivals and Events 3.0

EXDM307 Sport & Entrtnmnt Venue Mngmnt - Sport & Entrtnmnt Venue Mngmnt 3.0

EXDM311 Positive Psychology in ExDM - Positive Psychology in ExDM 3.0

EXDM430 Opportunities in Exp. Econ. - Opportunities in Exp. Econ. 1.5

EXDM431 Customer Experience Management - Customer Experience Management 1.5

EXDM490R Topics in EXDM - Topics in EXDM - 0.5v

EXDM494R Experience Design Lab - Experience Design Lab - *You may take once* 3.0

EXDM585R Exp Design Research Seminar - Exp Design Research Seminar - *You may take once* 3.0

Requirement 4.2 — Complete 3 hours

(May not double count with Requirement 4.1)

DESGD362 Interactive Typographic Sys - Interactive Typographic Sys 3.0

DESPX260 Intro to Digital Product - Intro to Digital Product 3.0

DESPX261 User Experience 2 - User Experience 2 3.0

ENGL394R Applied English - Applied English - *You may take once* 3.0

EXDM302 Hospitality Management - Hospitality Management 3.0

EXDM303 Intro to Sports Management - Intro to Sports Management 3.0

EXDM306 Festivals and Events - Festivals and Events 3.0

EXDM307 Sport & Entrtnmnt Venue Mngmnt - Sport & Entrtnmnt Venue Mngmnt 3.0

EXDM311 Positive Psychology in ExDM - Positive Psychology in ExDM 3.0

EXDM430 Opportunities in Exp. Econ. - Opportunities in Exp. Econ. 1.5

EXDM431 Customer Experience Management - Customer Experience Management 1.5

EXDM490R Topics in EXDM - Topics in EXDM - *You may take once* 0.5v

EXDM494R Experience Design Lab - Experience Design Lab - *You may take once* 3.0

EXDM585R Exp Design Research Seminar - Exp Design Research Seminar - *You may take once* 3.0

GSCM419 Customer Relationship Mgmt - Customer Relationship Mgmt 3.0

MKTG412 Professional Selling - Professional Selling 3.0

MKTG415 Digital Marketing - Digital Marketing 3.0

HL288 Intro to Healthcare Leadership - Healthcare Industry Dynamics 3.0

GCI300 Social Impact - Social Impact 3.0

HL382 Delivering Value in Healthcare - Healthcare Delivery Management 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Complete the Senior Exit Survey.

Recommended Courses are not required to complete the program

Recommended Courses:

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Physical Science Education (BS)

Program Information

Minimum Credit Hours
79.5

Maximum Credit Hours
80.5

Major Academic Plan
MAPS - BS in Physical Science Education 2026-2027.docx

Learning Outcomes

Title
Physical Science Fundamentals

Learning Outcome
Students will obtain a broad basic knowledge of physical sciences.

Title
Instruction Design and Development

Learning Outcome
Students will be able to design individual lectures reflecting the curriculum and informed by best practices in pedagogy and technology.

Title
Utah Teacher and TEAC Standards

Learning Outcome
Students understand and apply the goals and standards of the Utah Teacher and TEAC.

Title
Professional and Moral Practice

Learning Outcome
Students understand and apply the Guiding Principles of Teaching as embraced by the McKay School of Education.

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 175 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 —Complete 17 Courses

Note for Geol 210: Contact Geological Sciences Department (S-389 ESC) before April 15th for dates of upcoming August field trip.

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM331 Guided Learn Chem Instruction - Guided Learn Chem Instruction 3.0

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

Requirement 2 —Complete 1 of 5 Courses

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL480 Paleontology - Paleontology 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

Requirement 3 —Complete 3 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the exit interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment. Note: FBI fingerprint and background clearance must be completed prior to enrollment in Phy S 276.

Requirement 3.1 —Complete 6 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 3.2 — Complete 1 of 2 Options

Option 3.2.1 — Complete 1 Course

PHY S312 Science and Tech - Science and Tech 3.0

Option 3.2.2 — Complete 3 Courses

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 in El. Ed. - Integrating K-12 in El. Ed. 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

Requirement 3.3 — Complete 12 hours

Apply for student teaching/internship one semester in advance by September 30 or January 31st. Applications are online at www.byu.edu/fieldservices.html.

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete all required EPP assessments and paperwork in the Educator system.

Chemistry (Minor)

Program Information

Minimum Credit Hours
20.5

Maximum Credit Hours
21.5

Program Requirements

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 3 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

Option 1.2 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Requirement 2 — Complete 2 of 8 Courses

CHEM351 Organic Chemistry 1 - Organic Chemistry 1 3.0

CHEM352 Organic Chemistry 2 - Organic Chemistry 2 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM481 Biochemistry - Biochemistry 3.0

Requirement 3 — Complete 1 Course

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

Requirement 4 — Complete 2 hours

NOTE: Chem 353 or Chem 354 may be taken for 1 or 2 credits.

CHEM353 Organic Chem Lab-Nonmajors - Organic Chem Lab-Nonmajors 1.0v

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

Requirement 5 — Complete 1 of 2 Courses

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

Note: When all of the chemistry credit required for a minor is transferred from another school, at least one course in chemistry must be taken at BYU with a grade of C or better - or the student may request to take a standardized national exam covering advanced material required for the minor. Chemistry programs at some schools have been evaluated, and their credit is acceptable for the minor.

Chemistry Education (Minor)

Program Information

Minimum Credit Hours
28.5

Maximum Credit Hours
30.5

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools with a level 2 chemistry endorsement. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 3 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

Option 1.2 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Requirement 2 — Complete 2 Courses

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

Requirement 3 — Complete 3 Courses

CHEM285 Intro Bio-organic Chemistry - Intro Bio-organic Chemistry 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM481 Biochemistry - Biochemistry 3.0

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

Requirement 4 — Complete 1 Course

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

Requirement 5 — Complete 1 Course

CHEM477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Note: When all of the chemistry credit required for a minor is transferred from another school, at least one course in chemistry must be taken at BYU with a grade of C or better -- or the student may request to take a standardized national exam covering advanced material required for the minor. Chemistry programs at some schools have been evaluated, and their credit is acceptable for the minor.

Chemistry (BS)

Program Information

Minimum Credit Hours
76

Maximum Credit Hours
76

Major Academic Plan
MAPS - BS in Chemistry 2026-2027.docx

Learning Outcomes

Title
Chemistry Fundamentals

Learning Outcome
Program graduates will have demonstrated a mastery of core concepts and principles in the five chemistry sub-disciplines: analytical chemistry, biochemistry, inorganic chemistry, organic chemistry, and physical chemistry.

Title
Laboratory Procedures and Practice

Learning Outcome
Program graduates will be able to perform basic laboratory procedures in multiple areas of chemistry, including safely applying appropriate lab practices and accurate record keeping. Graduates will also be able to design and troubleshoot effective experiments, critically analyze and present data, and be able to carry out an independent project in a laboratory setting.

Title
Research

Learning Outcome
Program graduates who choose to engage in mentored research will be able to draw on classroom knowledge, laboratory classes, and personal revelation to make an individual contribution in a research laboratory.

Title
Effective Communication

Learning Outcome
Program graduates will be able to effectively communicate ideas and experimental results in a variety of formats, including written reports, oral presentations, and technical graphics. Graduates will also be able to search, read, and understand technical literature in the chemical sciences related to their area of interest.

Title
Career Preparation

Learning Outcome
Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education and identify how chemistry can be used to improve the human condition.

Title
Professionalism

Learning Outcome
Program graduates will demonstrate the highest levels of integrity. They will also be professional and ethical as they collaborate with and mentor others.

Title
Faith and Science

Learning Outcome
Students will develop an appreciation for the relationship between faith and science in a way that strengthens their testimony of the Restored Gospel of Jesus Christ.

Program Requirements

Requirement 1 — Complete 20 Courses

Note: With department approval, Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113. Math 314 may substitute for Chem 460. Note: 2 credit hours of Chem 354 are required.

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM195 Intro to Chem & Biochem - Intro to Chem & Biochem 0.5

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 2.0

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM495 Senior Seminar - Senior Seminar 0.5

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM594R General Seminar - General Seminar - *You may take once* 0.5

Requirement 2 — Complete 6 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

Requirement 3 — Complete 1 of 2 Options

Complete one of the following advanced options:

Option 3.1 — Complete 1 Course

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

Option 3.2 — Complete 2 Courses

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

Requirement 4 — Complete 12.0 hours

After consulting with an advisor, complete 12 hours from the following. NOTE: Only one of Bio 130, CELL 120, or PHSCS 123 can be applied to this requirement. NOTE: With approval, certain other 300-level and above courses in the allied fields of physics, statistics, engineering, and biology may be taken to satisfy this requirement. NOTE: Any course not taken to satisfy Requirement 3 can be taken to satisfy Requirement 4.

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take up to 3.0 credit hours* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM483 Bioenergetics & Metabolism - Bioengergetics and Metabolism 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM555 Organic Spectroscopic Ident - Organic Spectroscopic Ident 2.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM575 X-ray Diffraction - X-ray Diffraction 3.0

CHEM581 Adv Biochemical Methodology 1 - Biochemistry 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, and Thermo 3.0

Recommended Courses are not required to complete the program

Recommended Courses: Phscs 225; Stat 201.

Note: Elective courses, beyond the requirements above, should be selected in consultation with an advisor. The following should be given consideration: advanced chemistry, foreign languages (especially French, German, Japanese, and Russian), biological sciences, computer science, engineering, mathematics, physics, statistics.

Biochemistry (BS)

Program Information

Minimum Credit Hours
77

Maximum Credit Hours
77

Major Academic Plan
MAPS - BS in Biochemistry 2026-2027.docx

Learning Outcomes

Title
Chemistry and Biochemistry Fundamentals

Learning Outcome
Program graduates will have demonstrated a mastery of core concepts and principles in general, analytical, organic, and physical chemistry, with an in-depth mastery of biochemistry.

Title
Laboratory Procedures and Practice

Learning Outcome
Program graduates will be able to perform basic laboratory procedures used in multiple areas of chemistry and biochemistry, including safely applying appropriate lab practices and accurate record keeping. Graduates will also be able to design and troubleshoot effective experiments, critically analyze data, and be able to carry out an independent project in a laboratory setting.

Title
Research

Learning Outcome
Program graduates who choose to participate in mentored research will be able to draw on classroom knowledge, laboratory classes, and personal revelation to make an individual contribution in a research laboratory.

Title
Effective Communication

Learning Outcome
Program graduates will be able to effectively communicate ideas and experimental results in a variety of formats, including written and oral reports and technical graphics. Graduates will also be able to search, read, and understand technical literature in the biochemical sciences related to their area of interest.

Title
Career Preparation

Learning Outcome
Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education and identify how biochemistry can be used to improve the human condition.

Title
Professionalism

Learning Outcome
Program graduates will demonstrate the highest levels of integrity. They will also be professional and ethical as they collaborate with and mentor others.

Title
Faith and Science

Learning Outcome
Students will develop an appreciation for the relationship between faith and science in a way that strengthens their testimony of the Restored Gospel of Jesus Christ.

Program Requirements

Requirement 1 — Complete 20 Courses

Note: With department approval Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113. Note: Only 1 credit hour of Chem 354 is required; completion of 2 credit hours will satisfy the requirement for Chem 354 and 1 credit hour of electives under Requirement 5.

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2- Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM195 Intro to Chem & Biochem - Intro to Chem & Biochem 0.5

CHEM201 Chem Handling & Safe Lab Prac- Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major - *You may take up to 1.0 credit hours* 1.0v

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM483 Bioenergetics & Metabolism - Bioenergetics & Metabolism 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM495 Senior Seminar - Senior Seminar 0.5

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar- General Seminar - *You may take up to 0.5 credit hours* 0.5

Requirement 2 — Complete 5 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism- Intro Electricity & Magnetism 3.0

PWS340 Genetics - Genetics 3.0

Requirement 3 — Complete 1 of 2 Options

Option 3.1 — Complete 1 Course

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Option 3.2 — Complete 2 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 — Complete 1 Course

CELL360 Cell Biology- Cell Biology 3.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

MMBIO463 Immunology- Immunology 3.0

MMBIO465 Virology - Virology 3.0

MMBIO368 Genomics - Genomics 3.0

Requirement 5 — Complete 7 hours

After consulting with an advisor, complete 7 hours from the following. NOTE: Only one of Bio 130, CELL 120, or PHSCS 123 can be applied to this requirement. NOTE: Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours. NOTE: With prior approval, many 300-level and above courses in biology, integrative biology, microbiology and molecular biology, and physiology and developmental biology will fill this requirement.

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy - *You may take up to 4.0 credit hours* 4.0

CHEM460 Math for Physical Chemistry- Math for Physical Chemistry 1.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory - *You may take up to 4.0 credit hours* 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture - *You may take up to 4.0 credit hours* 2.0

CHEM523 Instrumental Analysis Lab- Instrumental Analysis Lab - *You may take up to 4.0 credit hours* 2.0

CHEM552 Advanced Organic Chemistry- Advanced Organic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics - *You may take up to 4.0 credit hours* 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry - *You may take up to 4.0 credit hours* 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics - *You may take up to 4.0 credit hours* 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy - *You may take up to 4.0 credit hours* 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM575 X-ray Diffraction - X-ray Diffraction 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 - *You may take up to 4.0 credit hours* 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 - *You may take up to 4.0 credit hours* 3.0

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

PHSCS123 Intro to Waves, Optics, Thermo- Intro to Waves, Optics, Thermo 3.0

Recommended Courses are not required to complete the program

Recommended Courses: Chem 460.

Note: Supporting courses suggested by most medical and dental schools are found by visiting the Preprofessional Advisement Office. The more rigorous chemistry, mathematics, and physics courses required for the chemistry majors will satisfy the minimum requirements listed there. Elective courses in biochemistry and in biological science are especially pertinent to these preprofessional programs.

Chemistry (BA)

Program Information

Minimum Credit Hours
57.5

Maximum Credit Hours
57.5

Major Academic Plan
MAPS - BA in Chemistry 2026-2027.docx

Learning Outcomes

Title
Research

Learning Outcome
Program graduates who choose to participate in mentored research will be able to draw on classroom knowledge, laboratory classes, and personal revelation to make an individual contribution in a research laboratory.

Title
Laboratory Procedures and Practice

Learning Outcome
Program graduates will be able to perform basic laboratory procedures in multiple areas of chemistry, including safely applying appropriate lab practices and accurate record keeping. Graduates will also be able to design and troubleshoot effective experiments, critically analyze and present data, and be able to carry out an independent project in a laboratory setting.

Title
Chemistry Fundamentals

Learning Outcome
Program graduates will have demonstrated a mastery of core concepts and principles in general, analytical, organic, and physical chemistry.

Title
Effective Communication

Learning Outcome
Program graduates will be able to effectively communicate ideas and experimental results in a variety of formats, including written reports, oral presentations, and technical graphics. Graduates will also be able to search, read, and understand technical literature in the chemical sciences related to their area of interest.

Title
Career Preparation

Learning Outcome
Students approaching the end of their course of study will be able to make informed choices among post-graduate opportunities for work or further education and identify how chemistry can be used to improve the human condition.

Title
Professionalism

Learning Outcome
Program graduates will demonstrate the highest level of integrity. They will also be professional and ethical as they collaborate with and mentor others.

Title
Faith and Science

Learning Outcome
Students will develop an appreciation for the relationship between faith and science in a way that strengthens their testimony of the Restored Gospel of Jesus Christ.

Program Requirements

Requirement 1 — Complete 8 Courses

Note: With departmental approval, Chem 105 may substitute for Chem 111, and Chem 106 for Chem 112; and Chem 107 for Chem 113.

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM195 Intro to Chem & Biochem - Intro to Chem & Biochem 0.5

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM495 Senior Seminar - Senior Seminar 0.5

Requirement 2 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

Requirement 3 — Complete 1 of 3 Options

Option 3.1 — Complete 3 Requirements

Requirement 3.1.1 — Complete 6 Courses

Chem 354 must be taken for 2 credit hours. Math 314 may substitute for Chem 460.

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors- Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major - *You may take up to 2.0 credit hours* 1.0v

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 3.1.2 — Complete 1 of 4 Courses

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM467 Physical Chemistry - Engineers - Physical Chemistry - Engineers 3.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

Requirement 3.1.3 — Complete 11 Hours

Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours

CELL360 Cell Biology - Cell Biology 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major- *You may take up to 2.0 credit hours* 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM483 Bioenergetics & Metabolism- Bioenergetics and Metabolism 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM575 X-ray Diffraction - X-ray Diffractions 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar - General Seminar - *You may take up to 0.5 credit hours* 0.5

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

Option 3.2 — Complete 3 Requirements

Requirement 3.2.1 — Complete 7 Courses

Math 314 may substitute for Chem 460.

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 3.2.2 — Complete 1 of 2 Courses

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

Requirement 3.2.3 — Complete 11 Hours

Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours

CELL360 Cell Biology - Cell Biology 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major- *You may take up to 2.0 credit hours* 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM483 Bioenergetics & Metabolism- Bioenergetics and Metabolism 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM575 X-ray Diffraction - X-ray Diffractions 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar - General Seminar - *You may take up to 0.5 credit hours* 0.5

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

Option 3.3 — Complete 3 Requirements

Requirement 3.3.1 — Complete 7 Courses

Note: Only 1 credit hour of Chem 354 is required; completion of 2 credit hours will satisfy the requirement for Chem 354 and 1 credit hour of electives under Requirement 3.3

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM352M Organic Chemistry 2 - Majors- Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major - *You may take up to 2.0 credit hours* 1.0v

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

Requirement 3.3.2 — Complete 1 of 2 Options

Option 3.3.2.1 — Complete 1 Course

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Option 3.3.2.2 —Complete 2 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 3.3.3 — Complete 6 Hours

Chem 355 cannot be taken if Chem 354 was taken for 2 credit hours

CELL360 Cell Biology - Cell Biology 3.0

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major- *You may take up to 2.0 credit hours* 1.0v

CHEM355 Organic Lab 2 - Nonmajors - Organic Lab 2 - Nonmajors 1.0

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take once* 0.5v

CHEM455 Synthesis & Qual Organic Analy - Synthesis & Qual Organic Analy 4.0

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM482 Mechanisms of Molecular Biol - Mechanisms of Molecular Biol 3.0

CHEM483 Bioenergetics & Metabolism- Bioenergetics and Metabolism 3.0

CHEM489 Structural Biochemistry - Structural Biochemistry 3.0

CHEM496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

CHEM518 Advanced Inorganic Laboratory - Advanced Inorganic Laboratory 2.0

CHEM521 Instrumental Analysis Lecture - Instrumental Analysis Lecture 2.0

CHEM523 Instrumental Analysis Lab - Instrumental Analysis Lab 2.0

CHEM552 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM553 Advanced Organic Chemistry - Advanced Organic Chemistry 3.0

CHEM563 Reaction Kinetics - Reaction Kinetics 3.0

CHEM565 Intro to Quantum Chemistry - Intro to Quantum Chemistry 3.0

CHEM567 Statistical Mechanics - Statistical Mechanics 3.0

CHEM569 Fundamentals of Spectroscopy - Fundamentals of Spectroscopy 3.0

CHEM571 Polymer & Materials Chemistry - Polymer & Materials Chemistry 3.0

CHEM575 X-ray Diffraction - X-ray Diffractions 3.0

CHEM581 Adv Biochemical Methodology 1 - Adv Biochemical Methodology 1 3.0

CHEM583 Adv Biochemical Methodology 2 - Adv Biochemical Methodology 2 3.0

CHEM584 Adv Biochemistry Methods 1 - Adv Biochemistry Methods 1 3.0

CHEM586 Adv Biochemistry Methods 2 - Adv Biochemistry Methods 2 3.0

CHEM594R General Seminar - General Seminar - *You may take up to 0.5 credit hours* 0.5

CHEM596R Special Topics in Chemistry - Special Topics in Chemistry - *You may take up to 3.0 credit hours* 0.5v

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

Note 1: With prior approval, certain 300-level and above courses in biology, engineering, physics, and statistics may be taken to satisfy Requirement 3.

Recommended Courses are not required to complete the program

Recommended Courses: PHSCS 225.

Note: Supporting courses suggested by most medical and dental schools are found by visiting the Preprofessional Advisement Center (ppa.byu.edu). The more rigorous chemistry, mathematics, and physics courses required for the chemistry majors will satisfy the minimum requirements listed there.

Chemistry Education (BS)

Program Information

Minimum Credit Hours
82.5

Maximum Credit Hours
82.5

Major Academic Plan
MAPS - BS in Chemistry Education 2025-2026.pdf

Learning Outcomes

Title
Chemistry Fundamentals

Learning Outcome
Program graduates will have demonstrated a solid conceptual understanding of the structure and reactivity of matter and will firmly grasp the key ideas and practices in general, analytical, and organic chemistry, with additional specialization in areas of interest.

Title
Laboratory Procedures and Practice

Learning Outcome
Program graduates will be able to perform basic laboratory procedures used in general and analytical chemistry, including safely applying appropriate lab practices and accurate record keeping. They will also be able to design and troubleshoot effective experiments and critically analyze data.

Title
Professional Ethics

Learning Outcome
Program graduates will demonstrate professional and scientific ethics. They will apply the Moral Dimensions of Teaching embraced by the McKay School of Education.

Title
Career Preparation

Learning Outcome
Graduates will be prepared to be effective educators at the secondary level and will be able to effectively communicate the range of career opportunities in the chemical sciences open to their students.

Title
Communication, Pedagogy and Classroom Management

Learning Outcome
Program graduates will be able to search, read, and understand technical literature related to chemistry and chemistry education and effectively communicate chemical ideas orally, graphically, and in writing to both scientific and lay audiences. Program graduates will be able to design three-dimensional science instruction that supports student learning of disciplinary core ideas, scientific practices, and crosscutting concepts, and implement student-centered pedagogies to engage students from diverse cultural backgrounds, create meaningful assessments, and modify instruction based on student learning data.

Title
Research

Learning Outcome
Program graduates who choose to engage in mentored research will be able to draw on classroom knowledge, laboratory classes, and personal revelation to make an individual contribution in a research laboratory.

Title
Faith and Science

Learning Outcome
Students will develop an appreciation for the relationship between faith and science in a way that strengthens their testimony of the Restored Gospel of Jesus Christ.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Contact Education Student Services for entrance requirements into the licensure program.

A teaching minor is not required for licensure. However, it is strongly recommended.

Requirement 1 — Complete 9 Courses

Note: With department approval Chem 105 may substitute for Chem 111; and Chem 106 for Chem 112; and Chem 107 for Chem 113.

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

CHEM113 Intro General Chemistry Lab - Intro General Chemistry Lab 2.0

CHEM195 Intro to Chem & Biochem - Freshman Seminar 0.5

CHEM201 Chem Handling & Safe Lab Prac - Chem Handling & Safe Lab Prac 0.5

CHEM227 Principles of Chem Analysis - Principles of Chem Analysis 4.0

CHEM331 Guided Learn Chem Instruction - Guided Learn Chem Instruction 3.0

CHEM391 Tech Writing Using Chem Lit - Tech Writing Using Chem Lit 3.0

CHEM495 Senior Seminar - Senior Seminar 0.5

Requirement 2 — Complete 1 of 2 Courses

CHEM351M Organic Chemistry 1 - Majors - Organic Chemistry 1 - Majors 3.0

CHEM357 Industrial Organic Chemistry - Industrial Organic Chemistry 3.0

Requirement 3 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

Requirement 4 — Complete 9 hours

Note: Chem 354 may be taken for either 1 or 2 credit hours.

CHEM352M Organic Chemistry 2 - Majors - Organic Chemistry 2 - Majors 3.0

CHEM354 Organic Chem Lab-Major - Organic Chem Lab-Major 1.0v

CHEM381 Biochem Fundamentals - Biochem Fundamentals 3.0

CHEM384 Biochem Methods - Biochem Methods 1.0

CHEM397R Mentored Outreach Svc Learning - Mentored Outreach Svc Learning - *You may take up to 3.0 credit hours* 0.5v

CHEM460 Math for Physical Chemistry - Math for Physical Chemistry 1.0

CHEM462 Physical Chemistry 1 - Physical Chemistry 1 3.0

CHEM463 Physical Chemistry 2 - Physical Chemistry 2 3.0

CHEM464 Physical Chemistry Lab 1 - Physical Chemistry Lab 1 1.0

CHEM465 Physical Chemistry Lab 2 - Physical Chemistry Lab 2 1.0

CHEM468 Biophysical Chemistry - Biophysical Chemistry 3.0

CHEM498R Capstone Experience - Capstone Experience - *You may take up to 3.0 credit hours* 0.5v

CHEM514 Inorganic Chemistry - Inorganic Chemistry 3.0

HONRS499R Honors Thesis - Honors Thesis - *You may take up to 3.0 credit hours* 0.5v

Requirement 5 — Complete 6 hours

Only ONE of Geol 101 or 111 can be applied to this requirement. Only ONE of Bio 100, Bio 130, CELL 120, or PWS 150 can be applied to this requirement. With approval, certain other courses in physics, geology, mathematics, and biology may be taken to satisfy this requirement. Note: Any course not taken to satisfy Requirement 4 can be taken to satisfy Requirement 5.

BIO100 Principles of Biology - Principles of Biology 3.0

BIO130 Biology - Biology 4.0

CELL120 Science of Biology - Science of Biology 3.0

GEOL101 Introduction to Geology - Introduction to Geology 3.0

GEOL111 Physical Geology - Physical Geology 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PWS150 Environmental Biology - Environmental Biology 3.0

Requirement 6 — Complete 2 Requirements

Professional Education Component. Complete both 6.1 and 6.2.

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 6.1 — Complete 7 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

PHY S312 Science and Tech - Science and Tech 3.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed before enrollment into Phy S 276.

Requirement 6.2 — Complete 12 hours

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

Computer Science Teaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
22	22

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 6 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

TES377 Tchg Mthds in Technology Educ - Tchg Mthds in Technology Educ 2.0

Requirement 2 — Complete 1 Course

C S477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

FBI fingerprinting and background clearance must be completed.

Computer Science (Minor)

Program Information

Minimum Credit Hours
19

Maximum Credit Hours
19

Learning Outcomes

Title
Computational Practice

Learning Outcome
Students will design and implement significant computer programs using a combination of design, implementation, documentation, and testing.

Title
Computational Theory

Learning Outcome
Students will analyze problems and their algorithmic solutions using theoretical concepts.

Title
Inclusion, Diversity, Equity

Learning Outcome
Students experience a spirit of belonging and have access to the resources they need to succeed. All students are welcome, including those traditionally underrepresented in CS programs and those new to programming.

Program Requirements

Grades below C- are not allowed in minor courses.

Requirement 1 — Complete 4 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

Requirement 2 — Complete 6 hours

Complete a total of 2 courses (6.0 credit hours) from the following groups.

Option 2.1 — Complete at least 3 hours up to 6 hours

Complete 1-2 elective courses (3-6 credit hours) from the following list:

C S180 Intro to Data Science - Intro to Data Science 3.0

C S201R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S301R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

Note: If C S 201R, C S 301$, or C S 401R is chosen, it must be taken for three credit hours.

Option 2.2 — Complete 1 of 2 Courses

C S224 Computer Systems - Computer Systems 3.0

EC EN224 Introduction to Computer Sys - Introduction to Computer Sys 3.0

Computer Science (BS)

Program Information

Minimum Credit Hours
74

Maximum Credit Hours
75

Major Academic Plan
MAPS - BS Computer Science 2026-2027.docx

Learning Outcomes

Title
Analysis

Learning Outcome
Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

Title
Design

Learning Outcome
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

Title
Communication

Learning Outcome
Communicate effectively in a variety of professional contexts.

Title
Ethics

Learning Outcome
Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Title
Teamwork

Learning Outcome
Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Title
Implementation

Learning Outcome
Apply computer science theory and software development fundamentals to produce computing-based solutions.

Program Requirements

Computer science majors, especially those planning graduate work, are advised to acquire a strong background in mathematics, possibly a minor.

Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.

Note: All hours of credit applied toward a major in computer science must be of C- or better and must be taken within eight years of declaring the computer science major. Any exceptions must be approved by the department. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.

Note: No double counting is allowed within the major.

Requirement 1 — Complete 13 Courses

Core courses:

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S191 Exploring CS - Exploring CS 0.5

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S260 Web Programming - Web Programming 3.0

C S291 Careers in CS - Careers in CS 0.5

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S340 Software Design - Software Design 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

Requirement 2 — Complete 5 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 3 — Complete 1 of 3 Courses

MATH431 Probability Theory - Probability Theory 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 4 — Complete 1 of 3 Courses

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Requirement 5 — Complete 21 hours

Complete 21.0 hours from the following option(s)

Option 5.1 — Complete up to 21 hours

Complete 12.0 to 21.0 hours from the following course(s)

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S556 Research Methods in HCI - Inter Soft Systems 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Network Science 3.0

C S575 Intro to Graph Data Science - Intro to Network Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

Note: If C S 401R or C S 501R is chosen, it must be taken for three hours.

Option 5.2 — Complete up to 6 hours

Courses can not double count between requirement 4 and option 5.2

C S180 Intro to Data Science - Intro to Data Science 3.0

C S202 Software Engineering Lab 1 - Software Engineering Lab 1 1.0

C S203 Software Engineering Lab 2 - Software Engineering Lab 2 1.0

C S204 Software Engineering Lab 3 - Software Engineering Lab 3 1.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S405 Software Business - Software Business 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

EC EN220 Fund of Digital Systems - Fund of Digital Systems 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Option 5.3 — Complete up to 8 hours

Complete up to 8.0 hours from the following course(s)

EC EN330 Intro Embedded Programming - Intro Embedded Programming 4.0

EC EN427 Embedded Systems - Embedded Systems 4.0

IS567 Cybersecurity & Pen Testing - Cybersecurity & Pen Testing 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

Option 5.4 — Complete up to 9 hours

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 1 3.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 2 3.0

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S494 Capstone 1 - Capstone 1 3.0

C S495 Capstone 2 - Capstone 2 3.0

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

Note: If C S 493R, C S 497R, C S 498R, or C S 501R is chosen, it must be taken for three credit hours.

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete Senior Exit Interview with the CS department during your last semester or term.

Computer Science (BS): Bioinformatics Emphasis

Program Information

Minimum Credit Hours
79

Maximum Credit Hours
81

Major Academic Plan
MAPS - BS in Computer Science Bioinformatics 2026-2027.docx

Learning Outcomes

Title
Analysis

Learning Outcome
Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

Title
Design

Learning Outcome
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

Title
Communication

Learning Outcome
Communicate effectively in a variety of professional contexts.

Title
Ethics

Learning Outcome
Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Program Requirements

Personnel in the College of Physical and Mathematical Sciences Advisement Center will advise regarding core courses and suggested general education. Questions regarding curriculum and career decisions should be directed to the undergraduate advisor in the Computer Science Department.

Note: All hours of credit applied toward a major in computer science must be of C- or better and must be taken within eight years of declaring the computer science major. Any exceptions must be approved by the department. Students may choose to graduate under later requirements by updating their date of entry into the major at the college advisement center.

Requirement 1 — Complete 10 Courses

Computer Science core:

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S191 Exploring CS - Exploring CS 0.5

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S291 Careers in CS - Careers in CS 0.5

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

Requirement 2 — Complete 7 of 8 Courses

Biology core:

BIO130 Biology - Biology 4.0

BIO165 Introduction to Bioinformatics - Introduction to Bioinformatics 2.0

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

BIO465 Capstone in Bioinformatics - Capstone in Bioinformatics 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

Requirement 3 — Complete 5 Courses

Supporting courses:

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 4 — Complete 1 of 2 Courses

BIO250 Evolutionary Medicine - Evolutionary Medicine 2.0

BIO420 Evolutionary Biology - Evolutionary Biology 4.0

Requirement 5 — Complete 1 of 2 Courses

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

Requirement 6 — Complete 12 hours

Courses will not double count between Requirement 5 and Requirement 6.

Option 6.1 — Complete at least 6 hours up to 12 hours

Complete up to 12 hours from the following courses

BIO463 Genetics of Human Disease - Genetics of Human Disease 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 1 3.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 2 3.0

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S513 Robust Control - Robust Control 3.0

C S556 Research Methods in HCI - Inter Soft Systems 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Network Science

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

Option 6.2 — Complete up to 6 hours

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete Senior Exit Interview with the CS department during your last semester or term.

Computer Science (BS): Animation and Games Emphasis

Program Information

Minimum Credit Hours
77

Maximum Credit Hours
81.5

Major Academic Plan
MAPS - BS in Computer Science Animation and Games 2026-2027.docx

Learning Outcomes

Title
Analysis

Learning Outcome
Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

Title
Design

Learning Outcome
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

Title
Communication

Learning Outcome
Communicate effectively in a variety of professional contexts.

Title
Ethics

Learning Outcome
Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Title
Teamwork

Learning Outcome
Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Title
Implementation

Learning Outcome
Apply computer science theory and software development fundamentals to produce computing-based solutions.

Program Requirements
Grades below C- are not allowed in major courses.

Requirement 1 — Complete 6 Courses

Prerequisite Courses:

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S191 Exploring CS - Exploring CS 0.5

C S235 Data Structures - Data Structures 3.0

C S291 Careers in CS - Careers in CS 0.5

CSANM150 Intro to 3D Graphics - Intro to 3D Graphics 1.5

DESAN101 Intro to Animation - Intro to Animation 1.0

Be admitted to the program.

Requirement 2 — Complete 8 Courses

Complete the following after being admitted to the program:

C S224 Computer Systems - Computer Systems 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S455 Computer Graphics - Computer Graphics 3.0

CSANM250 Interm 3D Computer Graphics - Interm 3D Computer Graphics 2.0

Requirement 3 — Complete 5 Courses

Supporting Courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 4 — Complete 1 of 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 5 — Complete 1 of 3 Courses

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Requirement 6 — Complete 1 of 2 Courses

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM354 Materials and Surfacing - Materials and Surfacing 3.0

Requirement 7 — Complete 1 of 2 Courses

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

DESAN460 Business & Ethics in Animation - Business & Ethics in Animation 2.0

Requirement 8 — Complete 6 hours

CSANM352 Animated Film Production 1 - Animated Film Production 1 - *You may take once* 3.0

CSANM450 Animated Film Production 2 - Animated Film Production 2 - *You may take once* 3.0

CSANM452 Animated Film Production 3 - Animated Film Production 3 - *You may take once* 3.0

CSANM459 Video Game Production 1 - Video Game Production 1 - *You may take once* 3.0

CSANM460 Video Game Production 2 - Video Game Production 2 - *You may take once* 3.0

Requirement 9 — Complete 6 hours

Note: If C S 401R is chosen, it must be taken for three hours.

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S260 Web Programming - Web Programming 3.0

C S270 Intro to Machine Learning- Intro to Machine Learning 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programig Lang 3.0

C S340 Software Design - Software Design 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S356 Advanced Techniques in HCI -Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S 478 - Tools for Machine Learning - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S556 Research Methods in HCI - Inter Soft Systems 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Network Science 3.0

Requirement 10 — Complete 6 hours

Courses used to fulfill Requirements 6, 8 and 9 cannot be double counted here. Note: If C S 401R, C S 498R, or C S 501R is chosen, it must be taken for three hours.

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification 3.0

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S 466 - Blockchain Technologies - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

C S500 Business Career Essentials - Business Career Essentials 1.5

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S556 Research Methods in HCI - Inter Soft Systems 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Network Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

CSANM210 Visual Narrative - Visual Narrative 3.0

CSANM252 Intro 3D Animation - Intro 3D Animation 3.0

CSANM258 Scripting for Animation - Scripting for Animation 3.0

CSANM340 Game Design - Game Design 2.0

CSANM342 Real-time Techniques - Real-time Techniques 3.0

CSANM351R Lighting for 3D Graphics - Lighting for 3D Graphics - *You may take once* 3.0

CSANM353 Previsualization - Previsualization 3.0

CSANM354 Materials and Surfacing -Materials and Surfacing 3.0

CSANM355 Photography for Animation - Photography for Animation 3.0

CSANM452 Animated Film Production 3 - Senior Film Production 2 - *You may take once* 3.0

CSANM454 Advanced Shading - Advanced Shading 3.0

CSANM458R 3D Visual Effects - 3D Visual Effects 3.0

DESAN364R Digital Sculpting - Digital Sculpting - *You may take once* 3.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

Requirement 11 — Complete 1 of 3 Courses

ARTHC111 Introduction to Art History - Introduction to Art History 3.0

ARTHC202 World Civilization Since 1500 - World Civilization Since 1500 3.0

TMA294 History of Animation - History of Animation 3.0

Requirement 12 — Obtain confirmation from your advisement center that you have completed the following:

Complete Senior Exit interview with the CS department during your last semester or term.

Machine Learning (BS)

Program Information

Minimum Credit Hours
74

Maximum Credit Hours
74

Major Academic Plan
MAPS - BS in Machine Learning 2026-2027.docx

Learning Outcomes

Title
Machine Learning Practice

Learning Outcome
Students will design and implement significant computer programs that meet a human need.

Title
Machine Learning Theory

Learning Outcome
Students will analyze problems and their algorithmic solutions using theoretical concepts.

Title
Career Preparation

Learning Outcome
Students will have sufficient maturity in machine learning to work in a professional setting or enter a graduate program.

Title
Diversity, Equity, and Inclusion

Learning Outcome
Our program is accessible to everyone, including women, minorities, and those new to programming, and provides an equal opportunity for every student to succeed.

Program Requirements

Grades below C- are not allowed in major courses.

Requirement 1 — Complete 12 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S180 Intro to Data Science - Intro to Data Science 3.0

C S191 Exploring CS - Exploring CS 0.5

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S291 Careers in CS - Careers in CS 0.5

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

Requirement 2 — Complete 3 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH290 Fundamentals of Mathematics- Fundamentals of Mathematics 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

Requirement 3 — Complete 2 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 — Complete 1 of 2 Courses

STAT121 Intro to Stat Data Analysis - Principles of Statistics 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 5 — Complete 1 of 3 Courses

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

STAT330 Statistical Modeling 2 - Introduction to Regression 3.0

Requirement 6 — Complete 3 of 7 Courses

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S450 Computer Vision - Computer Vision 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

MATH522 Mathematics of Deep Learning - Methods of Applied Math 2 3.0

Requirement 7 — Complete 6 hours

Option 7.1 — Complete up to 6 hours

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

Option 7.2 — Complete up to 6 hours

C S497R Undergraduate Research - Undergraduate Research - *You may take twice* 3.0

If you complete this option you must take two semesters, totaling 6.0 credits

Requirement 8 — Complete 9 hours

Note: Courses taken to fulfill Requirements 6 and 7 cannot double count here

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S513 Robust Control - Robust Control 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Graph Data Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

LING581 Natural Lang Processing - Natural Lang Processing 3.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH431 Probability Theory - Probability Theory 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT386 Data Science Process - Data Science Process 3.0

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete Senior Exit Interview with the Computer Science department during last semester or term.

Note: Math 112, Math 113, Phscs 121, Engl 316, and C S 312 can be used to fill both General Education and program requirements. Advanced Writing and Oral Communication: Engl 316. Quantitative Reasoning: Math 112 or 113. Languages of Learning: Math 112 or 113. Physical Science: C S 312 or Phscs 121.

Computer Science (BS): Software Engineering Emphasis

Program Information

Minimum Credit Hours
74

Maximum Credit Hours
76

Major Academic Plan
MAPS - BS in Computer Science - Software Engineering 2026-2027.docx

Learning Outcomes

Title
Analysis

Learning Outcome
Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions.

Title
Design

Learning Outcome
Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline.

Title
Communication

Learning Outcome
Communicate effectively in a variety of professional contexts.

Title
Ethics

Learning Outcome
Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Title
Teamwork

Learning Outcome
Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Title
Implementation

Learning Outcome
Apply computer science theory and software development fundamentals to produce computing-based solutions.

Program Requirements
Grades below C- are not allowed in major courses.

Requirement 1 — Complete 19 Courses

Core courses:

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S191 Exploring CS - Exploring CS 0.5

C S202 Software Engineering Lab 1 - Software Engineering Lab 1 1.0

C S203 Software Engineering Lab 2 - Software Engineering Lab 2 1.0

C S204 Software Engineering Lab 3 - Software Engineering Lab 3 1.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures - Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S260 Web Programming - Web Programming 3.0

C S291 Careers in CS - Careers in CS 0.5

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S324 Systems Programming - Systems Programming3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S340 Software Design - Software Design3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society2.0

C S452 Database Modeling Concepts - Database Modeling Concepts3.0

C S480 Soft Eng Capstone 1 - Soft Eng Capstone 13.0

C S481 Soft Eng Capstone 2 - Soft Eng Capstone 23.0

Requirement 2 —Complete 5 Courses

MATH112 Calculus 1 - Calculus 14.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics3.0

WRTG316 Technical Communication - Technical Communication3.0

Requirement 3 — Complete 1 of 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 4 — Complete 1 of 3 Courses

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Requirement 5 — Complete 2 of 11 Courses

C S256 Introduction to HCI - Introduction to HCI 3.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S456 Mobile and Ubiquitous HCI -Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S486 Verification and Validation - Verification and Validation 3.0

Requirement 6 — Complete 3 hours

Courses will not double count between Requirement 5 and Requirement 6.

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S256 Introduction to HCI - Introduction to HCI 3.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - *You may take up to 3.0 credit hours* 1.0v

C S405 Software Business - Software Business 3.0

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms 3.0

C S418 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

C S430 Formal Verification - Formal Verification 3.0

C S450 Computer Vision - Computer Vision 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S493R Computing Competitions - Computing Competitions - *You may take up to 3.0 credit hours* 3.0

C S497R Undergraduate Research - Undergraduate Research - *You may take up to 6.0 credit hours* 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - *You may take up to 3.0 credit hours* 1.0v

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - *You may take up to 3.0 credit hours* 1.0v

C S513 Robust Control - Robust Control 3.0

C S556 Research Methods in HCI - Inter Soft Systems 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Network Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

EC EN424 Computer Systems - Computer Systems 4.0

EC EN425 Real-Time Operating Systems - Real-Time Operating Systems 4.0

CYBER467 Cybersecurity & Pen Test - Cybersecurity & Pen Test 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

Note: If C S 493R, C S 498R, or C S 501R is chosen, it must be taken for 3 credit hours.

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete Senior Exit interview with the C S department during last semester or term.

Note: Math 112, Math 113, Phscs 121, WRTG 316, and C S 312 can be used to fill both General Education and program requirements. Advanced Writing and Oral Communication: WRTG 316. Quantitative Reasoning: Math 112 or 113. Languages of Learning: Math 112 or 113. Physical Science: C S 312 or Phscs 121.

Computer Science (BS): Human-Computer Interaction Emphasis

Program Information

Minimum Credit Hours
73

Maximum Credit Hours
74

Major Academic Plan
MAPS - BS in Computer Science - Human Computer Interaction 2026-2027.docx

Learning Outcomes

Title
Computational Practice

Learning Outcome
Students will design and implement significant computer programs using a combination of design, implementation, documentation, and testing.

Title
Computational Theory

Learning Outcome
Students will analyze problems and their algorithmic solutions using theoretical concepts.

Title
Career Preparation

Learning Outcome
Students will have sufficient maturity in computer science to work in a professional setting or enter a graduate program.

Title
Inclusion, Diversity, Equity

Learning Outcome
Students experience a spirit of belonging and have access to the resources they need to succeed. All students are welcome, including those traditionally underrepresented in CS programs and those new to programming.

Title
Methods

Learning Outcome
Select and use appropriate evaluation methods.

Title
Prototypes

Learning Outcome
Construct prototypes with varying degrees of fidelity and fluidity.

Title
HCI Theories

Learning Outcome
Understand theories and concepts that inform the design of interactive systems.

Program Requirements

Requirement 1 —Complete 9 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S224 Computer Systems - Computer Systems 3.0

C S235 Data Structures- Data Structures 3.0

C S236 Discrete Structure - Discrete Structure 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S260 Web Programming - Web Programming 3.0

C S312 Algorithm Design & Analysis - Algorithm Design & Analysis 3.0

C S340 Software Design - Software Design 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

Requirement 2 —Complete 5 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 3 —Complete 1 of 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 4 —Complete 1 of 3 Courses

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

Requirement 5 —Complete 3 Courses

C S256 Introduction to HCI - Introduction to HCI 3.0

C S356 Advanced Techniques in HCI - Advanced Techniques in HCI 3.0

C S456 Mobile and Ubiquitous HCI - Mobile and Ubiquitous HCI 3.0

Requirement 6 —Complete 1 of 4 Courses

If COMMS 101 is taken, students should enroll in the online section

ANTHR101 Culture and Human Experience - Social/Cultural Anthropology 3.0

COMMS101 Mass Comm & Soc - Mass Comm & Soc 3.0

PSYCH111 Psychological Science - Psychological Science 3.0

SOC111 Introductory Sociology - Introductory Sociology 3.0

Requirement 7 —Complete 1 of 2 Courses

Note: Courses taken to fulfill Requirement 4 cannot double count here.

EXDM300 Creating a Good Life - Creating a Good Life 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

Requirement 8 —Complete 12 hours

Option 8.1 —Complete up to 12 hours

C S252 Intro to Computational Theory - Intro to Computational Theory 3.0

C S324 Systems Programming - Systems Programming 3.0

C S329 QA & DevOps - QA & DevOps 3.0

C S330 Concepts of Programng Lang - Concepts of Programng Lang 3.0

C S345 Operating Systems Design - Operating Systems Design 3.0

C S355 Graphics and Image Processing - Graphics and Image Processing 3.0

C S393 Collaborative Probl Solving - Collaborative Probl Solving 3.0

C S401R Topics in Computer Science - Topics in Computer Science - You may take once 1.0v

C S412 Linear Prog/Convx Optimization - Linear Prog/Convx Optimization 3.0

C S416 Advanced Algorithms - Advanced Algorithms

C S418 Bioinformatics Algorithms - Bioinformatics

C S428 Software Engineering - Software Engineering 3.0

C S430 Formal Verification - Formal Verification

C S431 Algorithmic Lang & Compilers - Algorithmic Lang & Compilers 3.0

C S450 Computer Vision - Computer Vision 3.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

C S453 Fund of Information Retrieval - Fund of Information Retrieval 3.0

C S455 Computer Graphics - Computer Graphics 3.0

C S460 Comp Comms & Networking - Comp Comms & Networking 3.0

C S462 Distributed System Design - Distributed System Design 3.0

C S465 Computer Security - Computer Security 3.0

C S466 Blockchain Technologies - Blockchain Technologies 3.0

C S470 Intro Artificial Intelligence - Intro Artificial Intelligence 3.0

C S471 Voice Interfaces - Voice Interfaces 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning

C S474 Deep Learning - Deep Learning 3.0

C S479 Intro to Machine Translation - Intro to Machine Translation 3.0

C S486 Verification and Validation - Verification and Validation 3.0

C S501R Adv Topics in Computer Sci - Adv Topics in Computer Sci - You may take once 1.0v

C S513 Robust Control - Robust Control 3.0

C S556 Research Methods in HCI - Research Methods in HCI 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Graph Data Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

Option 8.2 —Complete up to 3 hours

C S493R Computing Competitions - Computing Competitions - You may take once 3.0

C S497R Undergraduate Research - Undergraduate Research - You may take once 3.0

C S498R Undergraduate Special Projects - Undergraduate Special Projects - You may take once 1.0v

Geology (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
18

Program Requirements

No D credit is allowed in minor courses.

Requirement 1 — Complete 2 Courses

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

Requirement 2 — Complete 3 Courses

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL210 Field Studies - Field Studies 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL480 Paleontology - Paleontology 3.0

GEOL546 Isotope Geochemistry-Low Temp - Isotope Geochemistry-Low Temp 3.0

Earth & Space Science Education (BS)

Program Information

Minimum Credit Hours
83

Maximum Credit Hours
85

Major Academic Plan
MAPS - BS in Earth and Space Science Education 2025-2026.pdf

Learning Outcomes

Title
Earth and Space Science Fundamentals

Learning Outcome
Obtain a broad, basic knowledge of the earth and space sciences. (BYU AIMS 1,2,3)

Title
Instructional Design and Development

Learning Outcome
Be able to design and develop inquiry-based science units. (BYU AIMS 2,4)

Title
INTASC Standards

Learning Outcome
Understand and apply the goals and standards of Interstate New Teacher Assessment and Support Consortium (INTASC). (BYU AIMS 2,3,4)

Title
Teaching Sensitive Concepts

Learning Outcome
Understand how to teach sensitive scientific concepts such as evolution by means of natural selection, age of the Earth and solar system and the Big Bang in the public school setting.

Title
Professional and Moral Practice

Learning Outcome
Understand and apply the Moral Dimensions of Teaching as embraced by the McKay School of Education (BYU AIMS 1,2,3,4)

Program Requirements
This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 —Complete 4 Courses

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL411 Geomorphology - Geomorphology 3.0

Requirement 2 —Complete 2 hours

Take 4 times.

GEOL491R Geology Seminar - Geology Seminar - *You may take up to 2.0 credit hours* 0.5

Requirement 3 —Complete 3 of 15 Courses

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL230 Earth Data Vis - Earth Data Visualization 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL476 Intro Seismic Interpretation - Intro Seismic Interpretation 3.0

GEOL480 Paleontology - Paleontology 3.0

Requirement 4 —Complete 1 of 2 Options

Option 4.1 —Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Option 4.2 —Complete 2 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

Requirement 5 —Complete 8 Courses

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Requirement 6 —Complete 2 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 6.1 —Complete 7 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

PHY S312 Science and Tech - Science and Tech 3.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Multicultural Educ 2.0

Note: Fingerprinting and FBI clearance must be completed before enrollment in Phy S 276.

Requirement 6.2 —Complete 12 hours

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

Geology (BS)

Program Information

Minimum Credit Hours
73

Maximum Credit Hours
74

Major Academic Plan
MAPS - BS in Geology 2026-2027.docx

Learning Outcomes

Title
Effective Inquiry and Communication

Learning Outcome
Demonstrate competence in scientific inquiry writing and oral presentation.

Title
Professional Preparation

Learning Outcome
Be employable in geology-related fields or able to further their education in graduate programs.

Title
Technical Competence

Learning Outcome
Demonstrate competence in relevant computer applications laboratory methods and field methods.

Title
Discussing Society's Impact on the Planet

Learning Outcome
Demonstrate the ability to critically discuss issues related to geology that impact society and planet Earth.

Title
Discussing Science and Religion

Learning Outcome
Demonstrate the ability to critically discuss the relationship between science and religion.

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other

than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

No D credit is allowed in major courses.

Requirement 1 — Complete 11 Courses

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL230 Earth Data Vis - Earth Data Vis 3.0

GEOL320 Geology GIS - Geology GIS 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL420 Geological Field Methods - Geological Field Methods 3.0

GEOL421 Geological Mapping - Geological Mapping 3.0

Requirement 2 — Complete 2 hours

Take 4 times.

GEOL491R Geology Seminar - Geology Seminar - *You may take up to 2.0 credit hours* 0.5

Requirement 3 — Complete 4 of 9 Courses

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL476 Intro Seismic Interpretation - Intro Seismic Interpretation 3.0

GEOL480 Paleontology - Paleontology 3.0

Requirement 4 — Complete 1 of 2 Options

Option 4.1 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Option 4.2 — Complete 2 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

Requirement 5 — Complete 1 of 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 6 — Complete 4 Courses

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Geology Education (Minor)

Program Information

Minimum Credit Hours
23

Maximum Credit Hours
23

Program Requirements

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

When all the geology credit required for a minor is transferred from another school, at least one course in geology must be taken at BYU.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 3 Courses

GEOL111 Physical Geology - Physical Geology 4.0

GEOL112 Historical Geology - Historical Geology 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

Requirement 2 — Complete 8 hours

GEOL100 Dinosaurs - Dinosaurs 3.0

GEOL109 Geology of Planets - Geology of Planets 3.0

GEOL210 Field Studies - Field Studies 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL411 Geomorphology - Geomorphology 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL440 Solid Earth Geophysics - Solid Earth Geophysics 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL452 Petrography to Petrogenesis - Petrography to Petrogenesis 3.0

GEOL460 Economic & Resource Geology - Economic & Resource Geology 3.0

GEOL480 Paleontology - Paleontology 3.0

GEOL546 Isotope Geochemistry-Low Temp - Isotope Geochemistry-Low Temp 3.0

Requirement 3 — Complete 1 Course

GEOL477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Environmental Geology (BS)

Program Information

Minimum Credit Hours
74

Maximum Credit Hours
79

Major Academic Plan

MAPS - BS in Environmental Geology 2026-2027.docx

Learning Outcomes

Title
Effective Inquiry and Communication

Learning Outcome
Demonstrate competence in scientific inquiry writing and oral presentation.

Title
Professional Preparation

Learning Outcome
Be employable in geology-related fields especially environmental geology or able to further their education in graduate programs.

Title
Technical Competence

Learning Outcome
Demonstrate competence in relevant computer applications laboratory methods and field methods.

Title
Discussing Society's Impact on the Planet

Learning Outcome
Demonstrate the ability to critically discuss issues related to the environment that impact society and planet Earth.

Title
Discussing Science and Religion

Learning Outcome
Demonstrate the ability to critically discuss the relationship between science and religion.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other

than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

Requirement 1 — Complete 12 Courses

GEOL111 Physical Geology - Physical Geology 4.0

GEOL210 Field Studies - Field Studies 3.0

GEOL230 Earth Data Vis - Earth Data Vis 3.0

GEOL320 Geology GIS - Geology GIS 3.0

GEOL370 Sedimentology & Stratigraphy - Sedimentology & Stratigraphy 3.0

GEOL375 Structural Geology - Structural Geology 3.0

GEOL420 Geological Field Methods - Geological Field Methods 2.0

GEOL421 Geological Mapping - Geological Mapping 3.0

GEOL435 Groundwater - Groundwater 3.0

GEOL445 Geochemistry - Geochemistry 3.0

GEOL535 Contaminant Hydrogeology - Contaminant Hydrogeology 3.0

GEOL550 Environmental Soil Chemistry - Environmental Soil Chemistry 3.0

Requirement 2 — Complete 2 hours

GEOL491R Geology Seminar - Geology Seminar - *You may take 4 times* 0.5

Requirement 3 — Complete 4 Courses

Note: PWS lectures and labs (PWS 282 & 283; PWS 305 & 306; PWS 365 & 366) require separate registration and can be taken separately.

CE341 Soil Mechanics - Soil Mechanics 3.0

CE414 Engr Applications of GIS - Engr Applications of GIS 3.0

CE331 Hydrology - Hydrology 3.0

CE451 Environmental Engineering Proc - Environmental Engineering Proc 3.0

CE453 Water/Wastewater Tmt Design - Water/Wastewater Tmt Design 3.0

CE514 Geospatial Software Dev - Geospatial Software Dev 3.0

CE531 Hydrologic Modeling - Hydrologic Modeling 3.0

CE540 Geo-Environmental Engineering - Geo-Environmental Engineering 3.0

CE547 Groundwater Modeling - Groundwater Modeling 3.0

CE555 Environmental Chemistry - Environmental Chemistry 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOL330 Engineering Geology - Geology for Engineers 3.0

GEOL351 Mineralogy - Mineralogy 4.0

GEOL352 Petrology - Petrology 3.0

GEOL405 GeoMathematics - GeoMathematics 3.0

GEOL506 Paleoclimatology - Paleoclimatology 3.0

GEOL546 Isotope Geochemistry-Low Temp - Isotope Geochemistry- Low Temp 3.0

GEOL411 Geomorphology - Geomorphology 3.0

PWS282 Soil Science - Soil Science 3.0

PWS283 Soil Science Lab - Soil Science Lab 1.0

PWS305 Watershed Ecology - Watershed Ecology 3.0

PWS306 Watershed Ecology Lab - Watershed Ecology Lab 1.0

PWS365 Biogeochem - Biogeochem 3.0

PWS366 Biogeochem Lab - Biogeochem Lab 1.0

PWS375 Aquatic Policies & Laws - Aquatic Policies & Laws 3.0

Requirement 4 — Complete 1 of 2 Options

Option 4.1 — Complete 3 Courses

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

Option 4.2 — Complete 2 Courses

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

CHEM112 Principles of Chemistry 2 - Principles of Chemistry 2 3.0

Requirement 5 — Complete 5 Courses

MATH112 Calculus 1 - Calculus 1 4.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

WRTG316 Technical Communication - Technical Communication 3.0

Mathematics (Minor)

Program Information

Minimum Credit Hours
20

Maximum Credit Hours
21

Program Requirements

Grades of C- or below will not be accepted.

Substitutions require the approval of the Undergraduate Coordinator of the Department of Mathematics.

Requirement 1 — Complete 3 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

Requirement 2 — Complete 1 Course

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

Requirement 3 — Complete 1 of 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

Requirement 4 — Complete 4 hours

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

MATH362 Survey of Geometry - Survey of Geometry 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH406R Topics in Mathematics - Topics in Mathematics - *You may take once* 3.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

MATH425 Mathematical Biology - Mathematical Biology 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH435 Mathematical Finance - Mathematical Finance 3.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH495R Readings in Math - Readings in Math - *You may take once* 0.5v

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH513R Adv Topics in Applied Math - Adv Topics in Applied Math - *You may take once* 3.0

MATH521 Classical Applied Mathematics - Classical Applied Mathematics 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0.

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

Mathematics (BS)

Program Information

Minimum Credit Hours
53.5

Maximum Credit Hours
53.5

Major Academic Plan
MAPS - BS in Mathematics 2026-2027.docx

Learning Outcomes

Title
Mid-Level Mathematics

Learning Outcome
Demonstrate understanding of mid-level undergraduate mathematics including abstract algebra complex analysis and advanced calculus.

Title
Advanced Mathematics

Learning Outcome
Demonstrate a breadth and depth of knowledge in a coherent group of advanced mathematical topics.

Title
Effective Reasoning and Communication

Learning Outcome
Explain and critique mathematical reasoning through speaking and writing in a precise and articulate manner.

Title
Mathematics Fundamentals

Learning Outcome
Demonstrate basic mathematical understanding and computational skills in calculus, linear algebra, and differential equations.

Program Requirements
Grades of C- or below will not be acceptable in major courses.

Requirement 1 — Complete 13 Courses

Core requirements:

C S111 Intro to Computer Science- Intro to Computer Science 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH191 Seminar in Mathematics 1 - Seminar in Mathematics 1 0.5

MATH213 Elementary Linear Algebra- Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra- Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH352 Intro to Complex Analysis - Intro to Complex Analysis 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH413 Advanced Linear Algebra - Advanced Linear Algebra 3.0

Requirement 2 — Complete 1 of 2 Courses

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

MATH431 Probability Theory - Probability Theory 3.0

Requirement 3 — Complete 1 of 3 Courses

C S235 Data Structures - Data Structures 3.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

STAT386 Data Science Process - Data Science Process 3.0

Requirement 4 — Complete 12 hours

Courses cannot double count in Requirement 2 or 3

C S235 Data Structures - Data Structures 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

MATH372 Abstract Algebra 2 - Abstract Algebra 2 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH406R Topics in Mathematics - Topics in Mathematics - *You may take once* 3.0

MATH410 Intro to Numerical Methods - Intro to Numerical Methods 3.0

MATH411 Numerical Methods - Numerical Methods 3.0

MATH425 Mathematical Biology - Mathematical Biology 3.0

MATH431 Probability Theory - Probability Theory 3.0

MATH435 Mathematical Finance - Mathematical Finance 3.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

MATH447 Intro Partial Differential Eqs - Intro Partial Differential Eqs 3.0

MATH451 Introduction to Topology - Introduction to Topology 3.0

MATH465 Differential Geometry - Differential Geometry 3.0

MATH473 Group Representation Theory - Group Representation Theory 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

MATH495R Readings in Math - Readings in Math - *You may take once* 0.5v

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH511 Num Methods for Partial Diff - Num Methods for Partial Diff 3.0

MATH513R Adv Topics in Applied Math - Adv Topics in Applied Math - *You may take once* 3.0

MATH521 Classical Applied Mathematics - Classical Applied Mathematics 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0

MATH525 Network Theory - Network Theory 3.0

MATH532 Complex Analysis - Complex Analysis 3.0

MATH534 Intro to Dynamical Systems 1 - Intro to Dynamical Systems 1 3.0

MATH536 Applied Discrete Probability - Applied Discrete Probability 3.0

MATH540 Linear Analysis - Linear Analysis 3.0

MATH541 Real Analysis - Real Analysis 3.0

MATH547 Modeling and Analysis of PDEs - Modeling and Analysis of PDEs 3.0

MATH553 Foundations of Topology 1 - Foundations of Topology 1 3.0

MATH554 Foundations of Topology 2 - Foundations of Topology 2 3.0

MATH561 Intro to Algebraic Geometry 1 - Intro to Algebraic Geometry 1 3.0

MATH562 Intro to Algebraic Geometry 2 - Intro to Algebraic Geometry 2 3.0

MATH565 Differential Geometry - Differential Geometry 3.0

MATH570 Matrix Analysis - Matrix Analysis 3.0

MATH571 Algebra 1 - Algebra 1 3.0

MATH572 Algebra 2 - Algebra 2 3.0

MATH586 Intro Algebraic Number Theory - Intro Algebraic Number Theory 3.0

MATH587 Intro to Analytic Number Thry - Intro to Analytic Number Thry 3.0

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before they graduate. The tests are ETS (Educational Testing Service) standardized assessment tests of undergraduate mathematics. Go to ETS Math Subject Test (https://www.ets.org/gre/test-takers/subject-tests/about/content-structure.html#accordion-792530b110-item-ab30804f15) or ETS Major Field Tests (https://www.ets.org/mft/about/test-content.html#accordion-635e2f095b-item-2bc2ca81b4) for a test description and sample problems. These tests do not appear on the transcript or affect the GPA.

Students must participate in an exit interview before graduation.

Note: Students who plan to pursue a Ph.D. in mathematics are encouraged to complete Math 372 or Math 473, as well as Math 410, Math 541 and Math 553.

Mathematics (BS): Applied and Computational Mathematics Emphasis

Program Information

Minimum Credit Hours
70

Maximum Credit Hours
76

Major Academic Plan
MAPS - BS Mathematics - Applied and Computational Mathematics 2026-2027.docx

Learning Outcomes

Title
Effective Reasoning and Communication

Learning Outcome
Explain and criticize mathematical reasoning through speaking and writing in a precise and articulate manner.

Title
Mathematics Fundamentals

Learning Outcome
Demonstrate basic mathematical understanding and computational skills in calculus, linear algebra, and differential equations, and advanced calculus.

Title
Statistics

Learning Outcome
Demonstrate a knowledge of inference, estimation, regression, multivariable statistics, Bayesian statistics, time-series analysis, and state-space modeling.

Title
Advanced Applied Mathematics

Learning Outcome
Demonstrate understanding of linear and nonlinear analysis, the analysis of algorithms, combinatorics, asymptotic methods, approximation theory, transform theory, optimization, dynamic programming, probability theory, stochastic processes, differential equations, dynamical systems and optimal control theory.

Title
Computing

Learning Outcome
Demonstrate facility in computer programming, data processing, databases, numerical simulation, scientific visualization, and virtual experimentation. Write, compile and execute numerical algorithms in a low-level language, such as C/C++, as well as develop I/O wrappers for standard numerical libraries in a common scripting language, such as Python. Demonstrate the ability to use the technologies for parallel and distributed computing.

Program Requirements

Requirement 1 — Complete 9 Courses

Complete the following pre-core requirements before junior year:

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

Requirement 2 — Complete 4 Courses

Complete the following core requirements first semester of junior year:

MATH320 Algorithm Design & Opt 1 - Algorithm Design & Opt 1 3.0

MATH321 Algorithm Design & Opt 1 Lab - Algorithm Design & Opt 1 Lab 1.0

MATH344 Mathematical Analysis 1 - Mathematical Analysis 1 3.0

MATH345 Mathematical Analysis 1 Lab - Mathematical Analysis 1 Lab 1.0

Requirement 3 — Complete 4 Courses

Complete the following core requirements second semester of junior year:

MATH322 Algorithm Design & Opt 2 - Algorithm Design & Opt 2 3.0

MATH323 Algorithm Design & Opt 2 Lab - Algorithm Design & Opt 2 Lab 1.0

MATH346 Mathematical Analysis 2 - Mathematical Analysis 2 3.0

MATH347 Mathematical Analysis 2 Lab - Mathematical Analysis 2 Lab 1.0

Requirement 4 — Complete 4 Courses

Complete the following core requirements first semester of senior year:

MATH402 Model Uncertainty & Data 1 - Model Uncertainty & Data 1 3.0

MATH403 Model Uncertainty & Data 1 Lab - Model Uncertainty & Data 1 Lab 1.0

MATH436 Model Dynamics & Control 1 - Model Dynamics & Control 1 3.0

MATH437 Model Dynamics & Control 1 Lab - Model Dynamics & Control 1 Lab 1.0

Completion of an internship in the summer term between the junior and senior years is strongly recommended.

Requirement 5 — Complete 4 Courses

Complete the following core requirements second semester of senior year:

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH405 Model Uncertainty & Data 2 Lab - Model Uncertainty & Data 2 Lab 1.0

MATH438 Model Dynamics & Control 2 - Model Dynamics & Control 2 3.0

MATH439 Model Dynamics & Control 2 Lab - Model Dynamics & Control 2 Lab 1.0

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to complete a concentration (at least 12 credit hours) in an area to which the mathematical and computational tools that they are learning can be applied. The list of the Approved Concentrations is found at https://acme.byu.edu/concentrations-in-acme

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take either the GRE Mathematics Subject Test or the Mathematics Major Field Test the last semester before they graduate. The results of these tests do not appear on the transcript or affect the GPA. For more information contact the math department.

Mathematics Education (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
37	37

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach mathematics in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into their major program to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 12 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MTHED177 Critical Review of School Math - Critical Review of School Math 3.0

MTHED277 Task Design for Learning - Task Design for Learning 3.0

MTHED278 Assessment of Learning - Assessment of Learning 3.0

MTHED301 Teaching Stats & Probability - Teaching Stats & Probability 3.0

MTHED308 Teaching with Tech - Teaching with Tech 3.0

MTHED377 Math Tchng in Public Schools - Math Tchng in Public Schools 3.0

MTHED378 Practicum in Math Education - Practicum in Math Education 1.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 — Complete 1 Course

MTHED477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Middle School Mathematics Teaching (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
29	30

Program Requirements

Requirement 1 — Complete 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 — Complete 1 of 2 Courses

MTHED177 Critical Review of School Math - Critical Review of School Math 3.0

MTHED306 Concepts of Math - Concepts of Math 2.0

Requirement 3 — Complete 6 Courses

MTHED277 Task Design for Learning - Task Design for Learning 3.0

MTHED278 Assessment of Learning - Assessment of Learning 3.0

MTHED301 Teaching Stats & Probability - Teaching Stats & Probability 3.0

MTHED308 Teaching with Tech - Teaching with Tech 3.0

MTHED377 Math Tchng in Public Schools - Math Tchng in Public Schools 3.0

MTHED378 Practicum in Math Education - Practicum in Math Education 1.0

Requirement 4 — Complete 1 Course

MTHED477R Sec Minor Student Teaching - Sec Minor Student Teaching - You may take once 4.0

Mathematics Education (BS)

Program Information

Minimum Credit Hours
78

Maximum Credit Hours
78

Major Academic Plan
MAPS - BS in Mathematics Education 2026-2027.docx

Learning Outcomes

Title
Assessment of Mathematical Learning

Learning Outcome
Graduates can design and use formative and summative assessments that monitor student progress, inform instructional decisions, and engage students in assessing their own mathematical learning.

Title
Understanding of Mathematics Learners

Learning Outcome
Graduates make instructional decisions that 1) help students develop mathematical knowledge by building on prior knowledge and experience; 2) reflect how students differ cognitively, linguistically, socially, emotionally, and physically; 3) provide students regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.

Title
Mathematics

Learning Outcome
Graduates understand central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.

Title
Instructional Design for Mathematics Learning

Learning Outcome
Graduates can design learning environments and mathematical experiences that engage all students in the exploration and development of mathematical ideas and can effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.

Title
Professionalism

Learning Outcome
Graduates demonstrate professionalism through maintaining appropriate relationships and behavior in the school setting, and by seeking opportunities to improve practice and advance the profession through reflecting on practice, soliciting and incorporating feedback, and contributing to professional, school, and community organizations.

Title
Spiritual Stewardship

Learning Outcome
Graduates seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all students as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships, gospel service, and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence.

Title
Equity

Learning Outcome
Graduates make instructional decisions that 1) develop students' understanding that mathematics and mathematical practices are human constructs that are socially situated; 2) provide mathematical and social positions that increase access for all students; 3) challenge systemic privilege and oppression in their classrooms; and 4) provide students opportunities to use mathematics to promote a socially just society.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 —Complete 7 Courses

Core requirements. Note 1: Prerequisites for all mathematics education courses will be strictly adhered to. Note 2: FBI fingerprint and background clearance must be completed prior to enrollment in MthEd 276.

MTHED177 Critical Review of School Math - Critical Review of School Math 3.0

MTHED276 Exploration of Math Teaching - Exploration of Math Teaching 4.0

MTHED277 Task Design for Learning - Task Design for Learning 3.0

MTHED278 Assessment of Learning - Assessment of Learning 3.0

MTHED308 Teaching with Tech - Teaching with Tech 3.0

MTHED377 Math Tchng in Public Schools - Math Tchng in Public Schools 3.0

MTHED378 Practicum in Math Education - Practicum in Math Education 1.0

Requirement 2 —Complete 12 Courses

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH290 Fundamentals of Mathematics - Fundamentals of Mathematics 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MTHED300 History & Philosophy of Math - History & Philosophy of Math 3.0

MTHED301 Teaching Stats & Probability - Teaching Stats & Probability 3.0

MTHED362 Survey of Geometry - Survey of Geometry 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 3 —Complete 1 of 12 Courses

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S180 Intro to Data Science - Intro to Data Science 3.0

MATH350 Combinatorics & Graph Theory - Combinatorics & Graph Theory 3.0

MATH371 Abstract Algebra 1 - Abstract Algebra 1 3.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH485 Mathematical Cryptography - Mathematical Cryptography 3.0

MATH487 Number Theory - Number Theory 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry: Electricity 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

A teaching minor is not needed for licensure. However, students interested in teaching an academic subject in addition to mathematics should consider pursuing a teaching minor in that discipline.

Requirement 4 —Complete 2 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 4.1 —Complete 3 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 4.2 —Complete 12 hours

MTHED476 Student Teaching in Math - Student Teaching in Math - *You may take up to 12.0 credit hours* 12.0

MTHED496 Academic Internship - Math - Academic Internship - Math - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete all required EPP assessments and paperwork in the Educator system.

Physics (Minor)

Program Information

Minimum Credit Hours
20

Maximum Credit Hours
20

Program Requirements

No D credit may count toward this minor.

Requirement 1 — Complete 5 Courses

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

Requirement 2 — Complete 4 hours

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

Physics Education (Minor)

Program Information

Minimum Credit Hours
27

Maximum Credit Hours
27

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 7 Courses

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

Requirement 2 — Complete 1 Course

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

Requirement 3 — Complete 1 Course

PHSCS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Astronomy (Minor)

Program Information

Minimum Credit Hours
19

Maximum Credit Hours
19

Program Requirements

No D credit may count toward this minor.

Requirement 1 — Complete 6 Courses

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS227 Planets and Stars - Planets and Stars 3.0

PHSCS228 Stars & Galaxies - Stars & Galaxies 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

Physics (BS)

Program Information

Minimum Credit Hours
63

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Physics 2026-2027.docx

Learning Outcomes

Title
Physics Theory and Application

Learning Outcome
Apply principles from the primary physical theories (classical mechanics, quantum mechanics, thermodynamics, electromagnetism) to model and solve representative problems analytically and computationally.

Title
Experimental and Computational Skills

Learning Outcome
Design and conduct experiments, build scientific equipment, write scientific programs to simulate physical systems, and analyze data.

Title
Effective Communication

Learning Outcome
Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles.

Title
Professional Ethics

Learning Outcome
Understand scientific ethical practices and demonstrate them in the conduct of scientific research.

Title
Research and Professional Preparation

Learning Outcome
Conduct experimental, theoretical or computational research under the direction of a mentor to contribute to the generation of new knowledge or technologies, and prepare to do this professionally.

Program Requirements

No more than 3 hours of D credit is allowed in major courses.

Requirement 1 —Complete 19 Courses

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

Requirement 2 —Complete 2 of 3 Courses

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

Requirement 3 —Complete 1 of 6 Courses

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS522 Intro to Elementary Particles - Intro to Elementary Particles 3.0

PHSCS530 Computational Physics - Computational Physics 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

Requirement 4 —Complete 1 of 2 Options

Option 4.1 —Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 4.2 —Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 5 —Complete 1 Requirement

Senior thesis:

Complete a senior thesis, including the following:

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 291, and discussion with faculty, your advisor and senior thesis coordinator. It is best to start as a freshman or sophomore. Interdisciplinary work in other departments or in internships is possible.

Requirement 5.1 —Complete 2 hours

B.

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

Note 1: Students planning careers in experimental, applied, or industrial physics should complete Stat 201.

Note 2: All students will benefit, through courses or individual study, by learning programming skills and numerical methods beyond what you are taught in C S 111 and our computational physics courses. Consider the following: C S courses, Math 410, Me En 373.

Note 3: Students planning graduate school in physics should learn complex analysis. Consider the following: Math 332, Phscs 601, 602.

Applied Physics (BS)

Program Information

Minimum Credit Hours
62

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Applied Physics 2026-2027.docx

Learning Outcomes

Title
Physics Theory and Application

Learning Outcome
Apply principles to model and solve representative problems analytically and computationally at an introductory level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) and at an advanced level in classical mechanics electrostatics and optics/electrodynamics.

Title
Experimental and Computational Skills

Learning Outcome
Design and conduct experiments build scientific equipment write scientific programs to simulate physical systems and analyze data.

Title
Effective Communication

Learning Outcome
Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles.

Title
Professional Ethics

Learning Outcome
Understand scientific ethical practices and demonstrate them in the conduct of scientific research.

Title
Research and Professional Preparation

Learning Outcome
Conduct experimental theoretical or computational research under the direction of a mentor to contribute to the generation of new knowledge or technologies and prepare to do this professionally.

Program Requirements

No more than 3 hours of D credit is allowed in major courses.

Consult with a faculty advisor as early as possible to choose electives.

Requirement 1 — Complete 17 Courses

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

Requirement 2 — Complete 1 of 3 Courses

Note: Although Ec En 466 has some Ec En classes listed as prerequisites, they are often waived for Applied Physics majors. Specifically, Ec En 466 can be taken with no other prereqs as long as the student has taken Phscs 441. However, it is still recommended for students who have taken Phscs 441 to also take Phscs 442 or Ec En 462 prior to taking Ec En 466. Interested students should talk to the Ec En 466 instructor about their specific backgrounds.

EC EN466 Intro to Optical Engineering - Intro to Optical Engineering 2.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:

After gaining department advisor's approval of courses selected to define an option, complete an additional 12 hours of electives (cannot include any courses already taken above). These 12 hours must consist of a coherent set of upper-division courses with an identified educational goal. Nine hours must be upper division (300-level or above); three hours must be 200-level or above.

Requirement 4 — Complete 1 of 2 Options

Option 4.1 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 4.2 — Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 5 — Complete 2 hours

Complete a capstone project or senior thesis including the following:

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 291, and discussions with faculty, your advisor, and the capstone project coordinator or senior thesis coordinator. It is best to start as a freshman or sophomore. Interdisciplinary work in other departments or in internships is possible.

Option 5.1 — Complete up to 2 hours

B. Complete 2 hours of one of the following:

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take up to 2.0 credit hours* 2.0

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

Note 1: Students planning careers in experimental, applied, or industrial physics should complete Stat 201.

Note 2: All students will benefit, through courses or individual study, by learning programming skills and numerical methods beyond what you are taught in C S 111 and our computational physics courses. Consider the following: CS courses, Math 410, Me En 373.

Physics Education (BS)

Program Information

Minimum Credit Hours
77.5

Maximum Credit Hours
78.5

Major Academic Plan
MAPS - BS in Physics Education 2026-2027.docx

Learning Outcomes

Title
Teaching Physical Science and Problem Solving

Learning Outcome
Able to teach concepts and problem solving at the high school and advanced placement level in astronomy classical mechanics thermodynamics electromagnetism optics quantum mechanics and special relativity.

Title
Classroom Management and Lab Design

Learning Outcome
Manage high school classroom in teaching setting. Direct high school student labs and build simple lab equipment and demonstrations.

Title
Physics Theory and Application

Learning Outcome
Apply principles at an introductory college level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) to solve representative problems.

Title
Instruction Design

Learning Outcome
Students will be able to design develop and administer inquiry-based science units.

Title
Addressing Student Diversity

Learning Outcome
Able to adapt teaching to adolescents and students with different cultural backgrounds.

Title
Guiding Principles

Learning Outcome
Understand and apply the BYU's McKay School of Education Guiding Principles.

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 175 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

A teaching minor is not required for licensure. However, it is strongly recommended.

Requirement 1 — Complete 10 Courses

Note: Phscs 191 should be taken the first semester.

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

Requirement 2 — Complete 1 of 2 Options

Option 2.1 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 2.2 — Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 3 — Complete 1 of 2 Courses

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

Requirement 4 — Complete 9 hours

Physics electives: Complete an additional 9 hours from the following (any physics course already taken will not double count).

Option 4.1 — Complete up to 3 hours

Complete UP TO 3.0 hours from the following. Courses from requirement 3 can't be double counted as electives.

PHIL423R History&Philosophy of Science - History&Philosophy of Science - *You may take once* 3.0

PHSCS137 Energy, Climate, Environment - Energy, Climate, Environment 3.0

PHSCS167 Desc Acoustics of Music & Spch - Desc Acoustics of Music & Spch 3.0

PHSCS310 Physics By Inquiry: Mechanics - Physics By Inquiry: Mechanics 3.0

PHSCS311 Physics By Inquiry:Electricity - Physics By Inquiry:Electricity 3.0

PHSCS313R Special Topics in Physics - Special Topics in Physics - *You may take once* 0.5v

PHY S312 Science and Tech- Teaching Science with Technology 3.0

Option 4.2 — Complete up to 9 hours

Complete AT LEAST 6 hours from 300-, 400-, or 500-level physics courses, not including 310 or 311 or 399R (Phscs 321, 461, and 471 are highly recommended).

C S502 Job Search Strategies - Job Search Strategies 1.0

CHEM500 Business Career Essentials - Business Career Essentials 1.5

PHSCS313R Special Topics in Physics - Special Topics in Physics - *You may take once* 0.5v

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS391R Seminar in Current Physics - Seminar in Current Physics - *You may take once* 1.0

PHSCS416 Writing in Physics - Writing in Physics 3.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take once* 0.5v

PHSCS497R Research in Physics - Research in Physics - *You may take once* 1.0v

PHSCS498R Senior Thesis - Senior Thesis - *You may take once* 0.5v

PHSCS540 Electr Eng Princpls & Practice - Electr Eng Princpls & Practice 2.0

PHSCS560 Acoustical Measurement Methods - Acoustical Measurement Methods 3.0

PHSCS561 Fundamentals of Acoustics - Fundamentals of Acoustics 3.0

PHSCS571 Lasers & Atoms - Lasers & Atoms 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

PHSCS583 Nano and Surface Phscs - Nano and Surface Phscs 3.0

PHSCS585 Thin-Film Physics - Thin-Film Physics 3.0

PHSCS586 Trans Electron Microscopy - Trans Electron Microscopy 3.0

PHSCS587 Semiconductor Devices Phscs - Semiconductor Devices Phscs 3.0

PHSCS588 Scanning Electron Microscopy - Scanning Electron Microscopy 3.0

PHSCS599R Academic Internship - Academic Internship - *You may take once* 0.5v

PHY S312 Science and Tech- Teaching Science with Technology 3.0

Requirement 5 — Complete 2 Requirements

Professional Education Component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 5.1 — Complete 9 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

IP&T371 Integrating K-12 Ed Tec 1 - Integrating K-12 Ed Tec 1 1.0

IP&T372 Integrating K-12 in El. Ed. - Integrating K-12 in El. Ed. 1.0

IP&T373 Tching K-12 Online/Blended Lrn - Tching K-12 Online/Blended Lrn 1.0

PHY S276 Exploration of Teaching - Exploration of Teaching 4.0

PHY S377 Teaching Methods & Instruction - Teaching Methods & Instruction 3.0

PHY S378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Note: FBI fingerprint and background clearance must be completed prior to enrollment in Phy S 276.

Requirement 5.2 — Complete 12 hours

PHY S476 Secondary Student Teaching - Secondary Student Teaching 0.0v

PHY S496 Acad Intern: Secondary Ed - Acad Intern: Secondary Ed 0.0v

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their TWS to the Educator account for their program. All four must be completed to be cleared for graduation.

Physics and Astronomy (BS)

Program Information

Minimum Credit Hours
68

Maximum Credit Hours
69

Major Academic Plan

MAPS - BS in Physics and Astronomy 2026-2027.docx

Learning Outcomes

Title
Physics Theory and Application

Learning Outcome
Students will be able to apply principles to model and solve representative problems both analytically and computationally at an introductory level from the primary physical theories (classical mechanics quantum mechanics special relativity thermodynamics electromagnetism and optics) and at an advanced level from classical mechanics electricity and magnetism and in topics chosen from quantum mechanics optics and thermal physics. Apply physical theories to the solution of astrophysical problems.

Title
Observation and Computational Skills

Learning Outcome
Students will be able to locate and observe astronomical objects write scientific programs to simulate physical systems and analyze astrophysical data.

Title
Effective Communication

Learning Outcome
Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles.

Title
Professional Ethics

Learning Outcome
Students will be able to understand scientific ethical practices and demonstrate them in the conduct of scientific research.

Title
Research and Professional Preparation

Learning Outcome
Students will be able to conduct astronomical or astrophysical research under the direction of a faculty mentor to contribute to the generation of new knowledge and prepare to do this professionally.

Program Requirements

No more than 3 hours of D credit is allowed in major courses.

Requirement 1 —Complete 1 Requirement

Requirement 1.1 —Complete 20 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS127 Descriptive Astronomy - Descriptive Astronomy 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS227 Planets and Stars - Planets and Stars 3.0

PHSCS228 Stars & Galaxies - Stars & Galaxies 3.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS329 Observational Astronomy - Observational Astronomy 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

Requirement 2 —Complete 2 of 4 Courses

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS442 Electrodynamics - Electrodynamics 3.0

PHSCS452 Appl Quantum Mechanics - Appl Quantum Mechanics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

Requirement 3 —Complete 1 of 2 Options

Option 3.1 —Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Option 3.2 —Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 4 —Complete 1 Requirement

Senior thesis:

Complete a senior thesis, including the following:

A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 192, and discussions with faculty, your advisor, and the senior thesis coordinator. It is best to start as a freshman or sophomore. Some internships may qualify for your project.

Requirement 4.1 —Complete 2 hours

B.

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Requirement 5 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester.

Note: Students planning on graduate school in astronomy should consider taking all four of Phscs 360, 442, 452, 471, instead of only two. Gain statistics and computer programming skills beyond what you get in this major by taking courses such as Stat 201 (Statistics for Engineers and Scientists) and courses such as Phscs 430 (Computational Physics 3) and Me En 373 (Introduction to Scientific Computing).

Applied Physics (BS): Acoustics Emphasis

Program Information

Minimum Credit Hours
62

Maximum Credit Hours
64

Major Academic Plan
MAPS - BS in Applied Physics Acoustics 2026-2027.docx

Learning Outcomes

Title
Physics Theory and Application

Learning Outcome
Apply principles to model and solve representative problems analytically and computationally, at an introductory level from the primary physical theories (classical mechanics, quantum mechanics, special relativity, thermodynamics, electromagnetism and optics), and at an advanced level in classical mechanics, electrostatics and optics/electrodynamics.

Title
Experimental and Computational Skills

Learning Outcome
Design and conduct physical and acoustical experiments, write programs to simulate acoustical systems, and analyze data.

Title
Effective Communication

Learning Outcome
Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles.

Title
Professional Ethics

Learning Outcome
Understand scientific ethical practices, and demonstrate them in the conduct of scientific research.

Title
Research and Professional Preparation

Learning Outcome
Conduct experimental, theoretical or computational research in acoustics under the direction of a mentor to contribute to the generation of new knowledge or technologies, and prepare to do this professionally.

Program Requirements

Consult with a faculty advisor as early as possible to choose electives.

Requirement 1 — Complete 18 Courses

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

C S111 Intro to Computer Science - Program Design and Validation 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermodynamics 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS245 Experiments in Contemp Phscs - Experiments in Contemp Phscs 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS461 Introduction to Acoustics- Introduction to Acoustics 3.0

Requirement 2 — Complete 1 Course

PHSCS442 Electrodynamics- Electrodynamics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS561 Fundamentals of Acoustics- Fundamentals of Acoustics 3.0

Requirement 3 — Obtain confirmation from your advisement center that you have completed the following:

After gaining an acoustics advisor's approval of courses selected to define an option, complete an additional nine hours of acoustics-related electives (cannot include any courses already taken above). These nine hours must consist of a coherent set of upper-division courses with an identified acoustics-related educational goal. Six hours must be upper division (300-level or above); three hours must be 200-level or above.

Requirement 4 — Complete 1 of 2 Options

Option 4.1 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 4.0

Option 4.2 — Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Requirement 5 — Complete 2 hours

Complete a capstone project or senior thesis including the following: A. Choose a research mentor within the acoustics research group as early as possible. It is best to start as a freshman or sophomore. Interdisciplinary acoustics-related work in other departments or an acoustics-based internship is possible. B. Complete 2 hours of one of the following:

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take up to 2.0 credit hours* 0.5v

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Applied Physics (BS): Data Science Emphasis

Program Information

Minimum Credit Hours
66

Maximum Credit Hours
68

Major Academic Plan
MAPS - BS in Applied Physics Data Science 2026-2027.docx

Learning Outcomes

Title
Physics Theory and Application

Learning Outcome
Apply principles to model and solve representative problems analytically and computationally, at an introductory level from the primary physical theories (classical mechanics, statistical mechanics, quantum mechanics, special relativity, thermodynamics, electromagnetism and optics).

Title
Data Science Theory and Application

Learning Outcome
Apply principles of data science to model physical systems, address physical and astronomical problems, and evaluate the uncertainty, sensitivity, and fidelity of the models.

Title
Effective Communication

Learning Outcome
Communicate professionally to a technical audience both orally and in writing. Be able to understand scientific ideas by reading books and journal articles.

Title
Professional Ethics

Learning Outcome
Understand scientific ethical practices, and demonstrate them in the conduct of scientific research.

Title
Research and Professional Preparation

Learning Outcome
Conduct data-science related research of a physical or astronomical system under the direction of a mentor to contribute to the generation of new knowledge or technologies, and prepare to do this professionally.

Program Requirements

No more than 3 hours of D credit is allowed in major courses.

Consult with a faculty advisor as early as possible to choose electives.

Requirement 1 — Complete 19 Courses

Note: Phscs 191 should be taken the first semester as a freshman. Phscs 291 should be taken the first semester as a sophomore.

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

MATH113 Calculus 2 - Calculus 2 4.0

PHSCS121 Intro to Newtonian Mechanics - Intro to Newtonian Mechanics 3.0

PHSCS123 Intro to Waves, Optics, Thermo - Intro to Waves, Optics, Thermo 3.0

PHSCS191 Intro Phscs Careers & Rsrch 1 - Intro Phscs Careers & Rsrch 1 0.5

PHSCS220 Intro Electricity & Magnetism - Intro Electricity & Magnetism 3.0

PHSCS222 Modern Physics - Modern Physics 3.0

PHSCS225 Intro to Experimental Physics - Intro to Experimental Physics 2.0

PHSCS230 Computational Physics Lab 1 - Computational Physics Lab 1 1.0

PHSCS240 Dsgn, Fabricatn, Sci Apparatus - Dsgn, Fabricatn, Sci Apparatus 2.0

PHSCS291 Intro Phscs Careers & Rsrch 2 - Intro Phscs Careers & Rsrch 2 0.5

PHSCS318 Intro Math Physics - Intro Math Physics 3.0

PHSCS321 Mechanics - Mechanics 3.0

PHSCS330 Computational Physics Lab 2 - Computational Physics Lab 2 1.0

PHSCS360 Statistical & Thermal Physics - Statistical & Thermal Physics 3.0

PHSCS383 Physical Reasoning With Data - Physical Reasoning With Data 3.0

PHSCS430 Computational Physics Lab 3 - Computational Physics Lab 3 1.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 2 — Complete 1 Course

PHSCS427 Stellar Astrophysics - Stellar Astrophysics 3.0

PHSCS428 Galaxies and Cosmology - Galaxies and Cosmology 3.0

PHSCS441 Electricity & Magnetism - Electricity & Magnetism 3.0

PHSCS451 Quantum Mechanics - Quantum Mechanics 3.0

PHSCS461 Introduction to Acoustics - Introduction to Acoustics 3.0

PHSCS471 Principles of Optics - Principles of Optics 3.0

PHSCS581 Solid State Physics - Solid State Physics 3.0

Requirement 3 — Complete 9 Hours

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

EC EN380 Signals & Systems - Signals & Systems 4.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

PHSCS530 Computational Physics - Computational Physics 3.0

PHSCS580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT386 Data Science Process - Data Science Process 3.0

Requirement 4 — Complete 1 Option

Note: Option 4.1 is preferred.

Option 4.1 — Complete 4 Courses

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

Option 4.2 — Complete 2 Courses

MATH302 Math for Engr 1 - Math for Engr 1 4.0

MATH303 Math for Engineering 2 - Math for Engineering 2 4.0

Requirement 5 — Complete 1 Requirement

Complete a capstone project or senior thesis including the following: A. Choose a research mentor and group as early as possible, starting with information in Phscs 191 and 291, and discussions with faculty, your advisor, and the capstone project coordinator or senior thesis coordinator. It is best to start as a freshman or sophomore. Interdisciplinary work in other departments or in internships is possible.

Requirement 5.1 — Complete 2 Hours

B. Complete 2 hours of one of the following:

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take up to 2.0 credit hours* 0.5v

PHSCS498R Senior Thesis - Senior Thesis - *You may take up to 2.0 credit hours* 0.5v

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Students are required to take the Physics "Major Field Test" the last semester before they graduate. The test is a standardized assessment of undergraduate physics written by ETS (Educational Testing Service). The ETS website contains a description of the exam and sample problems: http://www.ets.org/mft/about/content/physics. Results of the exam do not appear on the transcript or affect the GPA. Students should contact the Physics undergraduate secretary to make arrangements for taking the exam; typically it's done in the Testing Center before mid-semester

Statistics (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
18	20

Program Requirements

Requirement 1 — Complete 1 of 2 Courses

Note: Students who have passed the AP statistics exam or an introductory statistics course should not take Stat 121.

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT201 Stat for Engineers & Scientist - Stat for Engineers & Scientist 3.0

Requirement 2 —Complete 1 Course

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

Requirement 3 — Complete 1 of 3 Options

Option 3.1 — Complete 2 Courses

MATH112 Calculus 1 - Calculus 1 4.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

Option 3.2 — Complete 2 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Option 3.3 — Complete 2 Courses

IS303 Intro Computer Programming - Intro Computer Programming 3.0

STAT220 Stat Modeling for Data Science - Stat Modeling for Data Science 3.0

Requirement 4 — Complete 1 of 6 Courses

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

Requirement 5 — Complete 1 of 29 Courses

BIO264 Stat Analysis for Biologists - Stat Analysis for Biologists 4.0

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

FIN400 Analytical Methods in Finance - Analytical Methods in Finance 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GSCM412 Operations Analytics - Operations Analytics 3.0

HLTH313 Intro to Data Coll & Analysis - Intro to Data Coll & Analysis 3.0

IS302 Intro Databases (Non-Majors) - Intro Databases (Non-Majors) 3.0

IS315 Intro to Python Data Analytics - Intro to Python Data Analytics 3.0

IS355 Predictive AI - Predictive AI 3.0

MKTG411 Marketing Analytics - Marketing Analytics 3.0

MSB325 Intro Business Analytics - Intro Business Analytics 3.0

PHSCS383 Physical Reasoning With Data - Physical Reasoning With Data 3.0

POLI300 Statistical Analysis - Statistical Analysis 4.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

PWS274 Applied Biostatistics - Applied Biostatistics 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STRAT412 Strategy Analytics - Strategy Analytics 3.0

Data Science (BS)

Program Information

Minimum Credit Hours
74.5

Maximum Credit Hours
74.5

Major Academic Plan
MAP-BS in Data Science 2026-2027.docx

Learning Outcomes

Title
Data Science Practice

Learning Outcome
Students will be able to acquire, clean, wrangle, store, analyze and visualize a wide variety of data types using a wide variety of data science tools; they will be able to apply their knowledge of tools to solve novel problems, and understand the benefits and limitations of new tools.

Title
Data Science Theory

Learning Outcome
Students will demonstrate the ability to analyze data by appropriately visualizing, fitting, assessing, and interpreting a variety of models, and will understand the limits and possibilities of conclusions drawn from data.

Title
Data Science Ethics

Learning Outcome
Students will be able to mitigate the effects of biased or unreliable data, will be able to avoid the dangers of overreliance on unreliable data, and will be an ethical and positive voice arguing for fairness and transparency in high-impact applications of data science.

Title
Communication Skills

Learning Outcome
Students will be able to create effective visualizations, write technical reports and make technical presentations that convey insight harvested from data.

Title
Professional Preparation

Title
Belonging

Learning Outcome
This program is accessible to everyone, including women, minorities, and those new to STEM. Several strategies to support students from different backgrounds include broad advertisement, individual advisement, representation of professors and advisors from diverse backgrounds, working closely with the Office of Belonging, and belonging training for faculty and advisors.

Program Requirements

Requirement 1 — Complete 2 Requirements

Take the following introductory courses:

Requirement 1.1 — Complete 4 of 5 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

DS115 Data Science Careers - Data Science Careers 0.5

DS180 Intro to Data Science - Intro to Data Science 3.0

MATH112 Calculus 1 - Calculus 1 4.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Requirement 2 — Complete 7 hours

Take the following courses in mathematical foundations:

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 3 — Complete 12 hours

Take the following courses in statistical foundations:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

Requirement 4 — Complete 10 hours

Take the following courses in computing foundations:

C S235 Data Structures - Data Structures 3.0

C S240 Adv Software Construction - Adv Software Construction 4.0

C S452 Database Modeling Concepts - Database Modeling Concepts 3.0

Requirement 5 — Complete 17 hours

Take the following courses in the data science core:

C S270 Intro to Machine Learning - Intro to Machine Learning 3.0

C S404 Ethics & Computers in Society - Ethics & Computers in Society 2.0

MATH380 Mathematics of Data Science - Mathematics of Data Science 3.0

PHSCS383 Physical Reasoning With Data - Physical Reasoning With Data 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT386 Data Science Process - Data Science Process 3.0

Requirement 6 — Complete 12 hours

Take 4 of the following classes: Classes taken here will not double count in Requirement 7. C S 580 and PHSCS 580 are the same course; only one may be counted as an elective

BIO364 Bioinformatics Algorithms - Bioinformatics Algorithms 3.0

BIO 462 - Computational Cancer Biology 3.0 - *This course is no longer offered.*

C S462 Distributed System Design - Distributed System Design 3.0

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S482 Data Science Capstone 1 - Data Science Capstone 1 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S574 Transformers for NLP - Transformers for NLP 3.0

C S575 Intro to Graph Data Science - Intro to Graph Data Science 3.0

C S580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

ECON398 Applied Econometrics - Applied Econometrics 3.0

ECON484 Machine Learning for Econ - Machine Learning for Econ 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

GEOL230 Earth Data Vis - Earth Data Visualization 3.0

GEOL531 Geoscience Data Analysis - Geoscience Data Analysis 3.0

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH510 Num Methods for Linear Algebra - Num Methods for Linear Algebra 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0

PHSCS580 Theory of Predictive Modeling - Theory of Predictive Modeling 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT496R Academic Internship - Academic Internship - *You may take once* 0.5v

Some courses may require prerequisites outside of program requirements.

Requirement 7 — Complete 3 hours

Note: Courses used to fulfill this requirement will not double count in Requirement 6.

C S473 Advanced Machine Learning - Advanced Machine Learning 3.0

C S474 Deep Learning - Deep Learning 3.0

C S483 Data Science Capstone 2 - Data Science Capstone 2 3.0

C S497R Undergraduate Research - Undergraduate Research - *You may take once* 3.0

MATH399R Academic Internship - Academic Internship - *You may take once* 0.5v

MATH404 Model Uncertainty & Data 2 - Model Uncertainty & Data 2 3.0

MATH522 Mathematics of Deep Learning - Mathematics of Deep Learning 3.0

PHSCS492R Capstone in Applied Phscs - Capstone in Applied Phscs - *You may take once* 0.5v

PHSCS497R Research in Physics - Research in Physics - *You may take once* 0.5v

STAT486 Machine Learning - Machine Learning 3.0

STAT496R Academic Internship - Academic Internship - *You may take once* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take once* 0.5v

Statistics (BS): Statistical Science Emphasis

Program Information

Minimum Credit Hours
53.5

Maximum Credit Hours
53.5

Major Academic Plan
MAP-BS in Statistical Science 2026-2027.docx

Learning Outcomes

Title
Skills in Fitting Statistical Models

Learning Outcome
Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models

Title
Communication Skills

Learning Outcome
Graduates of the program will write technical reports and make technical presentations containing statistical findings and work in teams to demonstrate the consulting skills of a professional statistician

Title
Computing Skills

Learning Outcome
Graduates of the program will be able to manipulate data use appropriate statistical methods document and debug code in one or more profession statistical software programs

Title
Theoretical Foundations

Learning Outcome
Graduates of the program will be able to solve problems in basic probability theory statistical inference and calculus.

Title
Academic Preparation

Learning Outcome
Be prepared to enter top graduate (masters and/or PhD) programs in statistics

Program Requirements

Requirement 1 — Complete 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

Requirement 2 —Complete 6 Courses

Statistics core courses:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT390 Data Science Ethics - Data Ethics 1.5

STAT430 Statistical Modeling 3 - Statistical Modeling 3 3.0

Requirement 3 —Complete 4 Courses

Mathematical foundation courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 —Complete 3 hours

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

Requirement 5 —Complete 1 Course

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

Requirement 6 —Complete 6 hours

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 7 —Complete 12 hours

Note: Courses used in Requirements 4 and 6 will not double count here. Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.

MATH334 Ordinary Differential Equation - Ordinary Differential Equation 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Cloud Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take once* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability -Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take once* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take once* 0.5v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

It is strongly recommended that students interested in graduate study in statistics choose electives to prepare for the BYU BS/MS statistics integrated program by meeting with the Statistics Department graduate coordinator.

Actuarial Science (BS)

Program Information

Minimum Credit Hours
58

Maximum Credit Hours
58

Major Academic Plan
MAP-BS in Actuarial Science 2026-2027.docx

Learning Outcomes

Title
Actuarial Exams

Learning Outcome
Graduates will prepare for take and pass the exams required for employment in the actuarial science profession

Title
Communication Skills

Learning Outcome
Graduates of the program will write technical reports and make technical presentations containing statistical and actuarial results.

Title
Skills in Applied Statistics and Computing

Learning Outcome
Graduates of the program will apply statistical methods using relevant software to solve real world problems

Program Requirements

Requirement 1 —Complete 3 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

STAT274 Theory of Interest - Theory of Interest 3.0

Requirement 2 —Complete 6 Courses

Statistics core courses:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT390 Data Science Ethics - Data Ethics 1.5

STAT430 Statistical Modeling 3 - Statistical Modeling 3 3.0

Requirement 3 —Complete 4 Courses

Mathematical foundation courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 —Complete 3 hours

Recommended course: Actuarial science majors should take IS 520, but all of the courses are valuable.

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

Requirement 5 —Complete 3 Courses

STAT344 Long-term Actuarial Math - Long-term Actuarial Math 3.0

STAT346 Short-term Actuarial Math - Short-term Actuarial Math 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

Requirement 6 —Complete 3 hours

Note: If both courses are taken in requirement 6, one can be used as an elective in requirement 7. Students interested in life, finance, or pensions should take 444 and those interested in health or property/casualty should take 446.

STAT444 Adv Long-term Act Math - Adv Long-term Act Math 3.0

STAT446 Adv Short-term Act Math - Adv Short-term Act Math 3.0

Requirement 7 —Complete 9 hours

Note: Courses used to fulfill Requirements 4 and 6 will not double count here. Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.

ACC200 Principles of Accounting - Principles of Accounting 3.0

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Cloud Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT444 Adv Long-term Act Math - Adv Long-term Act Math 3.0

STAT446 Adv Short-term Act Math - Adv Short-term Act Math 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design and Causal - Experimental Design 3.0

Recommended Courses: Students should take Econ 110, Acc 200, and Fin 201 to complete the Society of Actuaries VEEs. Additionally, IS 515 and IS 520 are valuable in the daily work of an actuary.

Statistics (BS): Biostatistics Emphasis

Program Information

Minimum Credit Hours
55

Maximum Credit Hours
55

Major Academic Plan
MAP-BS in Biostatistics 2026-2027.docx

Learning Outcomes

Title
Skills in Fitting Statistical Models

Learning Outcome
Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models

Title
Communication Skills

Learning Outcome
Graduates of the program will write technical reports and make technical presentations containing statistical results and work in teams to demonstrate the consulting skills of a professional statistician

Title
Computing Skills

Learning Outcome
Graduates of the program will be able to manipulate data implement statistical methods document and debug code in one or more profession statistical software programs

Title
Academic Preparation

Learning Outcome
Be prepared to enter top graduate (masters and/or PhD) programs in biostatistics

Title
Theoretical Foundations

Learning Outcome
Graduates of the program will be able to solve problems in basic probability theory, statistical inference, and calculus

Program Requirements
Requirement 1 — Complete 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

Requirement 2 — Complete 6 Courses

Statistics core courses:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT390 Data Science Ethics - Data Ethics 1.5

STAT 430 - Statistical Modeling 3 3.0

Requirement 3 — Complete 4 Courses

Mathematical foundation courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 — Complete 3 hours

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

Requirement 5 — Complete 1 Course

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

Requirement 6 — Complete 3 hours

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 7 — Complete 6 hours

Note: If taken above, STAT 437 and 538 will not double count here.

BIO350 Ecology - Ecology 3.0

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM111 Principles of Chemistry 1 - Principles of Chemistry 1 4.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

PWS340 Genetics - Genetics 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 8 — Complete 3 hours

Note: Courses used anywhere above will not double count here.

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Cloud Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT448 Predictive Analytics - Predictive Analysis 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 9 — Complete 6 hours

Note: Courses used anywhere above will not double count here. Note: No more than 3.0 credit hours of any combination of Stat 496R and Stat 497R may be counted toward this requirement. Note: It is strongly recommended that students interested in graduate study in biostatistics complete Math 341 and 342.

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Cloud Computing - Statistical Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take once* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT448 Predictive Analytics - Predictive Analysis 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours*

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours*

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours*

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Statistics (BS): Applied Statistics & Analytics Emphasis

Program Information

Minimum Credit Hours
55

Maximum Credit Hours
55

Major Academic Plan
MAPS - BS in Statistics Applied Statistics & Analytics 2026-2027.docx

Learning Outcomes

Title
Fitting Statistical Models

Learning Outcome
Graduates of the program will demonstrate the ability to analyze data by appropriately fitting assessing and interpreting a variety of statistical models

Title
Communication Skills

Learning Outcome
Graduates of the program will write technical reports and make technical presentations containing statistical results and work in teams to demonstrate the consulting skills of a professional statistician

Title
Computing Skills

Learning Outcome
Graduates of the program will be able to manipulate data use appropriate statistical methods to analyze data document and debug code in one or more statistical software programs.

Title
Theoretical Foundations

Learning Outcome
Graduates of the program will be able to solve problems in basic probability theory statistical inference and calculus.

Title
Professional Preparation

Learning Outcome
Be employable in jobs with BS Applied Statistics requirement

Program Requirements
Requirement 1 —Complete 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

Requirement 2 —Complete 6 Courses

Statistics core courses:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT250 Applied R Programming - Applied R Programming 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT390 Data Science Ethics - Data Ethics 1.5

Requirement 3 —Complete 4 Courses

Mathematical foundation courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 —Complete 3 hours

C S110 How to Program - How to Program 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

Requirement 5 —Complete 6 hours

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 6 —Complete 15 hours

Note: Courses used in Requirements 4 and 5 will not double count here. Note: No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT344 Long-term Actuarial Math - Long-term Actuarial Math 3.0

STAT346 Short-term Actuarial Math - Short-term Actuarial Math 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT386 Data Science Process - Data Science Process 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

STAT486 Machine Learning - Machine Learning 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Statistics (BS): Data Science Emphasis

Program Information

Minimum Credit Hours
56.5

Maximum Credit Hours
57.5

Major Academic Plan
MAP-BS in Stat-Data Science 2026-2027.docx

Learning Outcomes

Title
Skill in fitting statistical models

Learning Outcome
Graduates of the program will demonstrate the ability to analyze data by appropriately fitting, assessing, and interpreting a variety of statistical models.

Title
Communication Skills

Learning Outcome
Graduates of the program will write technical reports and make technical presentations containing statistical results, and work in teams to demonstrate the consulting skills of a professional statistician

Title
Computing Skills

Learning Outcome
Graduates of the program will be able to manipulate data, use appropriate statistical methods, and document and debug code in one or more statistical software programs.

Title
Theoretical Foundations

Learning Outcome
Graduates of the program will be able to solve problems in basic probability theory, statistical inference and calculus.

Title
Professional Preparation

Learning Outcome
Graduates of the program will be employable in jobs with BS Data Science or BS Applied Statistics requirement.

Program Requirements

Requirement 1 —Complete 2 Courses

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

STAT130 Intro to Statistics Department - Intro to Statistics Department 0.5

Requirement 2 —Complete 7 Courses

Statistics core courses:

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT240 Probability and Inference 1 - Probability and Inference 1 3.0

STAT251 Intro to Bayesian Statistics - Introduction to Bayesian Statistics 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

STAT340 Probability and Inference 2 - Probability and Inference 2 3.0

STAT390 Data Science Ethics - Data Ethics 1.5

STAT430 Statistical Modeling 3 - Statistical Modeling 3 3.0

Requirement 3 — Complete 4 Courses

Mathematical foundation courses:

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

MATH213 Elementary Linear Algebra - Elementary Linear Algebra 2.0

MATH215 Computational Linear Algebra - Computational Linear Algebra 1.0

Requirement 4 —Complete 3 hours

C S180 Intro to Data Science - Intro to Data Science 3.0

HLTH440 Statistical Computing in Epi - Statistical Computing in Epi 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

Requirement 5 —Complete 1 of 2 Options

Option 5.1 —Complete 2 Courses

STAT482 Data Science Capstone 1 - Data Science Capstone 1 3.0

STAT483 Data Science Capstone 2 - Data Science Capstone 2 3.0

Option 5.2 —Complete 2 Courses

STAT386 Data Science Process - Data Science Process 3.0

STAT486 Machine Learning - Machine Learning 3.0

Requirement 6 —Complete 2 Courses

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S235 Data Structures - Data Structures 3.0

Requirement 7 —Complete 3 hours

Courses taken in any of the requirements above will not double count here.

STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take once* 1.0v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Requirement 8 —Complete 6 hours

Courses taken in any of the requirements above will not double count here. No more than 3.0 hours of any combination of STAT 496R and STAT 497R can be used for this requirement.

IS515 Adv Spreadsheets Bus Analysis - Spreadsheets for Bus Analysis 3.0

IS520 Spreadsheet Automation - Spreadsheet Automation 3.0

MATH314 Calculus of Several Variables - Calculus of Several Variables 3.0

MATH341 Theory of Analysis 1 - Theory of Analysis 1 3.0

MATH342 Theory of Analysis 2 - Theory of Analysis 2 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT274 Theory of Interest - Theory of Interest 3.0

STAT281 Data Visualization - Data Visualization 3.0

STAT286 Data Science Ecosystems - Data Science Ecosystems 3.0

STAT381 Statistical Cloud Computing - Statistical Cloud Computing 3.0

STAT395R Special Topics in Applied Stat - Special Topics in Applied Stat - *You may take up to 3.0 credit hours* 1.0v

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT437 Applications in Biostatistics - Applications in Biostatistics 3.0

STAT448 Predictive Analytics - Predictive Analytics 3.0

STAT451 Applied Bayesian Statistics - Applied Bayesian Statistics 3.0

STAT466 Bayesian Reliability - Bayesian Reliability 3.0

STAT469 Analysis of Correlated Data - Analysis of Correlated Data 3.0

STAT487 Deep Learning - Deep Learning 3.0

STAT495R Special Topics in Statistics - Special Topics in Statistics - *You may take up to 3.0 credit hours* 1.0v

STAT496R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

STAT497R Intro to Research - Intro to Research - *You may take up to 3.0 credit hours* 0.5v

STAT531 Experimental Design and Causal - Experimental Design 3.0

STAT538 Survival Analysis - Survival Analysis 3.0

Global Women's Studies (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Learning Outcomes

Title
Women and Society

Learning Outcome
Students will demonstrate knowledge of the ways different institutions (such as religion, education, media, family, government and law), issues (gender-based violence, health, representation in the media, the workplace), and factors (race, ethnicity, class, sexuality, ability) intersect with and affect women's lives.

Title
Women's Contributions

Learning Outcome
Students will demonstrate knowledge of the worldwide contributions of women (individually and collectively) to history, culture, politics, health, sciences, religions, family, etc.

Title
Effective Communication and Analysis

Learning Outcome
Students will read, write, and think analytically. They will conduct research using primary and secondary sources and communicate that research effectively in oral, written, and multi-media presentations.

Title
Women and Stewardship

Learning Outcome
Students will be afforded opportunities in and outside the classroom to define and cultivate their personal, civic, and spiritual stewardships.

Program Requirements

Requirement 1 — Complete 1 Course

GWS222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

Requirement 2 —Complete 2 Options

Option 2.1 —Complete 1 Course

GWS392R GWS Colloquium - GWS Colloquium - *You may take once* 1.0

Option 2.2 — Complete 1 of 3 Courses

GWS392R GWS Colloquium - GWS Colloquium - *You may take once* 1.0

GWS394R GWS Topics in Other Languages - GWS Topics in Other Languages - *You may take once* 1.0v

IAS301R KC Lecture Series - KC Lecture Series - *You may take once* 1.0

Requirement 3 — Complete 2 hours

Other study abroad, internship, mentored learning, or experiential opportunities related to women's studies may be substituted with faculty coordinator approval.

GWS395R GWS Mentored Study Experience - GWS Mentored Study Experience - *You may take once* 1.0v

GWS397R GWS Editing for Publication - GWS Editing for Publication - *You may take once* 1.0v

GWS398R GWS Study Abroad Experience - GWS Study Abroad Experience - *You may take once* 3.0

GWS399R GWS Internship - GWS Internship - *You may take once* 1.0v

GWS492 GWS Capstone - GWS Capstone 2.0

Requirement 4 — Complete 9 hours

ANTHR431 Kinship, Race, and Gender - Kinship, Race, and Gender 3.0

ARAB427 Arab Women Authors - Arab Women Authors 2.0

ARTHC301 Women in Art - Women in Art 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

ENGL396R Studies in Women's Lit - Studies in Women's Lit - *You may take once* 3.0

FREN458R Women in French Literature - Women in French Literature - *You may take once* 3.0

GERM430 Women's Studies Seminar - Women's Studies Seminar 3.0

GWS330 Women in the Scriptures - Women in the Scriptures 3.0

GWS332 History Latter-day Saint Women - History Latter-day Saint Women 3.0

GWS337R LDS Women Cultural Producers - LDS Women Cultural Producers - *You may take once* 3.0

GWS341 Women and Global Migration - Women and Global Migration 3.0

GWS350 Medieval Europe Women Writers - Medieval Europe Women Writers 3.0

GWS351 Early Mod Europ Women Writers - Early Mod Europ Women Writers 3.0

GWS352 Mod European Women Writers - Mod European Women Writers 3.0

GWS354 Pan American Women Writers - Pan American Women Writers 3.0

GWS358 Women and World Cinema - Women and World Cinema 3.0

GWS360R Women Who Made a Difference - Women Who Made a Difference - *You may take once* 1.0v

GWS370 Women in Science - Women in Science 3.0

GWS390R Special Topics - Special Topics - *You may take once* 1.0v

GWS394R GWS Topics in Other Languages - GWS Topics in Other Languages - *You may take once* 1.0v

GWS395R GWS Mentored Study Experience - GWS Mentored Study Experience - *You may take once* 1.0v

GWS397R GWS Editing for Publication - GWS Editing for Publication - *You may take once* 1.0v

GWS398R GWS Study Abroad Experience - GWS Study Abroad Experience - *You may take once* 3.0

GWS399R GWS Internship - GWS Internship - *You may take once* 1.0v

GWS422 Global Women's Studies Theory - Global Women's Studies Theory 3.0

HIST288R Women in a Changing World - Women in a Changing World - *You may take once* 0.5v

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST378 History of American Families - History of American Families 3.0

HIST384 US Women's History - US Women's History 3.0

HLTH450 Women's Health - Women's Health 3.0

ITAL445 Italian Women Writers - Italian Women Writers 3.0

PHIL370R Women and Philosophy - Women and Philosophy - *You may take once* 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PORT437R Women Writers in Portuguese - Women Writers in Portuguese - *You may take once* 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC345 World Populations - World Populations 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

SPAN437R Women Writers in Spanish - Women Writers in Spanish - *You may take once* 3.0

Anthropology (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Learning Outcomes

Title
Effective Communication

Learning Outcome
Students will be able to communicate evidence-based anthropological arguments visually, orally, and in written form with professional and public audiences.

Title
Research Skills and Methods

Learning Outcome
Students will be able to apply appropriate methods to gather, analyze, and interpret anthropological data.

Title
Human Cultural History and Diversity

Learning Outcome
Students will be able to describe the diversity of past human cultures and apply this knowledge to analysis of the contemporary world.

Title
Critical Thinking And Theoretical Application

Learning Outcome
Program graduates will be to evaluate concepts and apply appropriate theoretical frameworks in the analysis of social issues.

Title
Lifelong Learning and Transferable Skills

Learning Outcome
Students will apply anthropological skills to other disciplines and to continuously expand their knowledge after graduation.

Program Requirements

Requirement 1 — Complete 16 hours

No more than two courses can be taken from lower-division (100-level) course offerings.

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

ANTHR103 Archaeology Field Trip - Archaeology Field Trip 1.0

ANTHR110 Discovering Archaeology - Discovering Archaeology 3.0

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR209 Intercultural Communication - Intercultural Communication 3.0

ANTHR215 Archaeological Method Theory - Archaeological Method Theory 3.0

ANTHR239 Intro to Medical/Psych Anthr - Intro to Medical/Psych Anthr 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR301 Human Osteology - Human Osteology 3.0

ANTHR304 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR305 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR312 Intercultural Communication - Intercultural Communication 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR342 Disease and Society - Disease and Society 3.0

ANTHR343 Chinese Culture & Society - Chinese Culture & Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR345 American Culture - American Culture 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR370 Community Based Research - Community Based Research 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take once* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR405 Archaeological Science - Archaeological Science 3.0

ANTHR406 Digital Archaeology - Digital Archaeology 3.0

ANTHR407 Multispecies Sociality - Multispecies Sociality 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR410 Ethnoarchaeology - Ethnoarchaeology 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR420 Visual Anthro - Visual Anthro 3.0

ANTHR430 Anthropology of Religion - Anthropology of Religion 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR434 Medical Anthropology - Medical Anthropology 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Advanced Medical/Psych Anthr - Advanced Medical/Psych Anthr 3.0

ANTHR366 The End of the World - The End of the World 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR454 Field School Prep - Field School Prep 2.0

ANTHR455 Field School of Archaeology - Field School of Archaeology 6.0

ANTHR456 Lab Skills for Anthropology - Lab Skills for Anthropology 3.0

ANTHR490R Special Topics - Special Topics in Anthropology - *You may take once* 0.5v

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR496R Academic Internship - Academic Internship - *You may take once* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR499 Senior Thesis - Senior Thesis 3.0

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR512 Heritage Resource Mgt - Heritage Resource Mgt 3.0

ANTHR522 Museum Practices & Technlgs - Museum Practices & Technlgs 3.0

ANTHR524 Museology: Curation & Wrtng - Museology: Curation & Wrtng 3.0

ANTHR526 Museum Exhibitns & Progrmmng - Museum Exhibitns & Progrmmng 3.0

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ANTHR641 Southeast Asia Seminar - Southeast Asia Seminar 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

ANTHR580 Near East Seminar - Near East Seminar 3.0

IAS353R Intercultural Outreach Prep - Intercultural Outreach Prep - *You may take once* 1.0v

Anthropology: Cultural Emphasis (Secondary Major) (BA)

Program Information

Minimum Credit Hours
33.5

Maximum Credit Hours
33.5

Learning Outcomes

Title
See Anthropology BA Cultural Emphasis

Learning Outcome
See Anthropology BA Cultural Emphasis

Program Requirements

Requirement 1 — Obtain confirmation from your advisement center that you have completed the following:

Complete all requirements of a primary major. Double counting courses between primary major and anthropology will not be allowed.

Requirement 2 — Complete 18.5 hours

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR304 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR305 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR499 Senior Thesis - Senior Thesis 3.0

Note: The major requires that a field project be completed in one of the recognized field schools conducted by a member of the BYU faculty. A local field work option is available in exceptional circumstances and must be approved by the entire faculty.

Requirement 3 — Complete 15 hours

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

ANTHR209 Intercultural Communication - Intercultural Communication 3.0

ANTHR239 Intro to Medical/Psych Anthr - Intro to Medical/Psych Anthr 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

KF7BlbKyip847bVGy0k6 - Missing course - Nat People So Am 3.0

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR342 Disease and Society - Disease and Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR366 The End of the World - The End of the World 3.0

ANTHR370 Community Based Research - Community Based Interventions 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthropology - *You may take up to 6.0 credits* 0.5v

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR407 Multispecies Sociality - Multispecies Sociality 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR420 Visual Anthro - Visual Anthro 3.0

ANTHR430 Anthropology of Religion - Anthropology of Religion 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Advanced Medical/Psych Anthr - Advanced Medical/Psych Anthr 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR490R Special Topics - Special Topics - *You may take up to 3.0 credit hours* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR498R Directed Research - Directed Research - *You may take once* 1.0v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

LING550 Sociolinguistics - Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

Anthropology (BA): Archaeology Emphasis

Program Information

Minimum Credit Hours
47.5

Maximum Credit Hours
47.5

Learning Outcomes

Title
Professional Communication

Learning Outcome
Graduates will have the oral and written communication skills to be effective professionals, leaders, and to serve their communities.

Title
Human Cultural History and Diversity

Learning Outcome
Graduates will have knowledge of the diversity of human culture throughout the world and time and practice Christ-like love for all people, which comes from our common heritage as children of God (Malachi 4:5-6).

Title
Method and Theory

Learning Outcome
Graduates will be able to think critically, apply anthropological theory and appropriate research methods. They will gather, process, and interpret archaeological data and be able to transfer those research skills to increase our knowledge and serve God's children (D&C 124:26).

Title
Original Mentored Research

Learning Outcome
Inspired by faculty mentors, students will be able to conduct original, high-quality research and disseminate results through senior theses, presentations, reports, published articles, and other products. Students will learn to seek and recognize inspiration in these pursuits.

Title
Lifelong Learning and Service

Learning Outcome
In preparation to serve, uplift, and edify others, graduates will continue life-long learning and teaching, which are integral to our gospel heritage and covenants. They will be guided by the commandment to "seek ye diligently and teach one another words of wisdom; yea, seek ye out of the best books words of wisdom; seek learning, even by study and also by faith" (D&C 88:80, 112).

Program Requirements

Requirement 1 — Complete 6 Courses

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR215 Archaeological Method Theory - Archaeol:Mthd,Thry 3.0

ANTHR304 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR305 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

Requirement 2 —Complete 9 hours

Regional archaeology courses

ANTHR328 Andean South America - Andean South America 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR351 Archaeology and the Bible - Archaeology and the Bible 3.0

ANTHR355 Arch Mesoamerica - Arch Mesoamerica 3.0

ANTHR375 Archaeology of Egypt - Archaeology of Egypt 3.0

ANTHR376 Arch of Ancient Aegean&Greece - Arch of Ancient Aegean&Greece 3.0

ANTHR377 Arch of Roman Civilization - Arch of Roman Civilization 3.0

ANTHR378 Near Eastern Archaeology - Near Eastern Archaeology 3.0

ANTHR379 Archaeology of Islam - Archaeology of Islam 3.0

ANTHR385 Archaeology of Europe - Archaeology of Europe 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 3.0 credit hours* 0.5v

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ANTHR580 Near East Seminar - Near East Seminar 3.0

ANTHR 590R - Special Topics - *You may take up to 3.0 credit hours* 3.0 - *This course is no longer avaliable.*

Requirement 3 — Complete 6 hours

Archaeological and museum practice courses

ANTHR103 Archaeology Field Trip - Archaeology Field Trip 1.0

ANTHR301 Human Osteology - Human Osteology 3.0

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR402 Quantitative Methods - Quantitative Methods 3.0

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR405 Archaeological Science - Archaeological Science 3.0

ANTHR406 Digital Archaeology - Archaeoinformatics 3.0

ANTHR410 Ethnoarchaeology - Ethnoarchaeology 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR490R Special Topics - Special Topics - *You may take once* 0.5v

ANTHR512 Heritage Resource Mgt - Heritage Resource Mgt 3.0

Requirement 4 — Complete 3 hours

Other anthropological sub disciplines

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

ANTHR366 The End of the World - The End of the World 3.0

ANTHR407 Multispecies Sociality - Multispecies Sociality 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR430 Anthropology of Religion - Anthropology of Religion 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Advanced Medical/Psych Anthr - Advanced Medical/Psych Anthr 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR490R Special Topics in Theory & Sys - Special Topics in Theory & Sys - *You may take once* 0.5v

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

ANTHR496R Academic Internship - Academic Internship - *You may take once* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR498R Directed Research - Directed Research - *You may take once* 1.0v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

LING550 Sociolinguistics - Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

Requirement 5 —Complete 4 Courses

Complete the following in sequential order:

ANTHR454 Field School Prep - Field School Prep 2.0

ANTHR455 Field School of Archaeology - Field School of Archaeology 6.0

ANTHR456 Lab Skills for Anthropology - Lab Skills for Anthropology 3.0

ANTHR499 Senior Thesis - Senior Thesis 3.0

Anthropology (BA): Cultural Emphasis

Program Information

Minimum Credit Hours
45.5

Maximum Credit Hours
45.5

Learning Outcomes

Title
Critical Thinking and Analysis

Learning Outcome
Students will be prepared to analyze and provide anthropological interpretations of human activities, interactions, sociality and thought through the lens of the Gospel of Jesus Christ.

Title
Effective Communication

Learning Outcome
Students will be able to write clearly and precisely. They will also be able to verbally communicate clearly and in a professional manner.

Title
Social Theory

Learning Outcome
Students will be able to utilize a range of social theory frameworks and explain how these rationales are mobilized to understand human agency and action, the relationship between actors and social structures and meaning-making processes.

Title
Research Skills and Methods

Learning Outcome
Students will build character as they use ethnographic, qualitative and quantitative methods to gather, process and interpret research data. They will be able to employ relevant methods and analyses to understand and make decisions about particular issues and problems throughout their lives and careers.

Title
Original Mentored Research

Learning Outcome
Through a 3-course sequence of faculty-mentored research and writing experiences, students will be able to design and conduct an original research project with anthropological questions and appropriate research methods. The research project will culminate in a high quality, theoretically-informed senior thesis.

Title
Human Cultural Diversity

Learning Outcome
Students will be able to identify and interpret diverse social and cultural perspectives through empirical research and empathetic, Christlike engagement.

Title
Integration of Faith and Intellect

Learning Outcome
Students will put theoretical and philosophical concepts and arguments directly into conversation with their faith and testimonies of the Restored Gospel. They will both broaden their understanding of the world-including what anthropologists have contributed to understanding human experience-and deepen their understanding of the Gospel as they "study and learn, and become acquainted with all good books, and with languages, tongues, and people." (Doctrine and Covenants 90:15)

Program Requirements

Requirement 1 — Complete 5 Courses

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

ANTHR110 Discovering Archaeology - Intro to Archaeology 3.0

ANTHR150 Introduction to the Major - Introduction to the Major 0.5

ANTHR304 Foundations of Social Theory - Foundations of Social Theory 3.0

ANTHR305 Foundations of Anthr Theory - Foundations of Anthr Theory 3.0

Requirement 2 —Complete 21 hours

These courses can only be counted towards the major if taken on campus, i.e., no test-out language credits can count toward the major.

Option 2.1— Complete 18 hours up to 21 hours

ANTHR120 Biological Anthropology - Biological Anthropology 3.0

ANTHR209 Intercultural Communication - Intercultural Communication 3.0

ANTHR239 Intro to Medical/Psych Anthr - Intro to Medical/Psych Anthr 3.0

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR 309 - Language, Culture, & Society 3.0 - *This course is no longer avaliable.*

ANTHR327 The Hmong Diaspora - The Hmong Diaspora 3.0

ANTHR328 Andean South America - Andean South America 3.0

ANTHR330 Peoples of Africa - Peoples of Africa 3.0

ANTHR340 Peoples of the Middle East - Peoples of the Middle East 3.0

ANTHR341 Ethnonationalism and SE Asia - Ethnonationalism and SE Asia 3.0

ANTHR342 Disease and Society - Disease and Society 3.0

ANTHR344 Korean Culture - Korean Culture 3.0

ANTHR366 The End of the World - The End of the World 3.0

ANTHR370 Community Based Research - Community Based Research 3.0

ANTHR390R Spec Topics in Regional Anthro - Spec Topics in Regional Anthro - *You may take up to 9.0 credit hours* 0.5v

ANTHR404 Historical Anthropology - Historical Anthropology 3.0

ANTHR407 Multispecies Sociality- Multispecies Sociality 3.0

ANTHR409 Advanced Linguistic Anthr - Advanced Linguistic Anthr 3.0

ANTHR420 Visual Anthro - Visual Anthro 3.0

ANTHR430 Anthropology of Religion - Anthropology of Religion 3.0

ANTHR431 Kinship, Race, and Gender - Kinship & Gender 3.0

ANTHR432 Economic&Political Institutns - Economic & Political Institutns 3.0

ANTHR436 Symbolic Anthropology - Symbolic Anthropology 3.0

ANTHR439 Advanced Medical/Psych Anthr - Advanced Medical/Psych Anthr 3.0

ANTHR450 Anthropology Seminar - Anthropology Seminar 1.0

ANTHR490R Special Topics - Special Topics - *You may take up to 15.0 credit hours* 0.5v

ANTHR496R Academic Internship - Academic Internship - *You may take once* 0.5v

ANTHR497 Directed Readings - Directed Readings 3.0

ANTHR498R Directed Research - Directed Research - *You may take once* 1.0v

ANTHR503 Contemporary Theory - Contemporary Theory 3.0

ANTHR543 Ethnographic Data Analysis - Ethnographic Data Analysis 3.0

HMONG101 First-Year Hmong - First-Year Hmong 4.0

HMONG102 First-Year Hmong - First-Year Hmong 4.0

HMONG201 Second-Year Hmong - Second-Year Hmong 4.0

HMONG202 Second-Year Hmong - Second-Year Hmong 4.0

KOREA101 First-Year Korean 1 - First-Year Korean 1 4.0

KOREA102 First-Year Korean 2 - First-Year Korean 2 4.0

KOREA201 Second-Year Korean 1 - Second-Year Korean 1 4.0

KOREA202 Second-Year Korean 2 - Second-Year Korean 2 4.0

LING550 Sociolinguistics - Sociolinguistics 3.0

LING551 Anthropological Linguistics - Anthropological Linguistics 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

Option 2.2 —Complete up to 3 hours

Up to 3 hours of the following Museum Studies courses may be used to complete the Requirement 2.

ANTHR311 Museums & Cultures - Museums & Cultures 3.0

ANTHR314 Museum Registration & Ethics - Museum Registration & Ethics 3.0

ANTHR412 Museum Collections Management - Museum Collections Management 3.0

ANTHR414 Museum Projects - Museum Projects 3.0

ANTHR522 Museum Practices & Technlgs - Museum Practices & Technlgs 3.0

ANTHR524 Museology: Curation & Wrtng - Museology: Curation & Wrtng 3.0

ANTHR526 Museum Exhibitns & Progrmmng - Museum Exhibitns & Progrmmng 3.0

Requirement 3 —Complete 3 Requirements

Complete the following in sequential order:

Requirement 3.1 —Complete 1 Course

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

Requirement 3.2 —Complete 6 hours

Note: The major requires that a field project be completed in one of the recognized field schools conducted by a member of the BYU faculty. A local field work option is available in exceptional circumstances and must be approved by the entire faculty.

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take up to 6.0 credit hours* 3.0v

Requirement 3.3 —Complete 1 Course

ANTHR499 Senior Thesis - Senior Thesis 3.0

Family Life (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Program Requirements

This minor is intended for non-School of Family Life majors only.

The School of Family Life requires a minimum of nine hours to be taken in residence at BYU and from the School of Family Life for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 3 Courses

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL210 Human Development - Human Development 3.0

SFL260 Family Finance - Family Finance 3.0

Requirement 2 — Complete 6 hours

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basic Sewing Techniques - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

SFL224 Marriage Enhancement - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Sewing Techniques 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Sewing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Sewing Studies: Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

Geospatial Science & Technology (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
22

Program Requirements

Requirement 1 — Complete 4 Courses

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

Requirement 2 — Complete 3 of 7 Courses

GEOG213 Earth & Image Interpretation - Earth & Image Interpretation 2.0

GEOG217 Programming for Geographers I - Programming for Geographers I 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG521R GIS Practicum - GIS Practicum - *You may take once* 3.0

Global Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 Complete 5 Courses

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

Requirement 2 — Complete 3 hours

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG213 Earth & Image Interpretation - Earth & Image Interpretation 3.0

GEOG217 Programming for Geographers I - Programming for Geographers I 4.0

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Climate & Society - Climate & Society 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Programming for Geographers II - Programming for Geographers II 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG347 Geography of Tourism - Geography of Tourism 3.0

GEOG348 Intl Perspectives on Tourism - Intl Perspectives on Tourism 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Sust Tourism Planning & Devel 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

GEOG415R Field Methods - Field Methods - *You may take once* 1.0v

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

GEOG422 Urban Design - Urban Design 2.0

GEOG423 Planning for Unique Lands - Planning for Unique Lands 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG441 Sem in Geospatial Intellig 1 - Sem in Geospatial Intellig 1 3.0

GEOG442 Sem in Geospatial Intellig 2 - Sem in Geospatial Intellig 2 3.0

GEOG477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

GEOG495R Mentored Research - Mentored Research - *You may take once* 1.0v

GEOG501R Sem in Geography - Sem in Geography - *You may take once* 0.5v

Geography Teaching (Minor)

Program Information

Minimum Credit Hours
23

Maximum Credit Hours
23

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 4 Courses

GEOG101 Global Environment - Global Environment 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

Requirement 2 — Complete 1 of 2 Courses

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

Requirement 3 — Complete 2 Courses

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

Requirement 4 — Complete 1 Course

GEOG477R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Tourism Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 3 Courses

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG347 Geography of Tourism - Geography of Tourism 3.0

GEOG348 Intl Perspectives on Tourism - TIntl Perspectives on Tourism 3.0

Requirement 2 — Complete 2 of 6 Courses

EXDM300 Creating a Good Life - Creating a Good Life 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Sust Tourism Planning & Devel 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 3 — Complete 1 of 9 Courses

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Urban & Regional Planning (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 4 Courses

Core courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 2.0v

Requirement 2 — Complete 2 of 4 Courses

Planning elective courses:

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG422 Urban Design - Urban Design 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

Geography (BS): Tourism Development Emphasis

Program Information

Minimum Credit Hours
47

Maximum Credit Hours
47

Major Academic Plan

MAPS - BS in Geography - Tourism Studies 2026-2027.docx

Learning Outcomes

Title
Core Geographic Knowledge and Skills

Learning Outcome
Understand, explain, and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication.

Title
Geography and Tourism

Learning Outcome
Understand and explain how the different geographies of tourism are created, maintained, and utilized in the modern world. Evaluate the impacts of tourism on present and future economies, cultures, societies, and physical environments.

Title
Tourism Issues and Trends

Learning Outcome
Interpret tourism issues and trends vis-a-vis key geographic concepts of globalization, mobility, production, and consumption. Explain the spatial patterns of tourism development and the dynamic relationships between travel generating regions and destination regions using geographic principles.

Title
Tourism and Cultural Understanding

Learning Outcome
Leverage tourism activities to promote increased understanding, knowledge, passion, respect, and empathy for other peoples, cultures, and places.

Program Requirements

Requirement 1 — Complete 20 hours

Geography core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 —Complete 6 hours

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Requirement 3 —Complete 6 hours

Major courses:

GEOG347 Geography of Tourism - Geography of Tourism 3.0

GEOG348 Intl Perspectives on Tourism - Intl Perspectives on Tourism 3.0

Requirement 4 —Complete 12 hours

Advanced tourism courses :

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM302 Hospitality Management - Hospitality Management 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

GEOG350 Sust Tourism Planning & Devel - Sust Tourism Planning & Devel 3.0

GEOG353 Heritage & Cultural Tourism - Heritage & Cultural Tourism 3.0

MKTG201 Marketing Management - Marketing Management 3.0

Requirement 5 — Complete 3 hours

Experiential Learning.

GEOG399R Academic Internship - Academic Internship 0.5v

GEOG415R Field Methods - Field Methods 1.0v

GEOG495R Mentored Research - Mentored Research 1.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Geography (BS): Geospatial Science & Technology Emphasis

Program Information

Minimum Credit Hours
54

Maximum Credit Hours
54

Major Academic Plan

MAPS - BS in Geography - Geospatial Science & Technology 2026-2027.docx

Learning Outcomes

Title
Core Geographic Knowledge and Skills

Learning Outcome
Understand, explain and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication.

Title
Geographic Information Science

Learning Outcome
Explain the fundamental theories underlying geospatial technologies, and correlate them to the data models and procedures implemented in those technologies (NGS Standard 2, BoK Knowledge Area CF: Conceptual Foundations)

Title
Geospatial Data Acquisition and Management

Learning Outcome
Acquire and manage geospatial data as appropriate to a given application, using the proper sources, data models, and data formats (NGS standard 1; NGS Skill 2: acquiring geographic information and 3: organizing geographic information; BoK Knowledge Areas GD: Geospatial Data, DA: Design Aspects, DM: Data Models).

Title
Geospatial Data Analysis

Learning Outcome
Analyze geospatial data to accomplish geographic tasks in scientific research and/or decision support, by applying spatial thinking principles using geospatial analysis procedures (GIS, RS, statistical) (NGS Standard 3; NGS skill 4: analyzing geographic information; BoK Knowledge Area AM: Analytical Methods)

Title
Cartography

Learning Outcome
Design quality maps to visualize and communicate geographic information and analysis results (NGS standard 1; NGS skill 5: answering geographic questions; BoK Knowledge Area CV: Cartography and Visualization).

Title
Programming

Learning Outcome
Create programs and scripts to automate geospatial tasks and implement geographic concepts (NGS skill 5: answering geographic questions; BoK Unit DA6: Application Design)

Program Requirements

Requirement 1 — Complete 7 courses

Core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 — Complete 3 hours

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Requirement 3 — Complete 3 hours

Physical, regional, or human geography courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 3.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

Requirement 4 —Complete 19 hours

Major courses:

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG217 Programming for Geographers I - Programming for Geographers I 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Programming for Geographers II - Programming for Geographers II 3.0

Requirement 5 —Complete 6 hours

Complete two courses (6 credit hours) from the following:

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG411 Issues in Computer Cartography - Issues in Computer Cartography 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

GEOG414 Image Acquisition & Processing - Image Acquisition & Processing 3.0

GEOG521R GIS Practicum - GIS Practicum - *You may take once* 3.0

Requirement 6 —Complete 3 hours

Experiential Learning

GEOG399R Academic Internship - Academic Internship 0.5v

GEOG415R Field Methods - Field Methods 1.0v

GEOG495R Mentored Research - Mentored Research 1.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 7 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Geography (BS): Environment and Society Emphasis

Program Information

Minimum Credit Hours
47

Maximum Credit Hours
47

Major Academic Plan
MAPS - BS in Geography - Environment and Society 2026-2027.docx

Learning Outcomes

Title
Environmental Change and Ecological Systems

Learning Outcome
Analyze the causes and potential impacts of global and local environmental change on ecological systems (NGS standards 7, 15, 16, 18).

Title
Environmental Problem Solving

Learning Outcome
Develop a solution to a given environmental issue that incorporates the relevant political, ethical, economic, legal, and cultural factors, in addition to the principles of physical geography (NGS standard 18, skills)

Title
Physical Processes and the Natural Landscape

Learning Outcome
Evaluate the biological, geological, climatic, and other physical processes that produce spatial patterns in the natural landscape.

Title
Core geographic knowledge and skills

Learning Outcome
Understand, explain and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication.

Program Requirements

Requirement 1 —Complete 20 hours

Core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 —Complete 1 of 10 Courses

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Requirement 3 —Complete 1 of 5 Courses

Environment courses:

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Climate & Society - Geog of Climates 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

Requirement 4 — Complete 1 of 7 Courses

Society courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG348 Intl Perspectives on Tourism - Intl Perspectives on Tourism 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

Requirement 5 — Complete 1 of 4 Courses

Techniques courses:

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG217 Programming for Geographers I - Programming for Geographers 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

Requirement 6 — Complete 9 hours

Courses taken in Requirements 3-5 do not double count.

Regional Courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Environment Courses:

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Climate & Society - Geog of Climates 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

Society courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG348 Intl Perspectives on Tourism - Intl Perspectives on Tourism 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

Techniques courses:

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG217 Programming for Geographers I - Programming for Geographers 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Programming for Geographers II - Analytical Cartography 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

General course:

GEOG493R Special Problems - Special Problems - *You may take once* 0.5-3.0v

Requirement 7 —Complete 1 of 2 Courses

GEOG487 Environment and Society - Environment and Society 3.0

GEOG489 Geog of Contemporary Issues - Geog of Contemporary Issues 3.0

Requirement 8 — Complete 3 hours

GEOG399R Academic Internship - Academic Internship 0.5-6.0v

GEOG415R Field Methods - Field Methods 1.0-3.0v

GEOG495R Mentored Research - Mentored Research 1.0-3.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 9 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Geography (BS): Global Studies Emphasis

Program Information

Minimum Credit Hours
38

Maximum Credit Hours
38

Major Academic Plan
MAPS - BS in Geography - Global Studies 2026-2027.docx

Learning Outcomes

Title
Human and Environmental Processes

Learning Outcome
Evaluate the core human and environmental processes which create the context for global issues (Geog 101, 110, 120, 130 and other human and physical geography courses)

Title
Regional Geography

Learning Outcome
Examine the characteristics of a given place or region vis a vis the physical and human patterns and processes that are present (NGS element: Places and Regions).

Title
Current World Issues

Learning Outcome
Recognize and illustrate the tradeoffs associated with current world issues from an increase in knowledge, understanding, passion and emphathy (Courses: Geog 120, 110, 130, 331, 341, 346 and various regional courses).

Title
Core geographic knowledge and skills

Learning Outcome
Understand, explain and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication.

Program Requirements
Requirement 1 — Complete 20 hours

Geography core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 —Complete 3 hours

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Requirement 3 —Complete 9 hours

(No double counting with Requirement 2)

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Environment courses:

GEOG303 Biogeography - Biogeography 3.0

GEOG304 Climate & Society - Geog of Climates 3.0

GEOG305 Geography of Landforms - Geography of Landforms 3.0

GEOG306 Public Lands: Planning & Mgmt -Public Lands: Planning & Mgmt 3.0

GEOG307 Spatial Analysis of Envr Data - Spatial Analysis of Envr Data 3.0

Society courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG331 Economic Geography - Economic Geography 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG346 Population Geography - Population Geography 3.0

GEOG348 Intl Perspectives on Tourism - Intl Perspectives on Tourism 3.0

GEOG349 Global Adventure Travel - Global Adventure Travel 3.0

Techniques courses:

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG217 Programming for Geographers I - Programming for Geographers 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG317 Programming for Geographers II - Analytical Cartography 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

General course:

GEOG493R Special Problems - Special Problems - *You may take once* 0.5-3.0v

Requirement 4 — Complete 1 of 2 Courses

GEOG487 Environment and Society - Environment and Society 3.0

GEOG489 Geog of Contemporary Issues - Geog of Contemporary Issues 3.0

Requirement 5 — Complete 3 hours

Experiential Learning:

GEOG399R Academic Internship - Academic Internship 0.5-6.0v

GEOG415R Field Methods - Field Methods 1.0-3.0v

GEOG495R Mentored Research - Mentored Research 1.0-3.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Geography (BS): Urban & Regional Planning Emphasis

Program Information

Minimum Credit Hours
50

Maximum Credit Hours
50

Major Academic Plan
MAPS - BS in Geography - Urban & Regional Planning 2026-2027.docx

Learning Outcomes

Title
Core Geographic Knowledge and Skills

Learning Outcome
Understand, explain and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication, particularly as it applies to the knowledge area and practice of urban planning.

Title
Understand Human Settlement as it relates to Urban Planning

Learning Outcome
Identify and describe the social, economic, legal, and environmental structure of urban and regional systems and how these play out spatially in the urban landscape.

Title
Understand Historical and Contemporary Planning Practice

Learning Outcome
Evaluate new and historic projects to identify patterns of failure and strategies for success.

Title
Possess the Skills Needed to Practice Planning

Learning Outcome
Develop coherent solutions to urban and other land management issues, that respect the diverse (and sometimes conflicting) needs of planners, engineers, architects, land developers, elected officials, and citizens including using the methods of of plan creation, plan adoption, and plan implementation to bring about the greatest public good while mitigating foreseeable negative impacts.

Title
Plan Development

Learning Outcome
Create plans, maps, ordinances, and reports to communicate effectively with citizens and officials concerning planning issues and solutions. In three of the planning courses (GEOG210,410,510), students create plans, elements, or ordinances that have real-world application.

Program Requirements

Requirement 1 — Complete 20 hours

Geography core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 —Complete 1 of 2 Courses

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

Requirement 2 — Complete 3 hours

Regional courses:

GEOG245 Geography of Utah - Geography of Utah 3.0

GEOG250 US and Canada - US and Canada 3.0

GEOG255 Middle & South America - Middle & South America 3.0

GEOG260 Europe - Europe 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Requirement 3 — Complete 1 of 2 Courses

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

Requirement 4 — Complete 21 hours

Urban planning core courses:

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG421 Urban Planning Law - Urban Planning Law 3.0

GEOG422 Urban Design - Urban Design 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 4.0

Requirement 5 —Complete 3 hours

Experiential Learning

GEOG399R Academic Internship - Academic Internship 0.5-6.0v

GEOG415R Field Methods - Field Methods 1.0-3.0v

GEOG495R Mentored Research - Mentored Research 1.0-3.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 6 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Geography (BS): Geospatial Intelligence Emphasis

Program Information

Minimum Credit Hours
50

Maximum Credit Hours
50

Major Academic Plan
MAPS - BS in Geography - Geospatial Intelligence 2026-2027.docx

Learning Outcomes

Title
Core Geographic Knowledge and Skills

Learning Outcome
Understand, explain and apply the NGS-related foundational concepts of Human Societies and Spatiality, Physical Environments, Human-Environmental Interaction, Regional Geography, Critical Spatial Thinking, and Effective Communication.

Title
Intelligence and the Intelligence Community

Learning Outcome
Understand the fundamental principles of geospatial intelligence and its role in the intelligence community, including government and private environments. Contributing courses include Geography 441 and 442

Title
Geography and Security

Learning Outcome
Analyze security and intelligence problems using a geographic perspective, relating human actions to cultural, political, economic, social,and physical landscapes.

Title
Case Study Analysis

Learning Outcome
Analyze social science data (case histories) using structured analytical methods specific to intelligence analysis as practiced in the United States.

Title
Collaboration and Problem Solving

Learning Outcome
Work and communicate with diverse teams and decision makers using skills in collaboration, speaking, writing, and mapping.

Program Requirements

Requirement 1 — Complete 20 hours

Core courses:

GEOG100 The Geographic Approach - The Geographic Approach 2.0

GEOG101 Global Environment - Global Environment 3.0

GEOG110 Landscapes of Disaster - Landscapes of Disaster 3.0

GEOG120 Geography & World Affairs - Geography & World Affairs 3.0

GEOG130 Intro to Human Geography - Intro to Human Geography 3.0

GEOG211 Mapping Your World - Mapping Your World 3.0

GEOG222 Statistics for Geographers 1 - Statistics for Geographers 1 3.0

Requirement 2 — Complete 12 hours

GEOG212 Intro to GIS - Intro to GIS 3.0

GEOG304 Climate & Society - Climate & Society 3.0

GEOG313 Remote Sensing 1 - Remote Sensing 1 3.0

GEOG322 Statistics for Geographers 2 - Statistics for Geographers 2 3.0

Requirement 3 — Complete 3 hours

GEOG331 Economic Geography - Economic Geography 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG442 Sem in Geospatial Intellig 2 - Sem in Geospatial Intellig 2 3.0

GEOG487 Environment and Society - Environment and Society 3.0

GEOG489 Geog of Contemporary Issues - Geog of Contemporary Issues 3.0

Requirement 4 —Complete 3 hours

GIS courses:

GEOG217 Programming for Geographers I - Programming for Geographers I 3.0

GEOG311 Intermediate GIS - Intermediate GIS 3.0

GEOG312 Cartographic Desgn - Cartographic Desgn 4.0

GEOG317 Programming for Geographers II - Programming for Geographers II 3.0

GEOG412 Advanced GIS - Advanced GIS 3.0

GEOG413 Remote Sensing 2 - Remote Sensing 2 3.0

Requirement 5 —Complete 2 of 7 Courses

Regional geography courses:

GEOG255 Middle & South America - Middle & South America 3.0

GEOG265 Russia & Former Soviet Union - Russia & Former Soviet Union 3.0

GEOG271 Middle East - Middle East 3.0

GEOG272 East Asia - East Asia 3.0

GEOG273 Southeast Asia - Southeast Asia 3.0

GEOG280 The Pacific Islands - The Pacific Islands 3.0

GEOG285 Africa South of the Sahara - Africa South of the Sahara 3.0

Note: Geog 271 is highly recommended.

Requirement 6 —Complete 3 hours

GEOG441 Sem in Geospatial Intellig 1 - Sem in Geospatial Intellig 1 3.0

Requirement 7 — Complete 3 hours

Experiential Learning. Complete 3 hours from the following.

GEOG399R Academic Internship - Academic Internship 0.5-6.0v

GEOG415R Field Methods - Field Methods 1.0-3.0v

GEOG495R Mentored Research - Mentored Research 1.0-3.0v

Note: A Geography course taken during a study abroad may be counted for this requirement with department approval. Double counting with other requirements is not allowed.

Requirement 8 — Obtain confirmation from your advisement center that you have completed the following:

Complete the exit assessment during the final semester, no later than one month before graduation.

Gerontology (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
19.5

Learning Outcomes

Title
Professionalist

Learning Outcome
Interact professionally with adults aged 50 years and older.

Title
Aging

Learning Outcome
Explain the physical and social changes experienced by individuals as they age in the later years.

Title
Application of Gerontology Principles

Learning Outcome
Apply knowledge from courses taken and fieldwork experience in the gerontology minor, as they interact with and serve older adults.

Title
Promoting Healthy Behaviors

Learning Outcome
Effectively apply health promoting activities and behaviors among older adults to improve overall quality of life and well-being.

Program Requirements

Requirement 1 — Complete 1 of 3 Options

Complete an internship or research experience that is primarily focused on older adults. Students should enroll in an internship or research course provided by their major department. Students must email the course number and experience description to the Gerontology Program in order to request approval of their internship or research experience for Gerontology Minor credit. If approved, the Gerontology Program will substitute the student?s internship or research course for GERO 399R or GERO 403R. If an internship course is not available through the student's major department, they may sign up for GERO 399R.

Option 1.1 — Complete 3 hours

GERO 403R - GERO Research - *You may take up to 3.0 credit hours - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 1.0v

Option 1.2 — Complete 2 Courses

NURS491 Leadership & Health Policy - Nursing Capstone 2.0

NURS492 Cl Prac Capstone Nurs - Cl Prac Capstone Nurs 5.0

Option 1.3 — Complete 3 hours

Note: Internships other than those listed below can be approved by the Academic Advisor (major specific).

EXSC399R HWSG Internship - HWSG Internship - *You may take up to 3.0 credit hours* 1.0v

GERO399R Gerontology Internship - GERO Internship - *You may take up to 3.0 credit hours* 0.5v

STDEV399R Health Professions Internship - Health Professions Internship - *You may take up to 3.0 credit hours* 0.5v

Requirement 2 — Complete 6 hours

Complete 6 hours from the following core courses:

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

COMD420 Neurofndtns Lang,Spch,Hearing - Neurofndtns Lang,Spch,Hearing 3.0

EXSC387 Chronic Disease Prevention - Chronic Disease Prevention 3.0

EXSC460 Ortho Impairments & Ther Exer - Ortho Impairments & Ther Exer 3.0

HLTH466 Hlth & the Aging Process - Hlth & the Aging Process 3.0

NEURO205 Neurobiology - Neurobiology 3.0

NEURO460 Behavioral Neuroscience - Behavioral Neuroscience 3.0

NURS291 Nurs Care of the Older Adult - Nurs Care of the Older Adult 2.0

NURS292 Cl Prac Nurs Fundamentals - Cl Prac Nurs Fundamentals 1.5

NURS 293 - Communication for Nurs 0.5 - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.*

NURS333 End-of-Life Care - End-of-Life Care 3.0

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SOC333 End-of-Life Care - End-of-Life Care 3.0

SOC365 Sociology of Aging - Sociology of Aging 3.0

Requirement 3 — Complete 6 hours

Core classes can be substituted for elective credit.

CELL205 Human Biology - Human Biology 3.0

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

CELL365 Pathophysiology - Pathophysiology 4.0

CELL561 Physiology of Drug Mechanisms - Physiology of Drug Mechanisms 3.0

CELL565 Endocrinology - Endocrinology 3.0

CELL575 Physiology of Aging - Physiology of Aging 3.0

COMD370 Medical Speech Pathology - Medical Speech Pathology 3.0

EXSC221 Science of Wellness - Science of Wellness 3.0

EXSC470 Functional Neuroanatomy - Functional Neuroanatomy 3.0

FIN200 Personal Finance - Personal Finance 3.0

FIN418 Financial Planning - Financial Planning 3.0

HLTH314 Hlth, Disease & Determinants 1 - Hlth, Disease & Determinants 1 3.0

HLTH320 Adv First Aid & Safety - Adv First Aid & Safety 3.0

HLTH345 Principles of Epidemiology - Principles of Epidemiology 3.0

HLTH425 Vulnerable & Diverse Poplns - Vulnerable & Diverse Poplns 3.0

HLTH450 Women's Health - Women's Health 3.0

MMBIO261 Infection & Immunity - Infection & Immunity 3.0

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

NDFS201 Society Nutr Chronic Disease - Society Nutr Chronic Disease 3.0

NDFS424 Nutrition Through Life Cycle - Nutrition Through Life Cycle 2.0

PSYCH342 Psychopathology - Psychopathology 3.0

PSYCH375 Cognition - Cognition 3.0

SFL210 Human Development - Human Development 3.0

SFL260 Family Finance - Family Finance 3.0

SFL306 Death and Dying - Death and Dying 3.0

General Studies (BGS): Family Life Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - Family Life 2026-2027.docx

Learning Outcomes

Title
Aims of a BYU Education

Learning Outcome
Describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening, Character building, Intellectually enlarging, Preparing for lifelong learning and service.

Title
Marriage, Family, and Human Development Knowledge

Learning Outcome
Describe major theories and research findings related to marriage family living & human development.

Title
Effective Writing and Critical Thinking

Learning Outcome
Write professional research papers in the discipline that demonstrate an ability to synthesize and critically evaluate research related to specific theories and/or substantive areas.

Program Requirements

Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 4 Courses

Core courses:

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

Requirement 3 —Complete 3 hours

Any courses not taken in requirement 4 below may be used toward fulfilling this three-hour elective requirement.

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL224 Marriage Enhancement - Marriage Enhancement 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL359 Child Life - Child Life 3.0

Requirement 4 —Complete 15 hours

BYU 300- or 400-level campus courses in the School of Family Life (including Salt Lake Center classes) may also be used to fill this requirement. Note: Only 3 credit hours of 399R may count toward the BGS degree requirements in Family Life. Additional 399R credits may be used as general electives for the upper division hour requirement and for total university hours.

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL351 Social Development - Social Development 3.0

ECE355 Language Development - Language Development 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

Requirement 5 —Complete 1 Course

Complete a capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Family History - Genealogy (Minor)

Program Information

Minimum Credit Hours
17

Maximum Credit Hours
17

Program Requirements

Requirement 1 — Complete 3 Courses

Note: Minors should consult with the family history coordinator soon after declaring. Note: Hist 205 may be used as partial fulfillment of the University Core Religion requirement.

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

Requirement 2 — Complete 1 of 4 Courses

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

Requirement 3 — Complete 1 of 12 Courses

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

HIST298 Digital History - Digital History 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Russian Language Paleography 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST431 Public History - Public History 3.0

Requirement 4 — Complete 3 hours

(Note: Courses used for Requirements 2 and 3 will not double count) (Note: Students may complete 3 credit hours of Hist 206R: Regional and Thematic Studies in Family History/Genealogy to fill this requirement.)

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take up to 3.0 credit hours* 1.0

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - East European Family History 3.0

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

HIST298 Digital History - Digital History 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Russian Language Paleography 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST431 Public History - Public History 3.0

HIST496R Acad Internship: Family Hist - Acad Internship: Family Hist - *You may take up to 3.0 credit hours* 1.0v

History (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

The History Department requires a minimum of 9 hours of history credit to be taken in residency at BYU's Provo campus for this minor program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 2 of 4 Courses

Core courses. NOTE: Minors must complete two core courses in history at the college level. University Core Civilization courses (201/202) offered by other departments are not equivalent. Advanced Placement U.S. history courses are not equivalent.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

Requirement 2 — Complete 12 hours

Elective courses:

HIST190 Thetean Production - Thetean Production 2.0

HIST200 Historian's Craft - Historian's Caft 3.0

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci 4.0

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - East European Family History 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST299R Academic Internship - Academic Internship - *You may take once* 0.5v

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST304 European Expansion - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST316 Mod. American Warfare Studies - Mod. American Warfare Studies 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Slavic Languages Paleography 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 2.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

HIST420 Latin Paleography - Latin Paleography 3.0

HIST430R Topics: Ancient Roman History - Topics: Ancient Roman History - *You may take once* 3.0

HIST430R Topics: Greek & Roman History - Topics: Greek & Roman History - *You may take once* 3.0

HIST431 Public History - Public History 3.0

HIST439 Sem Prof Family Hist Rsrch - Sem Prof Family Hist Rsrch 3.0

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST 1.0v

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

HIST479R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

HIST481R Family History Directed Rsrch - Family History Directed Rsrch - *You may take once* 0.5v

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *You may take once* 12.0

HIST496R Acad Internship: Family Hist - Acad Internship: Family Hist - *You may take once* 1.0v

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

History Teaching (Minor)

Program Information

Minimum Credit Hours
29

Maximum Credit Hours
29

Learning Outcomes

Title
Subject Matter

Learning Outcome
Candidates can identify the core concepts and standards associated with the social science curricula taught in secondary history classrooms and can create learning experiences that make these concepts meaningful for students.

Title
Learner and Learning

Learning Outcome
Candidates can articulate how young people learn and develop acknowledging individual and cultural differences in order to create environments that motivate collaborative learning.

Title
Instructional Strategies

Learning Outcome
Candidates use a variety of instructional strategies to encourage students' development of critical thinking problem solving and performance skills and use assessments to inform instruction.

Title
Professional Development

Learning Outcome
Candidates continually reflect on and evaluate their teaching practices actively seek opportunities to grow professionally engage in ethical behavior and collaborate with stakeholders (students parents and other professionals in the learning community).

Title
Utah Effective Teaching Standards

Learning Outcome
Demonstrate basic competency in the Utah Effective Teaching Standards as established by Utah Teacher Education Assessment and Accreditation Council and the Utah State Board of Education

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

The History Department requires a minimum of 6 hours of history credit to be taken in residency at BYU's Provo campus for this minor program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 5 Courses

Core courses. NOTE: Minors must complete all core courses in history at the college level. University Core Civilization courses (201/202) offered by other departments are not equivalent. Advanced Placement U.S. history courses are not equivalent. Hist 220 and 221 must be completed as college/university courses and cannot be fulfilled with AP or other test scores.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST364 Utah - Utah 3.0

Requirement 2 — Complete 1 Course

HIST200 Historian's Craft - Historian's Caft 3.0

Requirement 3 — Complete 3 hours

NOTE: University Core Civilization courses (201/202) offered by other departments can substitute for their History equivalents (HIST 201 and/or HIST 202). A score of a 4 or higher on the AP United States History Exam can substitute for either HIST 220 or HIST 221. A score of 4 or higher on the AP World History Modern Exam can substitute for HIST 202. For each course in Requirement 3 substituted by either AP exam credit or other department Civilization credit, History Teaching Majors are required to take an additional 3.0 credit course from the list in Requirement 7.

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

Requirement 4 — Complete 2 Courses

NOTE: HIST 201, 202, 220, and 221 must be completed before registering for HIST 477 and HIST 478. HIST 477 and 478 must be taken concurrently.

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

Requirement 5— Complete 1 Course

HIST479R Sec Minor Student Teaching - Sec Minor Student Teaching - *You may take once* 4.0

Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 479R.

History (BA)

Program Information

Minimum Credit Hours
42

Maximum Credit Hours
42

Major Academic Plan
MAPS - BA in History 2026-2027.docx

Learning Outcomes

Title
Historical Knowledge

Learning Outcome
Understand how past societies deveoloped, changed, and navigated conflict and cooperation while also recognizing how the presence or absence of applied principles of the restored Gospel are reflected in history.

Title
Historical Analysis

Learning Outcome
Analyze past events, people, and societies with nuance, recognizing context, change, continuity, and complexity. This allows for the translation of historical understanding into action that strengthens family, community, and society, reflecting BYU's mission of generous service.

Title
Effective Historical Research

Learning Outcome
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources along with the ability to evaluate multiple perspectives, question assumptions, and construct reasoned interpretations based on evidence.

Title
Data Integration and Effective Communication

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

Program Requirements

The History Department requires a minimum of 24 hours of history credit to be taken in residence at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 — Complete 1 Course

NOTE: For majors, Hist 200 should be completed prior to elective courses. It must be completed no later than the sophomore year or in the first semester/term after the major is declared. Hist 200 and 490 combined satisfy the University Core Advanced Written and Oral Communications requirement.

HIST200 Historian's Craft - Historian's Craft 3.0

Requirement 2 — Complete 4 Courses

NOTE:University Core Civilization courses (201/202) offered by other departments can substitute for their History equivalents (HIST 201 and/or HIST 202). A score of a 4 or higher on the AP United States History Exam can substitute for either HIST 220 or HIST 221. A score of 4 or higher on the AP World History Modern Exam can substitute for HIST 202. For each course in Requirement 3 substituted by either AP exam credit or other department Civilization credit, History Majors are required to take an additional 3.0 credit course from the list in Requirement 3.

NOTE: Students are strongly encouraged to take a freshman college-level writing course (WRTG 150), regardless of their AP test scores.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

Requirement 3 — Complete 21 hours

Complete seven electives (21 total hours) from the approved list. Seek faculty advice in choosing electives. Complete three electives (9 hours) by taking at least one course in three of the following options. Majors are urged to focus their remaining four electives on a single theme, region, or period. NOTE: No more than 6 combined hours of 299R, 390R, 495R, and 498R will count toward elective credit. NOTE: Depending on topic, History 288 and 390R may satisfy one of the regional option requirements or elective credit more generally.

Option 3.1 — Complete up to 15 hours

AFRICA

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

Option 3.2 — Complete up to 15 hours

ASIA

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

Option 3.3 — Complete up to 15 hours

Europe

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST430R Topics: Greek & Roman History - Topics: Greek & Roman History - *You may take once* 3.0

Option 3.4 — Complete up to 15 hours

Latin America

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

Option 3.5 — Complete up to 15 hours

Middle East

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

Option 3.6 — Complete up to 15 hours

United States

HIST289R Citizen Nation - Citizen Nation 3.0

HIST316 Mod. American Warfare Studies - Mod. American Warfare Studies 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST372 US Presidency - US Presidency 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST394 Scripture in American History - Scripture in American History 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

Option 3.7 — Complete up to 15 hours *World and Thematic Courses*

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST288R Women in a Changing World - Women in a Changing World 0.5v

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST298 Digital History - Digital History 3.0

HIST310 The Automotive Age - The Automotive Age 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

Requirement 4 — Complete 1 Course

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

FHSS399R Civic Engagement Internship - Civic Engagement Internship - *You may take once* 1.0v

HIST190 Thetean Production - Thetean Production 2.0

HIST299R Academic Internship - Academic Internship - *You may take once* 0.5v

A Kennedy Center-managed study abroad program 3.0+

Requirement 5 — Complete 1 Course

Capstone course:

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

Recommended Courses are not required to complete the program

Hist 205 is suggested as a religion elective.

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

History Teaching (BA)

Program Information

Minimum Credit Hours
70

Maximum Credit Hours
68

Major Academic Plan
MAPS - BA in History Teaching 2026-2027.docx

Learning Outcomes

Title
Subject Matter

Learning Outcome
Candidates can identify the core concepts, tools of inquiry, and standards associated with the history curricula taught in secondary classrooms and can create learning experiences that make these concepts meaningful for students.

Title
Learner and Learning

Learning Outcome
Candidates can describe how young people learn and develop, acknowledging individual and cultural differences, in order to create environments that motivate collaborative learning.

Title
Instructional Strategies

Learning Outcome
Candidates use a variety of instructional strategies to encourage students' development of critical thinking, problem solving, and performance skills, and use assessments to inform instruction.

Title
Professional Development

Learning Outcome
Candidates continually reflect on and evaluate their teaching practices, actively seek opportunities to grow professionally, engage in ethical behavior, and collaborate with stakeholders (students, parents, and other professionals in the learning community).

Title
Utah Effective Teaching Standards

Learning Outcome
Demonstrate basic competency in the Utah Effective Teaching Standards as established by Utah Teacher Education Assessment and Accreditation Council and the Utah State Board of Education

Program Requirements

Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

This major is designed to prepare students to teach in public schools. In order to graduate with this major, students are required to complete Utah State Office of Education licensing requirements. To view these requirements go to https://www.schools.utah.gov/curr/licensing or contact the Education Advisement Center, 350 MCKB, 801-422-3426.

The History Department requires a minimum of 18 hours of history credit to be taken in residency at BYU's Provo campus for this degree program. BYU Independent Study courses do not count toward residency. These hours may also go toward BYU's 30-hour residency requirement for graduation.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Requirement 1 — Complete 1 Course

Complete the following course in fulfillment of the University Core First-Year Writing requirement.

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Requirement 2 — Complete 1 Course

NOTE: For majors, Hist 200 should be taken prior to elective courses. It must be completed no later than the sophomore year or in the first semester/term after the major is declared. Hist 200 and 490 combined satisfy the University Core Advanced Written and Oral Communications requirement.

HIST200 Historian's Craft - Historian's Craft 3.0

Requirement 3 — Complete 4 Course

NOTE: University Core Civilization courses (201/202) offered by other departments can substitute for their History equivalents (HIST 201 and/or HIST 202). A score of a 4 or higher on the AP United States History Exam can substitute for either HIST 220 or HIST 221. A score of 4 or higher on the AP World History Modern Exam can substitute for HIST 202. For each course in Requirement 3 substituted by either AP exam credit or other department Civilization credit, History Teaching Majors are required to take an additional 3.0 credit course from the list in Requirement 7.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

Requirement 4 — Complete 1 Courses

Students are encouraged to take HIST 201, HIST 202, HIST 220, HIST 221 prior to enrollment in HIST 276. Note: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276.

HIST276 Exploration of Tchg-Soc Sci - Exploration of Tchg-Soc Sci - *You may take up to 4.0 credit hours* 4.0

Requirement 5 — Complete 1 Course

HIST364 Utah - Utah 3.0

Requirement 6 — Complete 1 of 2 Courses

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST399 Democratic Class Design - Democratic Class Design 3.0

Requirement 7 — Complete 12 hours

Students must not present all their preparation in a single region. Complete no more than 2 electives (6.0 credit hours) in any of the following regional or thematic options. NOTE: No more than 6 combined hours of 299R, 495R, and 498R will count toward elective credit. HIST 397 and HIST 399 CANNOT double-count toward requirements 6 and 7.1.

Option 7.1 — Complete 9 hours

Option 7.1.1 — Complete up to 6 hours

AFRICA

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST339 African Social Change - African Social Change 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

Option 7.1.2 — Complete up to 6 hours

ASIA

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

Option 7.1.3 — Complete up to 6 hours

EUROPE

HIST247 Greek History - Greek History 3.0

HIST248 Roman History - Roman History 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST304 European Expansion - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - Nineteenth-Century Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - History of the Mediterranean Sea 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST324 France - France 3.0

HIST325 Spain - Spain 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

Option 7.1.4 — Complete up to 6 hours

LATIN AMERICA

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST329 Urban History Brazil - Urban History Brazil 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

Option 7.1.5 — Complete up to 6 hours

MIDDLE EAST

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST242R Arab & Islamic Civilization - Arab & Islamic Civilization - *You may take once* 1.0v

HIST243R Jewish Civilization - Jewish Civilization - *You may take once* 1.0v

HIST333 Hist Ottoman Empire - Hist Ottoman Empire 3.0

HIST334 History of Ancient Iraq - History of Ancient Iraq 3.0

HIST335 Crusades - Crusades 3.0

Option 7.1.6 — Complete up to 6 hours

UNITED STATES

HIST316 Mod. American Warfare Studies - Mod. American Warfare Studies 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST365 American South - American South 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST375 J Smith in Mormon History - J Smith in Mormon History 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-American Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST397 US Historical Literacies - US Historical Literacies 3.0

HIST398 American Capitalism - American Capitalism 3.0

Option 7.1.7 — Complete up to 6 hours

WORLD AND THEMATIC COURSES

HIST190 Thetean Production - Thetean Production 2.0

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST298 Digital History - Digital History 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST369 History of Travel & Tourism - History of Travel & Tourism 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

Option 7.2 — Complete 3 hours

History of traditionally underrepresented communities. Complete 1 course (3.0 hours) from the following list. Courses not on this list have History Teaching Program pre-approval. NOTE: Courses cannot double-count to fulfill requirements 7.1 and 7.2. NOTE: Content of 485, 495R, and 496R must reflect history of traditionally underrepresented communities.

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST295 Latin Am Age of Revolution - Latin Am Age of Revolution 3.0

HIST315 Jews & Holocaust- Jews & Holocaust 3.0

HIST318 European Women's History - European Women's History 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern South East Asia 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1830 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1830-present 3.0

HIST485 Topical Readings Seminar - Topical Readings Seminar 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

Requirement 8 — Complete 1 Course

Capstone course:

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

A teaching minor is strongly recommended.

Requirement 9 — Complete 2 Requirements

Contact the Education Advisement Center, 350 MCKB, 801- 422-3426, to schedule the final interview to clear the licensing component of your secondary teaching major. You should be registered for your last semester at BYU prior to the scheduled appointment.

NOTE: FBI fingerprint and background clearance MUST be completed PRIOR to enrolling in HIST 276R, HIST 478, HIST 476R, and HIST 496R.

NOTE: Admittance to the major is required BEFORE enrolling in HIST 477 and 478. HIST 477 and 478 must be taken concurrently.

Requirement 9.1 — Complete 6 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

HIST395 Teach Tech Soc Studies - Teach Tech Soc Studies 2.0

HIST477 Hist & Soc Sci Tchng Methods - Hist & Soc Sci Tchng Methods 3.0

HIST478 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

SC ED375 Ad Dev & Class Mgmt - Ad Dev & Class Mgmt 3.0

Requirement 9.2 — Complete 12 hours

HIST476 Student Teaching - HT and SST - Student Teaching - HT and SST - *Must be taken for 12.0 credit hours* 1.0v

HIST496R Acad Internship--HT and SST - Acad Internship--HT and SST - *Must be taken for 12.0 credit hours* 12.0

Note: it is the student's responsibility to be sure that the Praxis test has been taken and that BYU has received the test scores, that their fingerprint background clearance is current, and that state licensing fees have been paid prior to graduation. Students are strongly discouraged from working another job during the time of their student teaching/internship. In addition, students must pass the PPAT assessment to graduate and receive a teaching license. Students will also be responsible for any additional requirements imposed by the state prior to their graduation. To confirm the status of these requirements contact the Education Advisement Center, 350 MCKB, 801-422-3426. Graduation and Utah licensure cannot be processed until these requirements have been completed.

Family History - Genealogy (BA)

Program Information

Minimum Credit Hours
51.5

Maximum Credit Hours
54

Major Academic Plan
MAPS - BA in Family History - Genealogy 2026-2027.docx

Learning Outcomes

Title
Effective Genealogical Research and Analysis

Learning Outcome
Inspired by Restoration truths about the great worth of souls, students will demonstrate respect for the divinity and humanity of each person they study. Students will also develop their character and spiritual fortitude as they carefully consider how living people will be affected by their work. Using primary and secondary sources, students will incorporate genealogical and historical knowledge in the following ways: analyzing genealogical questions and issues clearly, assessing genealogical information accurately, distinguishing different levels of evidence, and distinguishing between questionable and valid genealogical and historical assertions.

Title
Historical Knowledge and Analysis

Learning Outcome
Demonstrate historical consciousness by applying knowledge of major developments in human history and by understanding key historical terms, theories, and interpretive frameworks. Students analyze historical questions, assess historical information accurately. Students will situate family history within broader historical context thus fostering empathy, perspective, and spiritual insights.

Title
Data Integration and Effective Communication

Learning Outcome
Skillfully integrate diverse forms of data into coherent written arguments presented in clear, precise written and oral communication. Students will share knowledge responsibly in professional, community, academic, and church settings, supporting lifelong learning and service beyond the university.

Program Requirements

Requirement 1 — Complete 1 Course

Complete the following in fulfillment of the University Core First-Year Writing requirement. Note: Waivers based on Advanced Placement (AP) or other test scores do not apply to this requirement. Students with AP credit for Engl 115 should take Wrtg 150.

WRTG150 Writing & Rhetoric - Writing & Rhetoric 3.0

Requirement 2 — Complete 2 Courses

Note: A score of 4 or higher on the AP World History Modern Exam can substitute for HIST 202. If Hist 202 is substituted by AP exam credit, Family History Majors are required to take an additional 3.0 credit course from the list in Requirement 10 or 11.

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

Requirement 3 — Complete 2 Courses

Complete the following (Hist 205 may be used as partial fulfillment of the University Core Religion requirement):

HIST205 Intro Fam Hist Doctr Prac - Intro Fam Hist Doctr Prac 2.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist- *You may take once* 1.0

Requirement 4 — Complete 1 Course

Note 1: Hist 217 should be completed no later than the sophomore year or in the first semester/term after the major is declared. Majors should consult with the family history coordinator soon after declaring.

Note 2: Students must complete Hist 217 with a grade of C or higher in order to satisfy this requirement.

Note 3: Hist 217 is a pre-requisite for Hist 218, Hist 280-Hist 287, Hist 296, Hist 381, Hist 388, and Hist 439

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

Requirement 5 — Complete 3 Courses

Note: A score of a 4 or higher on the AP United States History Exam can substitute for HIST 220. If Hist 220 is substituted by AP exam credit, Family History Majors are required to take an additional 3.0 credit course from the list in Requirement 10 or 11.

HIST200 Historian's Craft - Historian's Craft 3.0

HIST218 Fam & Law in Amer Hist - Fam & Law in Amer Hist 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

Requirement 6 — Complete 1 of 4 Courses

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

Courses cannot double count in requirements 6, 7, and 8.

Requirement 7 — Complete 1 of 9 Courses

Research courses:

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - East European Family History 3.0

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

Note: Courses cannot double count between Requirements 7 and 8.

Requirement 8 — Complete 2 of 14 Courses

Research and Skills courses:

HIST280 N US Family History Research - N US Family History Research 3.0

HIST281 S US Family History Research - S US Family History Research 3.0

HIST282 Colonial US Fam Hist Research - Colonial US Fam Hist Research 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST284 German Family History - German Family History 3.0

HIST285 Scandinavian Family History - Scandinavian Family History 3.0

HIST286 S Europ/Latin Amer Family Hist - S Europ/Latin Amer Family Hist 3.0

HIST287 East European Family History - East European Family History 3.0

HIST296 African Amer Fam Hist Research - African Amer Fam Hist Research 3.0

HIST298 Digital History - Digital History 3.0

HIST381 Computers in Hist Rsrch & Publ - Computers in Hist Rsrch & Publ 3.0

HIST388 Genetic Genealogy - Genetic Genealogy 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

Note: Courses cannot double count between Requirements 7 and 8. Additionally, Hist 298, 396, and 431 cannot double count in requirements 8 and 10.

Requirement 9 — Complete 1 of 5 Courses

HIST350 English Language Paleography - English Language Paleography 3.0

HIST351 German Language Paleography - German Language Paleography 3.0

HIST352 Scand Languages Paleography - Scand Languages Paleography 3.0

HIST353 Romance Languages Paleography - Romance Languages Paleography 3.0

HIST354 Russian Language Paleography - Russian Language Paleography 3.0

Requirement 10 — Complete 2 of 92 Courses

Note 1: Seek faculty advice in choosing electives.

Note 2: A 3-credit version of Hist 495R (Directed Research) or Hist 498R (Directed Readings) may count for this requirement with approval of the Family History Program coordinator HIST 298, Hist 396, and HIST 431 cannot double count in requirements 8 and 10.

HIST231 Intro to East Asian History - Intro to East Asian History 3.0

HIST232 Intro to Hist of Christianity - Intro to Hist of Christianity 3.0

HIST238 Ancient Near East to 330 BC - Ancient Near East to 330 BC 3.0

HIST239 Ancient Near East 330BC-640AD - Ancient Near East 330BC-640AD 3.0

HIST240 M E Hist to 1800 - M E Hist to 1800 3.0

HIST241 M E Hist from 1800 - M E Hist from 1800 3.0

HIST244 Jewsh Hist 70AD-Pr - Jewsh Hist 70AD-Pr 3.0

HIST250 Europe 1500-Present - Europe 1500-Present 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST253 Rel. in Colonial Latin America - Rel. in Colonial Latin America 3.0

HIST260 Early Africa - Early Africa 3.0

HIST261 Modern Africa - Modern Africa 3.0

HIST290 Nature & History - Nature & History 3.0

HIST292 Food & History - Food & History 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST294 Age of French Revolution - Age of French Revolution 3.0

HIST298 Digital History - Digital History 3.0

HIST300 Early Middle Ages - Early Middle Ages 3.0

HIST301 Late Middle Ages - Late Middle Ages 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST304 European Expansion - European Expansion 3.0

HIST305 Age of Enlightnmnt - Age of Enlightnmnt 3.0

HIST306 19th Cent Europe - 19th Cent Europe 3.0

HIST307 Europe Since 1914 - Europe Since 1914 3.0

HIST308 The Mediterranean - The Mediterranean 3.0

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST311 History of Film, Radio, & TV - History of Film, Radio, & TV 3.0

HIST312 History of Ideas - History of Ideas 3.0

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

HIST314 Fascism & Nazism, 1914-present - Fascism & Nazism, 1914-present 3.0

HIST315 Jews & Holocaust - Jews & Holocaust 3.0

HIST317 Terrorism and Counterterrorism - Terrorism and Counterterrorism 3.0

HIST318 European Women's History - European Women's History 3.0

HIST319 Family in Europe - Family in Europe 3.0

HIST322 Pre-Modern Britain - Pre-Modern Britain 3.0

HIST323 Modern Britain - Modern Britain 3.0

HIST325 Spain - Spain 3.0

HIST326 History of Mexico - History of Mexico 3.0

HIST327 Modern Italy - Modern Italy 3.0

HIST328 Modern Germany - Modern Germany 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST332 Scandinavian Hist - Scandinavian Hist 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST337 Pre-modern Korea - Pre-modern Korea 3.0

HIST338 Modern Korea - Modern Korea 3.0

HIST339 African Social Change - African Social Change 3.0

HIST340 Traditional China - Traditional China 3.0

HIST341 China Since 1200 - China Since 1200 3.0

HIST342 The Mongol Empire - The Mongol Empire 3.0

HIST343 Early Japan - Early Japan 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST345 Islam in Africa - Islam in Africa 3.0

HIST347 Chinese Cultural History - Chinese Cultural History 3.0

HIST348 Modern Southeast Asia - Modern Southeast Asia 3.0

HIST349 Asian Religion & Thought - Asian Religion & Thought 3.0

HIST355 History of Argentina - History of Argentina 3.0

HIST356 Brazil - Brazil 3.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST358 Gender & History in Latin Amer - Gender & History in Latin Amer 3.0

HIST359 Inter-American Relations - Inter-American Relations 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST364 Utah - Utah 3.0

HIST366 Slavery in Africa & Atlantic - Slavery in Africa & Atlantic 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST368 Sport, Society, & Am Culture - Sport, Society, & Am Culture 3.0

HIST370 Early America - Early America 3.0

HIST371 Revolutionary Amer - Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST377 Growing Up in America - Growing Up in America 3.0

HIST378 History of American Families - History of American Families 3.0

HIST379 US Religious History to 1860 - US Religious History to 1860 3.0

HIST380 US Religious Hist Since 1860 - US Religious Hist Since 1860 3.0

HIST382 Mormonism Am Exper - Mormonism Am Exper 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST384 US Women's History - US Women's History 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST389 Mormonism Amg Chrstn Theol - Mormonism Amg Chrstn Theol 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HIST393 US Foreign Relations - US Foreign Relations 3.0

HIST396 Story of History: Wrtng Wkshp - Hist Narrative: Wrtg Wkshp 3.0

HIST431 Public History - Public History 3.0

HIST487 Philosophies Hist - Philosophies Hist 3.0

Requirement 11 — Complete 1 Course

HIST439 Sem Prof Family Hist Rsrch - Sem Prof Family Hist Rsrch 3.0

Requirement 12 — Complete 3 hours

HIST496R Acad Internship--HT and SST - Acad Internship: Family Hist - *You may take up to 6.0 credit hours* 1.0v

Requirement 13 — Complete 1 Course

HIST490 Capstone Research Seminar - Capstone Research Seminar 3.0

General Studies (BGS): History Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - History 2026-2027.docx

Learning Outcomes

Title
Aims of a BYU Education

Learning Outcome
Describe how coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening, Character building, Intellectually enlarging, Preparing for lifelong learning and service.

Title
American and World History

Learning Outcome
Gain a historical consciousness by demonstrating knowledge of major developments in American and world history and understand key historical terms and theories

Title
Historical Research Methods

Learning Outcome
Demonstrate basic proficiency in using the historical method of research

Title
Effective Writing

Learning Outcome
Write effectively about historical topics.

Program Requirements

Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Prerequisite course (must be completed before taking any other courses, includes preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 4 Courses

Core courses:

HIST201 World Civilization to 1500 - World Civilization to 1500 3.0

HIST202 World Civilization from 1500 - World Civilization from 1500 3.0

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

Requirement 3 —Complete 18 hours

HIST217 Family Historian's Craft - Family Historian's Craft 3.0

HIST251 Con & Col Lat Amer - Con & Col Lat Amer 3.0

HIST252 Modern Latin Amer - Modern Latin Amer 3.0

HIST283 British Fam Hist Research - British Fam Hist Research 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST302 Italian Renaissance - Italian Renaissance 3.0

HIST303 Reformation: Age of Turmoil - Reformation: Age of Turmoil 3.0

HIST330 Russian Empire Under Romanovs - Russian Empire Under Romanovs 3.0

HIST331 Soviet & Post-Soviet Russia - Soviet & Post-Soviet Russia 3.0

HIST344 Modern Japan - Modern Japan 3.0

HIST481R Family History Directed Rsrch - Family History Directed Rsrch - *You may take once* 0.5v

HIST496R Acad Internship: Family Hist - Acad Internship--Family, Local, and Social History - *You may take once* 12.0

Requirement 4 —Complete 1 Course

Complete a capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Note 1: Other BYU undergraduate courses (including Salt Lake Center classes) in history may also be used to fill emphasis electives.

American Indian Studies (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 2 Courses

Core courses:

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

Requirement 2 — Complete 1 Requirement

Electives:

Complete 12 hours from at least three disciplines:

Requirement 2.1 — Complete 12 hours

Note: FHSS 351 satisfies this elective requirement only if it focuses on Native American Civil Rights. Please consult with the program director for confirmation.

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

AM ST300 Lit & Cultures of Amer West - Lit & Cultures of Amer West 3.0

ANTHR 317 - Native Peoples of North Amer - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ANTHR350 Arch Cultures of N America - Arch Cultures of N America 3.0

ANTHR530 Great Basin Archaeology - Great Basin Archaeology 3.0

ANTHR535 Southwest Seminar - Southwest Seminar 3.0

ARTHC380 Northern Mesoamerican Art - Northern Mesoamerican Art 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

EL ED203 Fndtns of Multicultural Educ - Fndtns of Multicultural Educ 2.0

ENGL 358R - Native Amer Lit 1900-Present - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar

3.0

HAWAI100 Language Study: Hawaiian - Language Study: Hawaiian 2.0

HAWAI101 First-Year Hawaiian - First-Year Hawaiian 4.0

HAWAI102 First-Year Hawaiian - First-Year Hawaiian 4.0

HAWAI201 Second-Year Hawaiian - Second-Year Hawaiian 4.0

HAWAI202 Second-Year Hawaiian - Second-Year Hawaiian 4.0

HIST206R Regional and Thematic Fam Hist - Regional and Thematic Fam Hist - *You may take once* 1.0

HIST357 Indian in Latin Am - Indian in Latin Am 3.0

HIST360 American West to 1900 - American West to 1900 3.0

HIST361 American West Since 1900 - American West Since 1900 3.0

HIST363 Spanish Frontier in North Amer - Spanish Frontier in North Amer 3.0

HIST 405 - Native Amer Family History - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

HIST495R Directed Research - Directed Research - *You may take once* 3.0

HIST498R Directed Readings - Directed Readings - *You may take once* 0.5v

HUM 425R - Area Studies - *You may take once - This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

NAVAJ100 Language Study: Navajo - Language Study: Navajo 2.0

NAVAJ101 First-Year Navajo - First-Year Navajo 4.0

NAVAJ102 First-Year Navajo - First-Year Navajo 4.0

NAVAJ102 First-Year Navajo - First-Year Navajo 4.0

NAVAJ201 Second-Year Navajo - Second-Year Navajo 4.0

NAVAJ202 Second-Year Navajo - Second-Year Navajo 4.0

PWS101 Cult Hist of Medicinal Plants - Cult Hist of Medicinal Plants 3.0

SOC113 Multicultural America - Multicultural America 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

Please note:

-- Engl 358R and Hist 206R must be in a Native American topic.

-- Hist 495R, 498R, and Soc 390R require approval by IAS coordinator.

Family & Consumer Sciences Education (BS)

Program Information

Minimum Credit Hours
70

Maximum Credit Hours
70

Major Academic Plan
MAPS - BS in Family & Consumer Sciences Education 2026-2027.docx

Learning Outcomes

Title
Instructional Design and Reflection

Learning Outcome
Identify and use a variety of instructional strategies and tools of inquiry in Family and Consumer Sciences to create learning experiences that encourage students' development of critical thinking, problem solving, and performance skills.

Title
General Teacher Preparation Competency

Learning Outcome
Demonstrate mastery of Utah General Teacher Preparation Competencies through the BYU Teacher Candidate Assessment (TCA), while integrating characteristics of Christlike teaching.

Title
Family and Consumer Sciences Content

Learning Outcome
Demonstrate an understanding of the core concepts and principles associated with the Family and Consumer Sciences curricula taught in secondary classrooms (related to child development, family studies, foods and nutrition, clothing, home management, and interior design).

Program Requirements
Licensure: This program meets the educational requirements designed to lead to an occupationally required professional license or certificate in the state of Utah. Students pursuing occupations requiring a license or certificate in a state other than Utah should contact the appropriate BYU academic advisement center as well as the licensing agency in the state where they intend to work to seek information and guidance regarding licensure and certification requirements.

At least 18 hours of major credit must be taken in residency at BYU.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog.

Students must request to be added to the pre-teaching major initially. Upon completing some basic requirements, they will be eligible to apply for the teaching major.

Students must complete SFL 276R prior to applying for the teaching major.

Requirement 1 —Complete 1 Course

Complete the following human development course:

SFL210 Human Development - Human Development 3.0

Requirement 2 —Complete 2 Courses

Complete the following early childhood learning experiences practice with lab concurrently:

SFL221 Foundations of DAP - Foundations of DAP 1.0

SFL222 DAP Practicum - DAP Practicum 3.0

Requirement 3 —Complete 1 Course

Complete the following consumer and the market, family finance, family resource management courses:

SFL260 Family Finance - Family Finance 3.0

Requirement 4 —Complete 1 Course

Complete the following nutrition through the life cycle course:

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

Requirement 5 —Complete 2 Courses

Complete the following food preparation and meal management courses:

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

Requirement 6 —Complete 2 Courses

Complete the following food science with lab courses:

NDFS175 Intro Food Science - Intro Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

Requirement 7 —Complete 1 Course

Complete the following introduction to housing and interior design course:

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

Requirement 8 —Complete 1 Course

Complete the following textiles course:

SFL382 Textiles - Textiles 3.0

Requirement 9 —Complete 1 Course

Complete the following residential technology or housing: societal/environmental issues course:

SFL202 Design in the Home - Design in the Home 3.0

Requirement 10 —Complete 1 Course

Complete the following basic clothing construction course:

SFL185R Basic Sewing Techniques - Basic Sewing Techniques - *You may take once* 3.0

Requirement 11 —Complete 1 Course

Complete the following intermediate clothing construction and alterations course:

SFL287 Intermed Sewing Techniques - Intermed Sewing Techniques 3.0

Requirement 12 —Complete 1 of 3 Courses

Complete one of the following Family Relation courses:

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

Requirement 13 —Complete 1 Course

Complete the following clothing selection and psychology of clothing course:

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

Requirement 14 —Complete 4 Courses

Complete the following professional practice courses concurrently:

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

Requirement 15 —Complete 3 Requirements

Professional education component:

Licensure requirements: Contact the Education Advisement Center, 350 MCKB, 801-422-3426, to schedule the final interview to clear your application for the secondary teaching license. You should be registered for your last semester at BYU prior to the scheduled appointment.

Requirement 15.1 —Complete 3 Courses

CPSE402 Educ Stdnts w/Disablts in ScEd - Educ Stdnts w/Disablts in ScEd 2.0

SC ED350 Adolescent Development - Adolescent Development 2.0

SC ED353 Multicultural Educ - Multicultural Educ 2.0

Requirement 15.2 —Complete 3 hours

Note: 3 hours of SFL 276R are required.

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0

Note: Fingerprinting and FBI clearance must be completed before registration in SFL 276R.

Requirement 15.3 —Complete 12 hours

SFL476 Student Teaching - Student Teaching - *You may take up to 12.0 credit hours* 12.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take up to 12.0 credit hours* 12.0

Student teachers/interns must complete three forms in their Educator accounts (PIBS, CDS, FED) and attach their PPAT to the Educator account for their program. All four must be completed to be cleared for graduation.

Complete the Praxis II test.

Recommended Courses are not required to complete the program

Advanced Written and Oral Communication: SFL 315 is strongly recommended.

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

Family Life (BS): Human Development Emphasis

Program Information

Minimum Credit Hours
49

Maximum Credit Hours
49

Major Academic Plan
MAPS - BS in Family Life - Human Development 2026-2027.docx

Learning Outcomes

Title
Human Development Content and Theory

Learning Outcome
Demonstrate understanding of major concepts, theories, and research findings in substantive areas of human development.

Title
Research and Evaluation Methodologies

Learning Outcome
Critically evaluate and/or use the various methodologies used in human development research.

Title
Effective Writing and Analysis

Learning Outcome
Write professional research papers on human development questions that demonstrate an ability to synthesize and critically evaluate research related to specific theories and/or substantive areas.

Program Requirements

The School of Family Life requires a minimum of 18 hours of upper-division major course work to be taken in residency at BYU for this degree program. (This requirement includes taking at least 12 hours minimum of the human development core in residency at BYU.) These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 2 Options

Complete one of the following tracks:

Option 1.1 —Complete 4 Requirements

HUMAN DEVELOPMENT TRACK

Requirement 1.1.1 —Complete 12 Courses

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

Requirement 1.1.2 —Complete 9 hours

Note: Courses taken beyond the required 9 credit hours may count towards the 3 credit hour elective requirement below.

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

Requirement 1.1.3 —Complete 1 Requirement

Requirement 1.1.3.1 —Complete 3 hours

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL453 Moral Development - Moral Development 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

Note 1: If SFL 453 is not used to fulfill the capstone requirement, it may be used to fulfill three credit hours of the nine credit hour requirement above. If SFL 490 is not used to fulfill the capstone requirement, it may be used to fulfill three credit hours of the nine credit hour requirement above.

Note 2: For SFL 399R and 403R, human development-related experiences are preferred. Only three credit hours of 399R or 403R may count toward the degree requirements. Additional credits may, however, count towards the overall 120 credit hour graduation requirement.

Requirement 1.1.4 —Complete 3 hours

Any course you complete in SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.

HLTH456 Families and Public Health - Families and Public Health 3.0

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basic Sewing Techniques - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

SFL224 Marriage Enhancement - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Sewing Techniques 3.0

SFL306 Death and Dying- Death and Dying 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Sewing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Sewing Studies: Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

Option 1.2 —Complete 4 Requirements

BIOLOGICAL FOUNDATIONS IN HUMAN DEVELOPMENT TRACK

Requirement 1.2.1 —Complete 6 Courses

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

Requirement 1.2.2 —Complete 9 hours

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL351 Social Development - Social Development 3.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

Requirement 1.2.3 —Complete 18 hours

Option 1.2.3.1 —Complete at least 14 hours up to 18 hours

Note: To fulfill this requirement, students may use either MMBio 121 or CELL 120; MMBIO 221 or MMBio 240; MMBio 222 or MMBio 241; and CELL 305 or a combination of CELL 362 and CELL 363.

CELL120 Science of Biology - Science of Biology 3.0

CELL305 Human Physiology - Human Physiology 4.0

CELL362 Advanced Physiology - Advanced Physiology 3.0

CELL363 Adv Physiology Lab - Adv Physiology Lab 1.0

CELL365 Pathophysiology - Pathophysiology 4.0

CHEM105 Gen College Chem 1+Lab Integr - Gen College Chem 1+Lab Integr 4.0

CHEM106 General College Chemistry 2 - General College Chemistry 2 3.0

CHEM107 Gen Coll Chem Lab - Gen Coll Chem Lab 1.0

MMBIO121 Gen Biology: Health & Disease - Gen Biology: Health & Disease 3.0

MMBIO221 General Microbiology - General Microbiology 3.0

MMBIO222 Gen Micro Lab - Gen Micro Lab 1.0

MMBIO240 Molecular Biology - Molecular Biology 3.0

MMBIO241 Molecular & Cellular Bio Lab - Molecular & Cellular Bio Lab 1.0

NURS102 Nurs-Med Term - Nurs-Med Term 2.0

NURS333 End-of-Life Care - End-of-Life Care 3.0

PHSCS105 General Physics 1 - General Physics 1 3.0

PHSCS106 General Physics 2 - General Physics 2 3.0

PHSCS107 General Physics Lab 1 - General Physics Lab 1 1.0

PHSCS108 General Physics Lab 2 - General Physics Lab 2 1.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

Option 1.2.3.2 —Complete up to 4 hours

CELL210 Human Anatomy (w/ virtual lab) - Human Anatomy (w/ virtual lab) 3.0

CELL220 Human Anatomy (with lab) - Human Anatomy (with lab) 4.0

Note: Any course listed in Group 1.2.2 that is not used to fulfill the 9 credit requirement for Group 1.2.2 may be used to fulfill the requirement for Group 1.2.3.

Requirement 1.2.4 —Complete 6 hours

Any course you complete in SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL100 Strengthening Marr & Family - Strengthening Marr & Family 3.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basics of Clothing Constructn - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL205 Home and Family Living - Home and Family Living 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

SFL224 Marriage Enhancement - Marriage Enhancement 3.0

SFL230 Housing the Family - Housing the Family 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Clothing Construction 3.0

SFL306 Death and Dying - Death and Dying 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL330 Pre-Prof Prep for MFT - Pre-Prof Prep for MFT 1.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

ECE355 Language Development - Language Development 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL360 Advanced Family Finance - Advanced Family Finance 3.0

SFL370 Families in Communities - Families in Communities 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Clothing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL453 Moral Development - Moral Development 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL471 Family Work & Relationships - Family Work & Relationships 3.0

SFL472 Temporal Welfare in Families - Temporal Welfare in Families 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Sewing Studies: Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

Family Life (BS): Family Studies Emphasis

Program Information

Minimum Credit Hours
49

Maximum Credit Hours
49

Major Academic Plan
MAPS - BS in Family Life - Family Studies 2026-2027.docx

Learning Outcomes

Title
Marriage and Family Content and Theory

Learning Outcome
Demonstrate understanding of major concepts, theories, and research results in substantive areas related to marriage and family.

Title
Research and Evaluation Methodologies

Learning Outcome
Critically evaluate and/or use the various methodologies used in marriage and family studies research.

Title
Effective Writing and Analysis

Learning Outcome
Write professional research papers on marriage and family studies questions that demonstrate an ability to synthesize and critically evaluate research related to specific theories and/or substantive areas.

Program Requirements
The School of Family Life requires a minimum of 18 hours of SFL upper-division course work to be taken in residency at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Students who do not plan to pursue a graduate program beyond the bachelor's degree should take other courses that will enhance their employment opportunities. Consult a faculty advisor or your academic advisor for suggested minors, majors, and skills. Students are encouraged to take student development courses related to career planning in their junior or senior year.

Requirement 1 —Complete 7 Courses

Complete the following School of Family Life core before taking other courses in the major:

SFL101 Intro to SFL - Intro to SFL 1.0

SFL160 Intro to Family Processes - Intro to Family Processes 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL210 Human Development - Human Development 3.0

SFL290 Critical Inquiry&Research Meth - Critical Inquiry&Research Meth 3.0

SFL305 Applied Stats/Data Management - Applied Stats/Data Management 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

Requirement 2 —Complete 1 Course

Family studies upper-division core course:

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

Requirement 3 —Complete 3 Courses

Family science core courses:

SFL335 Family Adaptation&Resiliency - Family Adaptation&Resiliency 3.0

SFL336 Theories in Fam Perspective - Theories in Fam Perspective 3.0

SFL460 Advanced Family Processes - Advanced Family Processes 3.0

Requirement 4 —Complete 1 of 2 Options

Complete one of the following 2 tracks:

Option 4.1 —Complete 3 Requirements

FAMILY STUDIES TRACK

Requirement 4.1.1 —Complete 9 hours

Note: SFL 395R and 403R may only be taken once each.

SFL260 Family Finance - Family Finance 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL382 Textiles - Textiles 3.0

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

Requirement 4.1.2 —Complete 3 hours

Note: For SFL 399R and 403R, family studies-related experiences are preferred. Only 3 credit hours of 399R or 403R may count toward the 49 credit hour graduation requirement. For exceptions for capstone courses, contact the department.

SFL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take up to 3.0 credit hours* 0.5v

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice - *You may take up to 3.0 credit hours* 3.0

Requirement 4.1.3 —Complete 6 hours

Any course you complete in the SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.

SC ED476R Secondary Student Teaching - Secondary Student Teaching - *You may take once* 12.0

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

SFL185R Basic Sewing Techniques - Basic Sewing Techniques - *You may take once* 3.0

SFL200 Strengthening Marriage/Family - Strengthening Marriage/Family 3.0

SFL202 Design in the Home - Design in the Home 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL221 Foundations of DAP - Foundations of DAP 2.0

SFL222 DAP Practicum - DAP Practicum 2.0

SFL223 Preparation for Marriage - Preparation for Marriage 3.0

SFL224 Marriage Enhancement - Marriage Enhancement 3.0

SFL240 Parenting & Child Guidance - Parenting & Child Guidance 3.0

SFL260 Family Finance - Family Finance 3.0

SFL261 Consumerism and the Market - Consumerism and the Market 3.0

SFL276R Exploration of Tchg-Fam & CS - Exploration of Tchg-Fam & CS - *You may take once* 3.0v

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

SFL287 Intermed Sewing Techniques - Intermed Sewing Techniques 3.0

SFL315 Effective Writing & Presenting - Effective Writing & Presenting 3.0

SFL325 Marital Relationships - Marital Relationships 3.0

SFL328 Hist of Interior Design&Arch 1 - Hist of Interior Design&Arch 1 3.0

SFL329 Hist of Interior Design&Arch 2 - Hist of Interior Design&Arch 2 3.0

SFL331 Infant Dev in the Family - Infant Dev in the Family 3.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SFL340 Family Meal Management - Family Meal Management 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL351 Social Development - Social Development 3.0

SFL352 Perception Cognition Language - Perception Cognition Language 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL359 Child Life - Child Life 3.0

SFL371 Consumer Sciences Technology - Consumer Sciences Technology 1.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

SFL380 History of Apparel - History of Apparel 3.0

SFL382 Textiles - Textiles 3.0

SFL387 Adv Sewing: Patternmaking - Adv Sewing: Patternmaking 3.0

SFL393R Special Projects in Clothing - Special Projects in Clothing - *You may take once* 0.5v

SFL395R Special Topics in Family Life - Special Topics in Family Life - *You may take once* 1.0v

SFL399R Academic Internship - Academic Internship - *You may take once* 1.0v

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL403R Rsrch/Creative Works Practicum - Rsrch/Creative Works Practicum - *You may take once* 0.5v

SFL420 Admin ECE Program - Admin ECE Program 2.0

SFL449 Biological Fndtns of Human Dev - Biological Fndtns of Human Dev 3.0

SFL453 Moral Development - Moral Development 3.0

SFL461 The Family & the Law - The Family & the Law 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SFL487 Adv Sewing Studies:Constructn - Adv Sewing Studies: Constructn 3.0

SFL488R Home-Based Entrepre - Home-Based Entrepre - *You may take once* 1.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL490 Adv Issues in Human Dev - Adv Issues in Human Dev 3.0

SFL496R Secondary Teaching Internship - Secondary Teaching Internship - *You may take once* 12.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

Option 4.2 —Complete 3 Requirements

FAMILY SERVICES TRACK

Requirement 4.2.1 —Complete 4 Courses

SFL334 Adult Development & Aging - Adult Development & Aging 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

Requirement 4.2.2 —Complete 3 hours

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL357 Therapeutic Play Foundations - Therapeutic Play Foundations 3.0

SFL376 Healthy Sexuality in Marriage - Healthy Sexuality in Marriage 3.0

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

SFL401 Helping Relationships - Helping Relationships 3.0

SFL465 Marr & Fam Enrichment/Therapy - Marr & Fam Enrichment/Therapy 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

Requirement 4.2.3 —Complete 3 hours

Note: Students planning to qualify for some Master of Social Work (MSW) degree programs may want to consider an SFL 399R experience in a human service-related agency. Some MSW programs may require more than 3 credit hours of internship, however, only 3 credit hours of internship may count for SFL credit.

SFL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

Any course you complete in the SFL may only be counted once. If you have any confusion about whether or not you have fulfilled your SFL major requirements, it is your responsibility to go to the advisement center.

Family & Consumer Sciences Education (Minor)

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Program Requirements

This minor is designed to prepare students to teach in public schools. A teaching minor may only be received by students graduating with a teaching major. In order to graduate with this minor, students are required to complete Utah State Office of Education licensing requirements. To view these requirements, go to http://education.byu.edu/ess/licensing.html or contact Education Student Services, 350 MCKB, (801) 422-3426.

For students accepted into the major after December 16, 2019, grades below C in any required coursework in a teaching major or teaching minor will not be accepted. Teacher candidates must maintain a cumulative GPA of 2.7 or higher once admitted into the program and to qualify for student teaching. For additional details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program Requirements in the Undergraduate Catalog. For details on admission and retention requirements for teaching majors and teaching minors, see Educator Preparation Program (EPP) Requirements.

Requirement 1 — Complete 1 Course

Complete the following human development course:

SFL210 Human Development - Human Development 3.0

Requirement 2 — Complete 2 Courses

Complete the following early childhood learning experiences practice with lab:

SFL221 Foundations of DAP - Foundations of DAP 1.0

SFL222 DAP Practicum - DAP Practicum 3.0

Requirement 3 — Complete 2 Courses

Complete the following nutrition through the life cycle or food preparation course:

NDFS100 Essentials of Human Nutrition - Essentials of Human Nutrition 3.0

SFL110 Food Preparation in the Home - Food Preparation in the Home 2.0

Requirement 4 — Complete 1 Course

Complete the following introduction to housing and interior design course:

SFL102 Introduction to Interiors - Introduction to Interiors 3.0

Requirement 5 — Complete 1 Course

Complete the following basic clothing construction and alterations course:

SFL185R Basic Sewing Techniques - Basic Sewing Techniques - *You may take once* 3.0

Requirement 6 — Complete 1 Course

Complete the following clothing selection and psychology of clothing course:

SFL280 Dynamics of Clothing - Dynamics of Clothing 3.0

Requirement 7 — Complete 3 hours

Elective courses:

NDFS175 Intro Food Science - Intro Food Science 3.0

NDFS251 Essentials of Food Sci Lab - Essentials of Food Sci Lab 1.0

SFL202 Design in the Home - Design in the Home 3.0

SFL215 Advanced Food Preparation - Advanced Food Preparation 3.0

SFL260 Family Finance - Family Finance 3.0

SFL287 Intermed Sewing Techniques - Intermed Sewing Techniques 3.0

SFL356 Gender Development in Families - Gender Development in Families 3.0

SFL382 Textiles - Textiles 3.0

SFL400 Addiction Recovery Healing - Addiction Recovery Healing 3.0

Requirement 8 — Complete 3 Courses

Complete the following courses:

SFL377 Tchg Mthds in Fam&Cons Sci Ed - Tchg Mthds in Fam&Cons Sci Ed 3.0

SFL378 Practicum in Secondary Educ - Practicum in Secondary Educ 1.0

SFL379 Class & Lab management - Class & Lab management 1.0

Requirement 9 — Complete 1 Course

SFL476 Student Teaching - Student Teaching 12.0

Note: Fingerprinting and FBI clearance must be completed before registration in SFL 276R.

Civic Engagement Leadership (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Leadership

Learning Outcome
Develop leadership skills in their discipline or career as a community leader.

Title
Community Development

Learning Outcome
Apply knowledge from their diverse major classes toward community development

Title
Community Projects

Learning Outcome
Organize real-world group and individual projects that improve a local community.

Title
Building Relationships

Learning Outcome
Build relationships with mentors, speakers, and other students who are civically engaged.

Title
Making Positive Changes

Learning Outcome
Navigate political arenas to make positive changes in their communities.

Program Requirements

Requirement 1 — Complete 2 Courses

FHSS300 Leadership Projects - Leadership Projects 2.0

FHSS400 Civic Engage Leadership - Civic Engage Leadership 3.0

Requirement 2 — Complete 13 hours

Complete 13 credit hours from the following (3.0 credit hours must be outside your major). Note: Only 3 credit hours of internship may be used toward fulfilling this requirement. Note: Hlth 431 and 439 are options only for Public Health students. Course electives not listed but with significant civic engagement content may also be counted with approval from the Director of Civic Engagement.

AM ST399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

ANTHR247 Applied Anthropology - Applied Anthropology 3.0

ANTHR311 Museums & Cultures - Museums & Culturesb3.0

ANTHR370 Community Based Research - Community Based Research 3.0

ANTHR432 Economic&Political Institutns - Economic&Political Institutns 3.0

ANTHR490R Special Topics - Special Topics in Anthropology - *You may take once* 0.5v

ANTHR495R Ethnographic Field Project - Ethnographic Field Project - *You may take once* 3.0v

BIO194 Intro to Mentored Research - Intro to Mentored Research 0.5

BIO370 Bioethics - Bioethics 2.0

BIO399R Academic Internship - Academic Internship - *You may take once* 0.5v

BIO450 Capstone in Biodiversity & Con - Capstone in Biodiversity & Con 3.0

BIO494R Plant Biology - Plant Biology - *You may take once* 1.0v

CCE102 Sustainable Infrastructure - Sustainable Infrastructure 3.0

CE361 Transportation Engineering - Transportation Engineering 3.0

CE565 Transp Planning & Analysis - Urban Transportation Planning 3.0

COMMS304 Media Ethics - Media Ethics 3.0

COMMS382 Issues in Global Communication - Issues in Global Communication 3.0

COMMS399R Academic Internship - Academic Internship - *You may take once* 1.0

COMMS416 - Civic Communication and Public 3.0

COMMS436 PR Strategy - PR Strategy 3.0

COMMS481 Family, Gender, and Media - Family, Gender, and Media 3.0

COMMS485 PR Campaigns - PR Campaigns 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON463 Economics of the Labor Market - Economics of the Labor Market 3.0

ECON465 Health Economics - Health Economics 3.0

ECON468 Urban Economics - Urban Economics 3.0

ECON477 Political Economics - Political Economics 3.0

EXDM300 Creating a Good Life - Creating a Good Life 3.0

EXDM418 Designing for Inc & Belonging - Div, Equ, & Incl in ExDM 3.0

FHSS200 Intro Civic Engage Leadership - Intro Civic Engage Leadership 1.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

FHSS399R Civic Engagement Internship - Civic Engagement Internship - *You may take once* 1.0v

GEOG306 Public Lands: Planning & Mgmt - Public Lands: Planning & Mgmt 3.0

GEOG210 Intro to City Planning - Intro to City Planning 3.0

GEOG336 Geog Urban Environ - Geog Urban Environ 3.0

GEOG341 Political Geography - Political Geography 3.0

GEOG399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

GEOG410 Urban Planning Methods - Urban Planning Methods 3.0

GEOG422 Urban Design - Urban Design 2.0

GEOG424 Urban Transportation Planning - Urban Transportation Planning 3.0

GEOG510 Professional Planning Studio - Professional Planning Studio 3.0

HCOLL399R Professional Internship - Professional Internship - *You may take up to 3.0 credit hours* 0.5v

HIST309 Euro Revolutions Since 1500 - Euro Revolutions Since 1500 3.0

HIST336 History and Reconciliation - History and Reconciliation 3.0

HIST362 US Immigration History - US Immigration History 3.0

HIST367 Slavery in the U.S. - Slavery in the U.S. 3.0

HIST383 African-Am Hist since 1865 - African-Am Hist since 1865 3.0

HIST385 Latinos in the United States - Latinos in the United States 3.0

HIST386 Am Indian Hist to 1877 - Am Indian Hist to 1877 3.0

HIST387 Am Indian Hist 1877-present - Am Indian Hist 1877-present 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

HLTH316 Health Systems and Policy - Health Systems and Policy 3.0

HLTH322 Environmental Health - Environmental Health 3.0

HLTH413 Refugee & Migrant Health - Refugee & Migrant Health 3.0

HLTH420 Injury & Violence Prevention - Injury & Violence Prevention 3.0

HLTH422 Disaster Response & Emer Prep - Disaster Response & Emer Prep 3.0

HLTH431 Hlth Comm and Advocacy - Hlth Comm and Advocacy 3.0

HLTH450 Women's Health - Women's Health 3.0

HLTH480 International Health - International Health 3.0

HLTH494 Program Planning Capstone - Program Planning Capstone 3.0

GCI300 Social Impact - Social Impact 3.0

GCI320 Implementing Social Impact - Implementing Social Impact 3.0

GCI310 Designing Social Impact - Designing Social Impact 3.0

GCI330 Evaluating Social Impact - Evaluating Social Impact 3.0

GCI425R Social Impact Projects - Social Impact Projects - *You may take once* 3.0

POLI311 State Government and Politics - State Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Academic Internship - Congress Internship - *You may take up to 3.0 credit hours* 0.5v

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 0.5v

PSYCH420R Capstone: Comms & Tech - Capstone: Comms & Tech 3.0

PWS180 Global Climate Change - Global Climate Change 3.0

REL C351 World Religions - World Religions 2.0

SFL333 Adolescent Dev in Fam & Soc - Adolescent Dev in Fam & Soc 3.0

SFL345 Family Life in World Religions - Family Life in World Religions 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SFL358 Media, Fam & Human Dev - Media, Fam & Human Dev 3.0

SFL399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

SFL461 The Family & the Law - The Family and The Law 3.0

SFL489 Family & Public Policy - Family & Public Policy 3.0

SFL498 FLE: Theory,Rsch & Practice - FLE: Theory,Rsch & Practice 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC399R Academic Internship - Academic Internship - *You may take up to 3.0 credit hours* 1.0v

SOC422 Inequality & Society - Inequality & Society 3.0

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

SOC W582 Refugee Studies- Refugee Studies 2.0

STDEV290 Learning Through Service - Learning Through Service 1.0

Political Science (Minor)

Program Information

Minimum Credit Hours
21

Maximum Credit Hours
21

Program Requirements

Requirement 1 — Complete 1 of 3 Options

Option 1.1 — Complete 2 Requirements

Requirement 1.1.1 — Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 — Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 — Complete 2 Requirements

Requirement 1.2.1 — Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 — Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 — Complete 2 Requirements

Requirement 1.3.1 — Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 — Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 — Complete 1 of 2 Courses

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

Requirement 3 — Complete 12 hours

Complete twelve additional credits hours of the following courses. Only 6 hours of POLI 399R (Internship Credit) may count toward the minor. Only 6 hours of POLI 497R (Mentored Research) may count toward the minor.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0

POLI336 Religion and Politics - Religion and Politics 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take once* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take once* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take once* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 101 and 297 cannot be counted toward the minor.

Students scoring a 4 or 5 on the U.S. Government & Politics and/or Comparative Government & Politics AP exams may substitute AP credit for POLI 110 and/or POLI 150, respectively.

International Strategy and Diplomacy (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 2 — Complete 6 hours

HIST313 Strategy in Peace and War - Strategy in Peace and War 3.0

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

Note: Internships and mentored research must be related to international strategy and diplomacy to count for the International Strategy and Diplomacy minor.

Requirement 3 — Complete 3 hours

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

Requirement 4 — Complete 6 hours

POLI341 European Politics - European Politics 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

Legal Studies (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Program Requirements

Requirement 1 — Complete 9 hours

Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI373 International Law - International Law 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

Requirement 2 — Complete 6 hours

Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI336 Religion and Politics - Religion and Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI 399R - Congress Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI473 Human Rights - Human Rights 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

STDEV168R Law Lecture Series - Law Lecture Series - *You may take once* 1.0

STDEV260 Constitutional Research - Constitutional Research 1.0

STDEV261 The Law in Literature - The Law in Literature 2.0

STDEV364 Mediation Techniques & Practic - Mediation Techniques & Practic 3.0

STDEV365 Legal Education & Practice - Legal Education & Practice 2.0

STDEV368R Prelaw Review Journal Writing - Prelaw Review Journal Writing - *You may take once* 2.0

STDEV496R Advanced Legal Internship - Advanced Legal Internship - *You may take once* 1.0v

Note: Up to 3 credit hours of STDEV can count for the Legal Studies minor.

Note: Internships and mentored research must be related to legal studies to count for the Legal Studies minor.

Political Strategy (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Program Requirements

Requirement 1 — Complete 1 of 2 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 2 — Complete 9 hours

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

Requirement 3 — Complete 6 hours

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON477 Political Economics - Political Economics 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

Internships and mentored research must be related to political strategy to count for the Political Strategy minor.

Students are strongly encouraged to take one of the following methods courses: POLI 301, 302, 304, 305, 428.

Students may count up to 6 credit hours of POLI 399R (internship credit) in the minor.

Students are strongly encouraged to complete internships, work on political campaigns, and gain other practical political experience.

Political Research and Data Analysis (Minor)

Program Information

Minimum Credit Hours	Maximum Credit Hours
21	26

Program Requirements

Requirement 1 — Complete 1 of 2 Options

Option 1.1 — Complete 2 Courses

POLI200 Political Inquiry - Political Inquiry 4.0

POLI300 Statistical Analysis - Statistical Analysis 4.0

Option 1.2 — Complete 1 of 4 Courses

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

SOC405 Regression Analysis - Regression Analysis 3.0

STAT330 Statistical Modeling 2 - Statistical Modeling 2 3.0

Requirement 2 — Complete 9 hours

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

Requirement 3 — Complete 9 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course if no longer offered.*

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT531 Experimental Design and Causal - Experimental Design 3.0

Political Science (BA): International Strategy and Diplomacy Emphasis

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan

MAPS - BA in Political Science - International Strategy and Diplomacy 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science including familiarity with each of the four major subfields: American politics comparative politics international relations and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government political processes and political theories including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others including participation in political processes and engagement on issues of political importance.

Program Requirements

The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *not course is not currently offered.*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 6 hours

Professional Emphasis Part 1. Note: Internships and mentored research must be related to international strategy and diplomacy to count for the International Strategy and Diplomacy Track.

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

Requirement 7 —Complete 3 hours

Professional Emphasis Part 2.

HIST393 US Foreign Relations - US Foreign Relations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0-*This course is not currently offered*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0-*This course is not currently offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

Requirement 8 —Complete 6 hours

Professional Emphasis Part 3.

POLI341 European Politics - European Politics 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0-*This course is not currently offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0- *This course is not currently offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

Note: Students are strongly encouraged to complete international internships, field studies, and mentored research. Some study abroad programs may also be helpful.

Requirement 9 —Complete 6 hours

Additional Electives.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI335 Social Policy - Social Policy 3.0- *This course is not currently offered*

POLI336 Religion and Politics - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0-*This course is not currently offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R Academic Internship - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0-*This course is not currently offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is not currently offered.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0- *This course is not currently offered*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0-*This course is not currently offered*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v-*This course is not currently offered*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v- *This course is not currently offered*

1. No double-counting of courses across requirements.

2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

3. Only 6 hours of POLI 399R (internship credit) may count toward the major.

4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

7. We strongly encourage students to take POLI 398, a career lecture series course.

Political Science (BA): Global Development Emphasis

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan
MAPS - BA in Political Science - Global Development 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science including familiarity with each of the four major subfields: American politics comparative politics international relations and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government political processes and political theories including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others including participation in political processes and engagement on issues of political importance.

Program Requirements

The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course is no longer offered.*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 1 Course

Professional Emphasis Part 1.

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

Requirement 7 —Complete 12 hours

Professional Emphasis Part 2.

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI394R Topics in Global Development - Topics in Global Development - *You may take up to 9.0 credit hours* 1.0v

POLI399R Utah Legislature Internship - Congress Internship - *You may take once* 0.5v

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

Note: Internships and mentored research must be related to global development to count for the Global Development track (i.e. international development organization or in developing countries).

Note: Students are strongly encouraged to complete international internships and mentored field research.

Requirement 8 —Complete 6 hours

Additional electives.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is no longer offered*

POLI336 Religion and Politics - Government and Religion 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0 - *This course is no longer offered*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer offered.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v - *This course is no longer offered*

1. No double-counting of courses across requirements.

2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

3. Only 6 hours of POLI 399R (internship credit) may count toward the major.

4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

7. We strongly encourage students to take POLI 398 , a career lecture series course.

Political Science (BA): Legal Studies Emphasis

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan
MAPS - BA in Political Science - Legal Studies 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science including familiarity with each of the four major subfields: American politics comparative politics international relations and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government political processes and political theories including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others including participation in political processes and engagement on issues of political importance.

Program Requirements

The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *this course is not currently offered.*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 9 hours

Professional Emphasis Part 1. Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI373 International Law - International Law 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

Requirement 7 —Complete 6 hours

Professional Emphasis Part 2. Note: PHIL 416 (Philosophy of Law) may be used in place of POLI 364. See your academic advisor for more information.

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

HIST392 US Constitutnl His - US Constitutnl His 3.0

POLI278 Statistics for Lawyers - Statistics for Lawyers 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI336 Religion and Politics - Religion and Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI373 International Law - International Law 3.0

POLI375 International Organizations - International Organizations 3.0

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Congress Internship - *You may take once* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI473 Human Rights - Human Rights 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

STDEV168R Law Lecture Series - Law Lecture Series - *You may take once* 1.0

STDEV260 Constitutional Research - Constitutional Research 1.0

STDEV261 The Law in Literature - The Law in Literature 2.0

STDEV364 Mediation Techniques & Practic - Mediation Techniques & Practic 3.0

STDEV365 Legal Education & Practice - Legal Education & Practice 2.0

STDEV368R Prelaw Review Journal Writing - Prelaw Review Journal Writing - *You may take once* 2.0

STDEV496R Advanced Legal Internship - Advanced Legal Internship - *You may take once* 1.0v

Note: Up to 3 credit hours of STDEV can count for the Legal Studies emphasis.

Note: Internships and mentored research must be related to legal studies.

Requirement 8 —Complete 6 hours

Additional electives.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics- Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI334 Public Ethics - Public Ethics 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is not currently offered.*

POLI336 Religion and Politics - Religion and Politics 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0 - *This course is not currently offered.*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is not currently offered.*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0 - *This course is not currently offered.*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0 - *This course is not currently offered.*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0 - *This course is not currently offered.*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0 - *This course is not currently offered.*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is not currently offered.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is not currently offered.*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0 - *This course is not currently offered.*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v - *This course is not currently offered.*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v - *This course is not currently offered.*

1. No double-counting of courses across requirements.

2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

3. Only 6 hours of POLI 399R (internship credit) may count toward the major.

4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

7. We strongly encourage students to take POLI 398 , a career lecture series course.

Political Science: Political Strategy (BA)

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan

MAPS - BA in Political Science - Political Strategy 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science including familiarity with each of the four major subfields: American politics comparative politics international relations and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government political processes and political theories including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others including participation in political processes and engagement on issues of political importance.

Program Requirements

The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course is no longer offered.*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 9 hours

Professional Emphasis Part 1.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is no longer offered*

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take up to 6.0 credit hours* 0.5v

POLI399R Washington DC Internship - Washington DC Internship - *You may take up to 6.0 credit hours* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

Requirement 7 —Complete 6 hours

Professional Emphasis Part 2.

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON477 Political Economics - Political Economics 3.0

FHSS351 Faith, Culture, Ldrship Sem - Civil Rights Seminar 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take once* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is no longer offered*

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI342 Gender and Politics - Gender and Politics 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take up to 6.0 credit hours* 0.5v

POLI399R Washington DC Internship - Washington DC Internship - *You may take up to 6.0 credit hours* 0.5v

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

Note: Students are strongly encouraged to complete internships, work on political campaigns, and gain other practical political experience.

Note: Internships and mentored research must be related to political strategy.

Note: Students are strongly encouraged to take one of the following methods courses in the Analytical and Professional Skills requirement: POLI 301, 302, 304, 305, 428.

Requirement 8 —Complete 6 hours

Additional electives.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is no longer offered*

POLI336 Religion and Politics - Religion and Politics 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0 - *This course is no longer offered*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI 399R - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v

1. No double-counting of courses across requirements.

2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

3. Only 6 hours of POLI 399R (internship credit) may count toward the major.

4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

7. We strongly encourage students to take POLI 398 , a career lecture series course.

Political Science (BA): Research and Analysis Emphasis

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan

MAPS - BA in Political Science - Research and Analysis 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science including familiarity with each of the four major subfields: American politics comparative politics international relations and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity providing reasons and evidence to support claims usingproper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government political processes and political theories including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others including participation in political processes and engagement on issues of political importance.

Program Requirements

The Political Science Department requires a minimum of 27 hours of political science courses to be taken in residency at BYU for this degree program (BYU Independent Study courses do not meet this requirement). These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 328 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course is no longer offered.*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 9 hours

Professional Emphasis Part 1.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 7 —Complete 6 hours

Professional Emphasis Part 2.

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course is no longer offered.*

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Mgt Info Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

STAT230 Statistical Modeling 1 - Statistical Modeling 1 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

STAT251 Intro to Bayesian Statistics - Intro to Bayesian Statistics 3.0

STAT435 Nonparametric Stat Methods - Nonparametric Stat Methods 3.0

STAT531 Experimental Design and Causal - Experimental Design 3.0

Requirement 8 —Complete 6 hours

Additional electives.

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics- Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0 - *This course is no longer offered*

POLI336 Religion and Politics - Religion and Politics 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0 - *This course is no longer offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0 - *This course is no longer offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0 - *This course is no longer offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0 - *This course is no longer offered*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0 - *This course is no longer offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0 - *This course is no longer offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0 - *This course is no longer offered*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0 - *This course is no longer offered*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v - *This course is no longer offered*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v

1. No double-counting of courses across requirements.

2. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

3. Only 6 hours of POLI 399R (internship credit) may count toward the major.

4. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

5. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168) at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

6. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

7. We strongly encourage students to take POLI 398 , a career lecture series course.

Political Science (BA)

Program Information

Minimum Credit Hours
44

Maximum Credit Hours
44

Major Academic Plan
MAPS - BA in Political Science 2026-2027.docx

Learning Outcomes

Title
1. Understand Political Science and Its Subfields

Learning Outcome
Demonstrate advanced understanding of the discipline of political science, including familiarity with each of the four major subfields: American politics, comparative politics, international relations, and political philosophy.

Title
2. Employ Rigorous Research Methods

Learning Outcome
Use rigorous methods of research design and analysis to answer political questions, including multiple research methodologies

Title
3. Write and Speak with Originality and Clarity

Learning Outcome
Write and speak with originality and clarity, providing reasons and evidence to support claims using proper citation of source material.

Title
4. Think Critically and Analytically about Politics

Learning Outcome
Think critically and analytically about government, political processes, and political theories, including the components of a good society.

Title
5. Collaborate Effectively

Learning Outcome
Collaborate effectively with others, including participation in political processes and engagement on issues of political importance.

Program Requirements

Requirement 1 —Complete 1 of 3 Options

Introduction to the Major.

Option 1.1 —Complete 2 Requirements

Requirement 1.1.1 —Complete 1 Course

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

Requirement 1.1.2 —Complete 1 of 4 Courses

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.2 —Complete 2 Requirements

Requirement 1.2.1 —Complete 1 Course

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 1.2.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI170 Intro International Politics - Intro International Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Option 1.3 —Complete 2 Requirements

Requirement 1.3.1 —Complete 1 Course

POLI270 Principles of Intl Relations - Principles of Intl Relations 3.0

Requirement 1.3.2 —Complete 1 of 4 Courses

POLI110 Amer Government & Politics - Amer Government & Politics 3.0

POLI150 Comparative Governmnt&Politics - Comparative Governmnt&Politics 3.0

POLI210 Principles of Amer. Politics - Principles of Amer. Politics 3.0

POLI250 Principles of Comprtv Politics - Principles of Comprtv Politics 3.0

Requirement 2 —Complete 1 of 3 Courses

Political Philosophy.

POLI201 Western Political Heritage 1 - Western Political Heritage 1 3.0

POLI202 Western Political Heritage 2 - Western Political Heritage 2 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

Requirement 3 —Complete 1 Course

Introductory Research and Writing. (Note: This course is a prerequisite to many other courses and should be taken as soon as possible.)

POLI200 Political Inquiry - Political Inquiry 4.0

Requirement 4 —Complete 1 of 5 Courses

Research Project. (Note: This course should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. In combination with POLI 200, it fulfills the University Core Advanced Written and Oral Communication requirement.)

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

Requirement 5 —Complete 2 Requirements

Analytical and Professional Skills.

Requirement 5.1 —Complete 1 Course

(Note: POLI 300 should be taken as soon as possible after POLI 200 because it will provide skills for many other courses. It fulfills the University Core Languages of Learning requirement.)

POLI300 Statistical Analysis - Statistical Analysis 4.0

Requirement 5.2 —Complete 3 hours

ANTHR442 Ethnographic Research Design - Ethnographic Research Design 3.0

C S111 Intro to Computer Science - Intro to Computer Science 3.0

C S142 Intro to Computer Programming - Intro to Computer Programming 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 488 - Applied Econometrics 3.0 - *This course is no longer offered*

FIN201 Principles of Finance - Principles of Finance 3.0

GEOG212 Intro to GIS - Intro to GIS 3.0

IS201 Intro to Information Systems - Intro to Information Systems 3.0

PHIL205 Intro to Logic/Crit Thinking - Intro to Logic/Crit Thinking 3.0

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

STAT234 Methods of Survey Sampling - Methods of Survey Sampling 3.0

Requirement 6 —Complete 21 hours

POLI301 Data Visualization - Data Visualization 3.0

POLI302 Experimental Research Methods - Experimental Research Methods 3.0

POLI303 Qualitative Methods - Qualitative Methods 3.0

POLI304 Game Theory in Pol Sci - Game Theory in Pol Sci 3.0

POLI305 Survey Research Methods - Survey Research Methods 3.0

POLI306R Topics in Pol Sci Methods - Topics in Pol Sci Methods - *You may take once* 1.0v

POLI311 State Government and Politics - State & Local Govt & Politics 3.0

POLI312 American Judicial Politics - American Judicial Politics 3.0

POLI313 Interest Groups - Interest Groups 3.0

POLI314 U S Presidency - U S Presidency 3.0

POLI315 Congress & Legislative Process - Congress & Legislative Process 3.0

POLI316 American Political Parties - American Political Parties 3.0

POLI317 Pub Opinion & Voting Behavior - Pub Opinion & Voting Behavior 3.0v

POLI318 Campaigns & Elections - Campaigns & Elections 3.0

POLI319R Topics in Amer Gov & Politics - Topics in Amer Gov & Politics - *You may take up to 6.0 credit hours* 0.5v

POLI321 Media in American Politics - Media in American Politics 3.0

POLI322 Urban and Local Politics - Urban and Local Politics 3.0

POLI323 Race, Ethnicity, and Gender - Race, Ethnicity, and Gender 3.0

POLI324 Political Psychology - Political Psychology 3.0

POLI325 Pol of Wilds, Parks, & Lands - Pol of Wilds, Parks, & Lands 3.0

POLI326 American Political Demography - American Political Demography 3.0

POLI331 Politics and Public Policy - Politics and Public Policy 3.0

POLI332 Public Policy Analysis - Public Policy Analysis 3.0

POLI333 Politics of Bureaucracy - Politics of Bureaucracy 3.0

POLI335 Social Policy - Social Policy 3.0- *This course is not currently offered*

POLI336 Religion and Politics - Religion and Politics 3.0

POLI339R Topics in Public Policy - Topics in Public Policy - *You may take once* 1.0v

POLI340 Democracy and Autocracy - Democracy and Autocracy 3.0

POLI341 European Politics - European Politics 3.0

POLI342 Gender and Politics - Gender and Politics 3.0

POLI343 Designing Democ. Constitutions - Designing Democ. Constitutions 3.0

POLI344 Comparative Political Econ - Comparative Political Econ 3.0

POLI345 Comp. Parties and Elections - Comp. Parties and Elections 3.0

POLI346 Southeast Asian Politics - Southeast Asian Politics 3.0

POLI347 Russia/Former Soviet Politics - Russia/Former Soviet Politics 3.0

POLI348 Government & Politics of Asia - Government & Politics of Asia 3.0

POLI349R Topics in Politics - Topics in Politics - *You may take up to 6.0 credit hours* 0.5v

POLI351 British Government & Politics - British Government & Politics 3.0

POLI352 African Politics - African Politics 3.0

POLI353 China: Government & Politics - China: Government & Politics 3.0

POLI354 Japan:Government&Politics - Japan:Government&Politics 3.0-*This course is not currently offered*

POLI355 Canadian Govt & Politics - Canadian Govt & Politics 3.0- *This course is not currently offered*

POLI357 Middle East Politics - Middle East Politics 3.0

POLI358 Latin American Politics - Latin American Politics 3.0

POLI359R Topics in Comparative Politics - Topics in Comparative Politics - *You may take up to 6.0 credit hours* 1.0v

POLI362 Reason, Revelation, & Politics - Reason, Revelation, & Politics 3.0

POLI364 Jurisprudence - Jurisprudence 3.0

POLI365 Early Amer Political Thought - Early Amer Political Thought 3.0

POLI366 Modern Amer Political Thought - Modern Amer Political Thought 3.0

POLI367 Contemporary Political Theory - Contemporary Political Theory 3.0

POLI368R Topics in Political Philosophy - Topics in Political Philosophy - *You may take up to 6.0 credit hours* 1.0v

POLI371 Foreign Policy Analysis - Foreign Policy Analysis 3.0- *This course is not currently offered*

POLI372 Intrnl Political Economy - Intrnl Political Economy 3.0

POLI373 International Law - International Law 3.0

POLI374 Ethics & Intl Affairs - Ethics & Intl Affairs 3.0

POLI375 International Organizations - International Organizations 3.0

POLI376 US Foreign Policy - US Foreign Policy 3.0

POLI377 National Security Affairs - National Security Affairs 3.0

POLI378 International Conflict - International Conflict 3.0

POLI379R Topics in Intl Relations - Topics in Intl Relations - *You may take up to 6.0 credit hours* 0.5v

POLI380 Intrnl Relations of Latin Amer - Intrnl Relations of Latin Amer 3.0

POLI381 Intrntl Relatns of Middle East - Intrntl Relatns of Middle East 3.0

POLI382 IR of North America - IR of North America 3.0-*This course is not currently offered*

POLI384 Internatl Relations of Europe - Internatl Relations of Europe 3.0

POLI385 Intrntl Relations of Asia - Intrntl Relations of Asia 3.0

POLI386 Japanese Foreign Policy - Japanese Foreign Policy 3.0- *This course is not currently offered*

POLI387 Intnl Rel of Devel Countries - Intnl Rel of Devel Countries 3.0

POLI388 Chin Foreign Polcy - Chin Foreign Polcy 3.0

POLI391 Adv Seminar on Current Issues - Adv Seminar on Current Issues 3.0

POLI392R Topics in Political Strategy - Topics in Political Strategy - *You may take once* 1.0v

POLI393R Topics in Legal Studies - Topics in Legal Studies - *You may take once* 1.0v

POLI394R Topics in Global Development - Topics in Global Development - *You may take once* 1.0v

POLI395R Political Review - Political Review - *You may take once* 1.0

POLI397 Utah Legislative Politics - Utah Legislative Politics 2.0

POLI398 Speaker Series on Careers - Speaker Series on Careers 1.0

POLI399R Washington DC Internship - Washington DC Internship - *You may take once* 0.5v

POLI399R Academic Internship - Academic Internship - *You may take once* 0.5v

POLI399R International Internship - International Internship - *You may take once* 0.5v

POLI399R Pre-Law Internship - Pre-Law Internship - *You may take once* 0.5v

POLI399R Utah Legislature Internship - Utah Legislature Internship - *You may take once* 0.5v

POLI360 Research Proj Political Theory - Research Proj Political Theory 3.0

POLI310 Research Proj: Amer Politics - Research Proj: Amer Politics 3.0

POLI420 Const Law-Am Federal System - Const Law-Am Federal System 3.0

POLI421 Const Law-Rights & Immunities - Const Law-Rights & Immunities 3.0

POLI422 Int & Ideas, Amer Founding - Int & Ideas, Amer Founding 3.0

POLI423 Political Extremism - Political Extremism 3.0

POLI428 Advanced Statistical Analysis - Advanced Statistical Analysis 3.0

POLI330 Research Proj: Public Policy - Research Proj: Public Policy 3.0

POLI444 Political Econ of Development - Political Econ of Development 3.0

POLI350 Research Proj: Comp Politics - Research Proj: Comp Politics 3.0

POLI452 Islam and Politics - Islam and Politics 3.0

POLI461 Federalist Papers - Federalist Papers 3.0

POLI462 Tocqueville - Tocqueville 3.0

POLI465 Philosophy of Social Sciences - Philosophy of Social Sciences 3.0

POLI466 Plato's Political Thought - Plato's Political Thought 3.0- *This course is not currently offered*

POLI370 Resrch Proj: Intrnl Relations - Resrch Proj: Intrnl Relations 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

POLI473 Human Rights - Human Rights 3.0

POLI474 Arab-Palestn-Israeli Conflct - Arab-Palestn-Israeli Conflct 3.0

POLI475 Civil Wars & Ethnic Violence - Civil Wars & Ethnic Violence 3.0

POLI476 Terrorism - Terrorism 3.0

POLI491R Elections and Democracy Lab - Elections and Democracy Lab - *You may take once* 1.0v

POLI492R Global Politics Lab - Global Politics Lab - *You may take once* 1.0v

POLI497R Mentored Research - Mentored Research - *You may take once* 1.0v

POLI498R Directed Readings - Directed Readings - *You may take once* 0.5v

POLI 499 - Honors Thesis - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 0.5v

POLI539R Adv Topics in Public Policy - Adv Topics in Public Policy - *You may take once* 3.0- *This course is not currently offered*

POLI579R Topics on World Politics - Topics on World Politics - *You may take once* 3.0-*This course is not currently offered*

POLI599R Academic Internship - Academic Internship - *You may take once* 0.5v-*This course is not currently offered*

POLI599R Graduate Internship - Graduate Internship - *You may take once* 0.5v

1. POLI 101R and POLI 297R do not count toward the major or any minor offered by the department.

2. Only 6 hours of POLI 399R (internship credit) may count toward the major.

3. No cooperative education (internship) credit from other universities or colleges will be accepted toward the major.

4. All students are strongly encouraged to complete an internship. Established programs are available through Washington Seminar, Utah State Legislature, or the Kennedy Center. [Students should contact the Political Science Internship Director (945 KMBL, 801-422-2168), at least 60-90 days before the anticipated internship start date or before beginning the search for an internship.]

5. Only 6 hours of POLI 497R (Mentored Research) may count toward the major.

6. We strongly encourage students to take POLI 398, a career lecture series course.

Psychology (Minor)

Program Information

Minimum Credit Hours
19

Maximum Credit Hours
19

Program Requirements

Requirement 1 — Complete 2 Courses

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

Requirement 2 — Complete 12 hours

Complete 12 elective hours from remaining undergraduate and 500-level courses; 9 hours must be 300-level or above. No more than 6 hours of Independent Study credit may count toward the minor. Students may enroll in 500-level courses with instructor's consent.

Option 2.1 — Complete at least 9 hours up to 12 hours

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH313 Psychometrics - Psychometrics 3.0

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

PSYCH312R Advanced Methods - Advanced Methods - *You may take once* 3.0

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

PSYCH345 Mediation+Conflict Resolution - Basic Mediation 3.0

PSYCH348 Clinical Psychology - Clinical Psychology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH352 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH 361 - Principles of Learning 3.0

PSYCH 365 - Motivation 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH375 Cognition - Cognition 0.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH387 Intro to Primate Behavior - Intro to Primate Behavior 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

PSYCH390R Special Topics in Psychology - Special Topics in Psychology - *You may take once* 3.0

PSYCH399R Academic Internship - Academic Internship - *You may take once* 0.5v

PSYCH410R Capstone: Teaching Assistant - Capstone: Teaching Assistant - *You may take once* 3.0

PSYCH420R Capstone: Comms & Tech - Capstone: Comms & Tech 3.0

PSYCH430R Capstone: Research - Capstone: Research 3.0

PSYCH492R Superv Instrctnl/Resrch Exper - Superv Instrctnl/Resrch Exper - *You may take once* 0.5v

PSYCH495R Independent Readings - Independent Readings - *You may take once* 0.5v

PSYCH496R Capstone: Internship - Academic Internship, Capstone - *You may take once* 0.5v

PSYCH499R Independent Research - Independent Research - *You may take once* 0.5v

PSYCH501 Data Analysis in Psych Rsrch 1 - Data Analysis in Psych Rsrch 1 4.0

PSYCH502 Data Analysis in Psych Rsrch 2 - Data Analysis in Psych Rsrch 2 4.0

PSYCH503 Research Measurement - Research Measurement 3.0

PSYCH504 Research Design - Research Design 3.0

PSYCH505 Clinical Research - Clinical Research 3.0

PSYCH510 History & Systems of Psych - History & Systems of Psych 3.0

PSYCH511 Philosophy of Science - Philosophy of Science 3.0

PSYCH512 Qualitative Research Methods - Qualitative Research Methods 3.0

PSYCH513R Topics in Beh Neuroscience - Topics in Beh Neuroscience - *You may take once* 3.0

PSYCH514 Computational Neuroimaging - Computational Neuroimaging 1.0

PSYCH515 Neuroimaging Analysis 1 - Neuroimaging Analysis 1 3.0

PSYCH516 Neuroimaging Analysis 2 - Neuroimaging Analysis 2 3.0

PSYCH517 Neuroimaging Analysis 3: fMRI - Neuroimaging Analysis 3: fMRI 3.0

PSYCH520 Adv Developmental Psych - Adv Developmental Psych 3.0

PSYCH531 Org Psych - Org Psych 3.0

PSYCH540 Personality Theory - Personality Theory 3.0

PSYCH550 Theory & Research in Soc Psy - Theory & Research in Soc Psy 3.0

PSYCH552 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH555 Group Dynamics - Group Dynamics 3.0

PSYCH560 Learning Theory - Learning Theory 3.0

PSYCH565 Motivational Psychology - Motivational Psychology 3.0

PSYCH575 Cognitive&Affective Processes - Cognitive&Affective Processes 3.0

PSYCH578R Sem in Mathematical Psychology - Sem in Mathematical Psychology - *You may take once* 3.0

PSYCH583 Health Psychology - Health Psychology 3.0

PSYCH584 Cognition & Brain Function - Cognition & Brain Function 3.0

PSYCH585 Neuro/Biol Bases of Behavior - Neuro/Biol Bases of Behavior 3.0

PSYCH586 Horm Behav - Horm Behav 3.0

PSYCH587 Sensory & Perceptual Processes - Sensory & Perceptual Processes 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

Option 2.2 — Complete up to 3 hours

PSYCH101 Orientation to Psych Major - Orientation to Psych Major 1.0

PSYCH140 TA Training - TA Training 1.0

PSYCH200 Preparing for Graduate School - Applying to Graduate School 1.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH212R Special Topics in Psychology - Special Topics in Psychology - *You may take once* 0.5v

PSYCH220 Human Dev: Life Span - Human Dev: Life Span 3.0

Psychology (BS)

Program Information

Minimum Credit Hours
52

Maximum Credit Hours
52

Major Academic Plan
MAPS - BS in Psychology 2026-2027.docx

Learning Outcomes

Title
A. Knowledge of the Discipline

Learning Outcome
Students will be able to recognize and articulate basic fundamental knowledge of major psychological concepts, perspectives, and historical trends. Students will be able to apply psychological concepts in order to solve personal and social issues.

Title
B. Effective Research and Writing

Learning Outcome
Understand and apply basic research methods in psychology including data analysis and interpretation, research design, psychometric methods, and the writing of results in the light of previous findings. (Competency Outcome)

Title
C. Experiential Learning

Learning Outcome
Apply the principles of psychology in an internship setting (399R), a teaching (410R) or community service setting (420R), or in a mentored-research setting (430R) before graduation.

Program Requirements

At least 36 of the total major credits must be 300-level or above. (Students can enroll in 500-level courses on a space-available basis.)

The Psychology Department requires a minimum of 23 hours of psychology major credit to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

A maximum of 15 hours may be taken as Independent Study (only 8 of which may count as departmental residence hours).

Requirement 1 —Complete 5 Courses

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

PSYCH310 Research Design & Analysis - Research Design & Analysis 3.0

Note: All students are encouraged to take Psych 101: Orientation to the Psychology Major. Students considering application to graduate study are strongly encouraged to take Psych 200.

Requirement 2 — Complete 1 of 2 Courses

Psych 310 is a prerequisite for Psych 312R and Psych 313.

PSYCH312R Advanced Methods - Advanced Methods - *You may take once* 3.0

PSYCH313 Psychometrics - Psychometrics 3.0

Requirement 3 — Complete 1 of 3 Courses

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

Requirement 4 — Complete 1 of 2 Courses

PSYCH342 Psychopathology - Abnormal Psychology 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

Requirement 5 — Complete 3 Courses

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

PSYCH375 Cognition - Cognition 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

Requirement 6 — Complete 1 of 2 Courses

Health & Well-being issues courses:

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

Requirement 7 — Complete 1 of 4 Courses

Multicultural issues courses:

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

SFL354 Cross-Cultural Fam & Hum Dev - Cross-Cultural Fam & Hum Dev 3.0

SOC113 Multicultural America - Multicultural America 3.0

Requirement 8 — Complete 1 of 4 Courses

Gender issues courses:

GWS222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

POLI472 Intrnl Political Econ of Women - Intrnl Political Econ of Women 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

Requirement 9 —Complete 6 hours

Complete 6 credit hours of elective courses not completed above.

PSYCH305 Multicultural Psychology - Multicultural Psychology 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH311 Critical Issues in Psychology - Critical Issues in Psychology 3.0

PSYCH312R Advanced Methods - Advanced Methods - *You may take once* 3.0

PSYCH313 Psychometrics - Psychometrics 3.0

PSYCH321 Develpmntl Psych: Adolescence - Develpmntl Psych: Adolescence 3.0

PSYCH322 Developmental Psych: Adulthood - Developmental Psych: Adulthood 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH343 Child Psychopathology - Child Psychopathology 3.0

PSYCH345 Mediation+Conflict Resolution - Mediation+Conflict Resolution 3.0

PSYCH348 Clinical Psychology - Clinical Psychology 3.0

PSYCH349 Intro to Positive Psychology - Intro to Positive Psychology 3.0

PSYCH352 Applied Social Psychology - Applied Social Psychology 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH354 Psychology of Religion - Psychology of Religion 3.0

PSYCH356 Intro to Health Psychology - Intro to Health Psychology 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH370 Sensation and Perception - Sensation and Perception 3.0

PSYCH377 Cognitive Neurosci of Memory - Cognitive Neurosci of Memory 3.0

PSYCH382 Stress Psychobiology - Stress Psychobiology 3.0

PSYCH387 Intro to Primate Behavior - Intro to Primate Behavior 3.0

PSYCH388 Drugs, Reward and Addiction - Drugs, Reward and Addiction 3.0

PSYCH390R Special Topics in Psychology - Special Topics in Psychology - *You may take once* 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC W331 Social Welfare Policy - Social Welfare Policy 3.0

SOC W360 Social Wk Practice/Individuals - Social Wk Practice/Individuals 3.0

Requirement 10 —Complete 1 of 4 Courses

Capstone seminars.

PSYCH410R Capstone: Teaching Assistant - Capstone: Teaching Assistant 1.0v

PSYCH420R Capstone: Comms & Tech - Capstone: Comms & Tech 3.0

PSYCH430R Capstone: Research - Capstone: Research 3.0

PSYCH496R Capstone: Internship - Capstone: Internship 0.5v

To enroll in capstone seminars, students must have completed Requirements 1 and 8. Students must also have 90+ credit hours.

General Studies (BGS): Psychology Emphasis

Program Information

Minimum Credit Hours
33

Maximum Credit Hours
33

Major Academic Plan
MAPS - BGS in General Studies - Psychology 2026-2027.docx

Learning Outcomes

Title
Psychology Theory

Learning Outcome
Identify the major theoretical approaches in psychology & how they apply to human behavior

Title
BGS General Learning Outcome - Aims of a BYU Education

Learning Outcome
Describe how their coursework in the BGS program has contributed to the aims of a BYU education: Spiritually strengthening Character building Intellectually enlarging Preparing for lifelong learning and service.

Title
Human Development

Learning Outcome
Identify the stages of human development & factors that influence it

Title
Psychological Science and the Gospel of Jesus Christ

Learning Outcome
Describe possible connections between psychological science & the principles and values of the restored gospel of Jesus Christ

Program Requirements

Have 27 hours of campus residency.

Complete a minimum of 10 hours in the emphasis after formal admission to the BGS program.

Thirty of the 120 hours including 15 hours in the emphasis must be 300-level or above courses.

Students must earn a minimum 2.0 BYU grade point average, a minimum 2.0 cumulative grade point average, and a minimum 2.0 emphasis grade point average.

The program must be completed in eight years or less.

All emphasis courses taken after admission to BGS must be BYU courses.

Requirement 1 —Complete 1 Course

Prerequisite course (must be completed before taking any other courses, includeds preparing academic plan which must be approved before proceeding):

STDEV100 Essential College Skills - Essential College Skills 1.0

Requirement 2 —Complete 2 Requirements

Core courses:

Requirement 2.1 —Complete 5 Courses

PSYCH111 Psychological Science - Psychological Science 3.0

PSYCH210 History of Psychology - History of Psychology 3.0

PSYCH308 Psychological Statistics - Psychological Statistics 4.0

PSYCH350 Intro to Social Psychology - Intro to Social Psychology 3.0

PSYCH381 Behavioral Neurobiology - Behavioral Neurobiology 3.0

Requirement 2.2 —Complete 1 of 2 Courses

PSYCH320 Developmental Psych: Childhood - Developmental Psych: Childhood 3.0

PSYCH342 Psychopathology - Psychopathology 3.0

Requirement 3 —Complete 11 hours

Complete 11 hours from the following (including any courses not used for core above). BYU undergraduate courses (including Salt Lake Center classes) in psychology may be used to fill emphasis electives.

ANTHR101 Culture and Human Experience - Culture and Human Experience 3.0

PSYCH306 Psychology of Gender - Psychology of Gender 3.0

PSYCH307 Writing Within Psychology - Writing Within Psychology 3.0

PSYCH330 Organizational Psychology - Organizational Psychology 3.0

PSYCH338 Sport Psychology - Sport Psychology 3.0

PSYCH341 Personality - Personality 3.0

PSYCH353 Restored Gospel and Psychology - Latter-day Saint Perspectives 3.0

PSYCH358 Leadership Development - Leadership Development 3.0

PSYCH 361 - Principles of Learning 3.0 - *This course is no longer available*

PSYCH 365 - Motivation 3.0 - *This course is no longer available*

Requirement 4 —Complete 1 Course

Complete a capstone experience (last course to be completed):

STDEV490 BGS Capstone - BGS Capstone 2.0

Sociology (Minor)

Program Information

Minimum Credit Hours
15

Maximum Credit Hours
15

Learning Outcomes

Title
Apply the sociological perspective

Learning Outcome
Students will explain the social dimensions of individuals, families, groups, communities, organizations, and societies, apply sociological theories to individual or collective phenomena, and communicate about them effectively.

Title
Navigate diversity

Learning Outcome
Students will describe a diversity of perspectives on race, class, and/or gender in local and global contexts, apply those perspectives to individual or collective phenomena, and communicate about them effectively.

Program Requirements

Requirement 1 —Complete 1 of 3 Courses

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC113 Multicultural America - Multicultural America 3.0

Requirement 2 — Complete 1 of 4 Courses

Social diversity and inequality courses:

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

Requirement 3 — Complete 9 hours

(No double counting within the minor is allowed). Note: Students interested in a sociology minor that emphasizes the research and analysis component of the major may select among the following courses as electives: Soc 300, 307, 404, or 405. Students are cautioned that Soc 404 and 405 have several prerequisites, which will require additional courses beyond the 15 hour minimum for a minor. Soc 307 is currently open only to majors; students interested in the sociology minor may add the course with the instructor's consent.

NURS333 End-of-Life Care - End-of-Life Care 3.0

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

SOC301 Applied Social Rsrch Methods - Applied Social Rsrch Methods 3.0

SOC302 Evaluation Research - Evaluation Research 3.0

SOC307 Data Analysis & Presentation - Data Analysis & Presentation 3.0

SOC310 Social Inquiry - Social Inquiry 3.0

SOC311 Contemporary Soc Theory - Contemporary Soc Theory 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

SOC221 Innovation, AI, and Society - Innovation, AI, and Society 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC325 Intro to Sociology of Religion - Intro to Sociology of Religion 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC 327 - Soc of LDS Church & People 3.0 - *This course is no longer offered.*

SOC228 Sociology of Sport - Sociology of Sport 3.0

SOC329 Medical Sociology - Medical Sociology 3.0

SOC330 Cultural Sociology - Cultural Sociology 3.0

SOC339 Social Orgnztn & Change - Social Orgnztn & Change 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

SOC365 Sociology of Aging - Sociology of Aging 2.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC380 Deviance & Social Control - Deviance & Social Control 3.0

SOC283 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

SOC399R Academic Internship - Academic Internship - *You may take once* 0.5v

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

SOC420 Understanding Modern Societies - Understanding Modern Societies 3.0

SOC421 Sociology of Organizations - Sociology of Organizations 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

SOC423 Sociology of Immigration - Sociology of Immigration 3.0

SOC424 Political Sociology - Political Sociology 3.0

SOC425 Markets & Society - Markets & Society 3.0

SOC426 Sociology of Work & Occupation - Sociology of Work & Occupation 3.0

SOC450 The Family & Social Change - The Family & Social Change 3.0

SOC455R Senior Experience Part 1 - Senior Experience Part 1 - *You may take once* 3.0

SOC456R Senior Experience Part 2 - Senior Experience Part 2 - *You may take once* 3.0

SOC460 Issues in Family Sociology - Issues in Family Sociology 3.0

SOC481 Crime, Justice, & Corrections - Crime, Justice, & Corrections 3.0

SOC490R Special Topics in Sociology - Special Topics in Sociology - *You may take once* 1.0v

SOC495R Directed Reading in Sociology - Directed Reading in Sociology - *You may take once* 1.0v

SOC497R Directed Research in Sociology - Directed Research in Sociology - *You may take once* 1.0v

SOC524 Politicl Sociology - Political Sociology 3.0

SOC525 Sociology of Religion - Sociology of Religion 2.0

SOC 527 - LDS Church & People 3.0 - *This course is no longer offered.*

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC565 Individual & Fam in Later Yr - Individual & Fam in Later Yr 3.0

SOC590R Special Topics - Special Topics - *You may take once* 0.5v

SOC595R Directed Readings - Directed Readings - *You may take once* 0.5v

SOC598R Pro-Seminar - Pro-Seminar - *You may take once* 1.0

Sociology (BS)

Program Information

Minimum Credit Hours
47

Maximum Credit Hours
52

Major Academic Plan
MAPS - BA in Sociology 2026-2027.docx

Learning Outcomes

Title
Apply the sociological perspective

Learning Outcome
Graduates will explain the social dimensions of individuals, families, groups, communities, organizations, and societies, apply sociological theories to individual or collective phenomena, and communicate about them effectively.

Title
Navigate diversity

Learning Outcome
Graduates will describe a diversity of perspectives on race, class, and/or gender in local and global contexts, apply those perspectives to individual or collective phenomena, and communicate about them effectively.

Title
Research proficiently

Learning Outcome
Graduates will use qualitative and quantitative research methods (e.g., interviews, focus groups, surveys, coding, statistical modeling), apply them to answer questions, and communicate about them effectively.

Title
Be prepared for post-graduation life

Learning Outcome
Graduates will be ready for graduate school or careers by participating in experiential learning opportunities as students.

Title
Live faithfully

Learning Outcome
Graduates will be prepared spiritually for their personal and professional pursuits by integrating faith and reason in their academic studies.

Program Requirements

The Sociology Department requires a minimum of 24 hours of sociology major courses to be taken in residence at BYU for this degree program. These hours may also go toward BYU's 30-hour residency requirement for graduation.

Requirement 1 —Complete 1 of 3 Courses

Introductory courses (to be completed preferably in sophomore year or earlier):

SOC111 Introductory Sociology - Introductory Sociology 3.0

SOC112 Current Social Problems - Current Social Problems 3.0

SOC113 Multicultural America - Multicultural America 3.0

Requirement 2 —Complete 5 Courses

Core courses:

SOC200 Professional Dev in Sociology - Professional Dev in Sociology 1.0

SOC300 Methods of Research in Soc - Methods of Research in Soc 3.0

SOC307 Data Analysis & Presentation - Data Analysis & Presentation 3.0

SOC310 Social Inquiry - Social Inquiry 3.0

STAT121 Intro to Stat Data Analysis - Intro to Stat Data Analysis 3.0

Note: Students must declare a sociology major before registering for Soc 307; students must complete these four courses with a C- or better grade.

Requirement 3 —Complete 1 of 4 Courses

Diversity courses:

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC367 Soc of Gender - Soc of Gender 3.0

Requirement 4 —Complete 1 of 2 Courses

Advanced methods courses:

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

Requirement 5 —Complete 1 of 2 Options

Complete one of the following options in order to fulfill the GE Advabced Written and Oral Communication requirement:

Option 5.1 —Complete 2 Courses

SOC455R Senior Experience Part 1 - Senior Experience Part 1 - *You may take once* 3.0

SOC456R Senior Experience Part 2 - Senior Experience Part 2 - *You may take once* 3.0

Option 5.2 —Complete 1 Course

WRTG312 Persuasive Writing - Persuasive Writing 3.0

Requirement 6 —Complete 6 hours

SOC420 Understanding Modern Societies - Understanding Modern Societies 3.0

SOC421 Sociology of Organizations - Sociology of Organizations 3.0

SOC422 Inequality & Society - Inequality & Society 3.0

SOC423 Sociology of Immigration - Sociology of Immigration3.0

SOC424 Political Sociology - Political Sociology 3.0

SOC425 Markets & Society - Markets & Society 3.0

SOC426 Sociology of Work & Occupation - Sociology of Work & Occupation 3.0

SOC450 The Family & Social Change - The Family & Social Change 3.0

SOC460 Issues in Family Sociology - Issues in Family Sociology 3.0

SOC481 Crime, Justice, & Corrections - Crime, Justice, & Corrections 3.0

SOC490R Special Topics in Sociology - Special Topics in Sociology - *You may take once* 1.0v

Requirement 7 —Complete 18 hours

Complete 18 credit hours of 300-level or above Sociology courses. (No double counting within the major is allowed.)

Option 7.1 —Complete 18 hours

NURS333 End-of-Life Care - End-of-Life Care 3.0

SOC W200 Intro to Social Work - Intro to Social Work 3.0

SOC222 Intro Global Women's Studies - Intro Global Women's Studies 3.0

SOC301 Applied Social Rsrch Methods - Applied Social Rsrch Methods 3.0

SOC302 Evaluation Research - Evaluation Research 3.0

SOC311 Contemporary Soc Theory - Contemporary Soc Theory 3.0

SOC318 Adol Dev Fam & Soc - Adol Dev Fam & Soc 3.0

SOC221 Innovation, AI, and Society - Innovation, AI, and Society 3.0

SOC322 Class Inequality - Class Inequality 3.0

SOC223 Sociology of Race & Ethnicity - Sociology of Race & Ethnicity 3.0

SOC325 Intro to Sociology of Religion - Intro to Sociology of Religion 3.0

SOC326 Sociology of Education - Sociology of Education 3.0

SOC 327 - Soc of LDS Church & People - *This class is no longer available for registration.* 3.0

SOC228 Sociology of Sport - Sociology of Sport 3.0

SOC329 Medical Sociology - Medical Sociology 3.0

SOC330 Cultural Sociology - Cultural Sociology 3.0

SOC339 Social Orgnztn & Change - Social Orgnztn & Change 3.0

SOC340 Soc of International Develpmnt - Soc of International Develpmnt 3.0

SOC345 World Populations - World Populations 3.0

SOC350 Intro to Social Psychology - Intro to Social Psychology 3.0

SOC360 Intro to Family Sociology - Intro to Family Sociology 3.0

SOC361 Theoretical Foundations Family - Theoretical Foundations Family 3.0

SOC365 Sociology of Aging - Sociology of Aging 2.0

SOC367 Soc of Gender - Soc of Gender 3.0

SOC370 Urban Sociology - Urban Sociology 3.0

SOC380 Deviance & Social Control - Deviance & Social Control 3.0

SOC283 Juvenile Delinquency - Juvenile Delinquency 3.0

SOC390R Special Topics - Special Topics - *You may take once* 0.5v

SOC399R Academic Internship - Academic Internship - *You may take once* 0.5v

SOC404 Qualitative Research Methods - Qualitative Research Methods 3.0

SOC405 Regression Analysis - Regression Analysis 3.0

SOC423 Sociology of Immigration - Sociology of Immigration 3.0

SOC495R Directed Reading in Sociology - Directed Reading in Sociology - *You may take once* 1.0v

SOC497R Directed Research in Sociology - Directed Research in Sociology - *You may take once* 1.0v

SOC524 Politicl Sociology - Politicl Sociology 3.0

SOC525 Sociology of Religion - Sociology of Religion 2.0

SOC 527 - LDS Church&People - *This class is no longer available for registration.* 3.0

SOC528 Sociology of Rural Communities - Sociology of Rural Communities 3.0

SOC565 Individual & Fam in Later Yr - Individual & Fam in Later Yr 3.0

SOC590R Special Topics - Special Topics - *You may take once* 0.5v

SOC595R Directed Readings - Directed Readings - *You may take once* 0.5v

SOC598R Pro-Seminar - Pro-Seminar - *You may take once* 1.0

Students are strongly encouraged to participate in one or two semesters (up to 9 credit hours) of professional experience including academic internships (on-campus, domestic, or international) and research with a faculty member (Soc 497R). Students may apply up to a total of 9 professional experience credit hours toward the sociology elective requirement. Suggested courses include MSB 494R (On-Campus Experiential Projects), IAS 397R (Topics in IAS), IAS 399R (Academic Internship: International), Poli 399R (Academic Internship), Soc 399R (Academic Internship), Soc 497R (Directed Research in Sociology).

Economics (Minor)

Program Information

Minimum Credit Hours
18

Maximum Credit Hours
18

Learning Outcomes

Title
Economic Problem Solving

Learning Outcome
Conceptualize a wide range of constrained optimization problems in economics and related fields and apply formal mathematical analysis to evaluate these problems.

Title
Econometric Analysis

Learning Outcome
Use data to estimate behavioral models, test hypotheses, and measure quantitative relationships; apply mathematical statistics to econometric analysis.

Title
Career Preparation

Learning Outcome
Qualify for careers in economics, business, finance, law, public policy, and related disciplines.

Title
Graduate Studies Preparation

Learning Outcome
Qualify to pursue graduate studies in economics, business, finance, law, public policy, and related disciplines.

Program Requirements

Requirement 1 — Complete 3 Courses

Complete the following with a grade of C- or better.

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

Econ 378 & 380 require Math 112 as a prerequisite. Math 112 must be completed with a grade of C- or above.

Requirement 2 — Complete 9 hours

ECON199R Academic Internship - Academic Internship - *You may take once* 0.5v

ECON210 Career Prep - Career Prep 1.0

ECON213R Topics Econ Analys - Topics Econ Analys - *You may take once* 0.5v

ECON230 Econ Development & Growth - Econ Development & Growth 3.0

ECON257 Intrnl Trade & Fin - Intrnl Trade & Fin 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON413R Topics in Economic Theory - Topics in Economic Theory - *You may take once* 0.5v

ECON420 Antitrust Law&Reg - Antitrust Law&Reg 3.0

ECON421 Law and Economics - Law and Economics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON442 Behavioral Economics - Behavioral Economics 3.0

ECON450 Financial Economics - Financial Economics 3.0

ECON453 Monetary Theory & Policy - Monetary Theory & Policy 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON463 Economics of the Labor Market - Economics of the Labor Market 3.0

ECON465 Health Economics - Health Economics 3.0

ECON468 Urban Economics - Urban Economics 3.0

ECON474 Topics in Economic History - Topics in Economic History 3.0

ECON475 Public Economics - Public Economics 3.0

ECON476 Industrial Organization - Industrial Organization 3.0

ECON477 Political Economics - Political Economics 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON 482 - Welfare Economics - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON484 Machine Learning for Econ - Machine Learning for Econ 3.0

ECON 486 - Mathematical Economics - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON 488 - Applied Econometrics 3.0

ECON490 Senior Paper - Senior Paper 1.0

ECON498R Readings in Economics - Readings in Economics - *You may take once* 0.5v

ECON580 Advanced Micro Theory 1 - Advanced Micro Theory 1 3.0

ECON581 Adv Macroeconomics - Adv Macroeconomics 3.0

ECON582 Advanced Micro Theory 2 - Advanced Micro Theory 2 3.0

ECON 586 - Adv Mathematics for Economists - *This course is no longer available for registration and will count only if you completed it while it was offered. Please see your college advisement center for possible substitutions.* 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

ECON599R Academic Internship - Academic Internship - *You may take once* 0.5v

Economics (BS)

Program Information

Minimum Credit Hours
38

Maximum Credit Hours
39

Major Academic Plan
MAPS - BS in Economics 2026-2027.docx

Learning Outcomes

Title
Preparation for Graduate Studies

Learning Outcome
Program graduates will be prepared and qualified to pursue graduate studies in economics, business, finance, law, public policy and related disciplines.

Title
Career Preparation

Learning Outcome
Program graduates will be prepared and qualified to pursue careers in economics, business, finance, law, public policy and related disciplines.

Title
Economic Problem Solving

Learning Outcome
Program graduates will be able to conceptualize a wide range of constrained optimization problems in economics and related fields and will be able to apply formal mathematical analysis to evaluate these problems.

Title
Econometric Analysis

Learning Outcome
Program graduates will be able to conduct basic econometric analysis including using data to estimate behavioral models, test hypotheses and measure quantitative relationships; they will have a basic understanding of mathematical statistics that underlies applied econometric analysis.

Program Requirements

Requirement 1 — Complete 1 Requirement

Requirement 1.1 —Complete 1 of 2 Courses

Note: A grade of C- or better is required.

MATH112 Calculus 1 - Calculus 1 4.0

MATH113 Calculus 2 - Calculus 2 4.0

Note 1: Deferred students are encouraged to take a refresher math course such as EngT 295R before or concurrent with Econ 378, 380, or 381.

Note 2: For students contemplating graduate work in economics, the 500-level economics courses plus Math 113, 213, 215, and 314 are strongly recommended.

Note 3: Students may take the Math 112 challenge exam to satisfy the Math 112 requirement. Please visit the Mathematics Department for more information.

Requirement 2 — Complete 1 of 3 Courses

ECON210 Career Prep - Career Prep 1.0

STDEV317 Job Search Strategies - Job Search Strategies 2.0

STDEV318 Graduate School Preparation - Graduate School Preparation 2.0

Requirement 3 —Complete 7 Courses

Complete the following with a grade of C- or better:

ECON110 Econ Principles & Problems - Econ Principles & Problems 3.0

ECON378 Statistics for Economists - Statistics for Economists 3.0

ECON380 Intermediate Micro Theory 1 - Intermediate Micro Theory 1 3.0

ECON381 Intermed Macroeconomics - Intermed Macroeconomics 3.0

ECON382 Intermediate Micro Theory 2 - Intermediate Micro Theory 2 3.0

ECON388 Intro to Econometrics - Intro to Econometrics 3.0

ECON398 Applied Econometrics - Applied Econometrics 3.0

Requirement 4 —Complete 12 hours

Complete 12 credit hours from the following courses:

ECON413R Topics in Economic Theory - Topics in Economic Theory - *You may take 5 times* 0.5v

ECON420 Antitrust Law&Reg - Antitrust Law&Reg 3.0

ECON421 Law and Economics - Law and Economics 3.0

ECON431 Economic Development - Economic Development 3.0

ECON432 Economic Growth - Economic Growth 3.0

ECON440 Natrl Resources & Envir Econ - Natrl Resources & Envir Econ 3.0

ECON442 Behavioral Economics - Behavioral Economics 3.0

ECON450 Financial Economics - Financial Economics 3.0

ECON453 Monetary Theory & Policy - Monetary Theory & Policy 3.0

ECON458 International Trade Theory - International Trade Theory 3.0

ECON459 International Monetary Theory - International Monetary Theory 3.0

ECON461 Economics of Education - Economics of Education 3.0

ECON463 Economics of the Labor Market - Economics of the Labor Market 3.0

ECON465 Health Economics - Health Economics 3.0

ECON468 Urban Economics - Urban Economics 3.0

ECON474 Topics in Economic History - Topics in Economic History 3.0

ECON475 Public Economics - Public Economics 3.0

ECON476 Industrial Organization - Industrial Organization 3.0

ECON477 Political Economics - Political Economics 3.0

ECON478 Game Theory & Economics - Game Theory & Economics 3.0

ECON484 Machine Learning for Econ - Machine Learning for Econ 3.0

ECON580 Advanced Micro Theory 1 - Advanced Micro Theory 1 3.0

ECON581 Adv Macroeconomics - Adv Macroeconomics 3.0

ECON582 Advanced Micro Theory 2 - Advanced Micro Theory 2 3.0

ECON588 Advanced Econometrics - Advanced Econometrics 3.0

Aerospace Studies (Minor)

Program Information

Minimum Credit Hours
16

Maximum Credit Hours
16

Program Requirements

Requirement 1 — Complete 8 Courses

AEROS110 DAF Professionalism - DAF Professionalism 1.0

AEROS111 DAF Professionalism - DAF Professionalism 1.0

AEROS210 Team/Leadership Fundamentals - Team/Leadership Fundamentals 1.0

AEROS211 Team/Leadership Fundamentals - Team/Leadership Fundamentals 1.0

AEROS310 Leading and Communication - Leading and Communication 3.0

AEROS311 Leading and Communication - Leading and Communication 3.0

AEROS410 National Security Role - National Security Role 3.0

AEROS411 National Security Role - National Security Role 3.0

Note: The requirements listed here are designed for university students interested in Aerospace Studies who are NOT in the Air Force ROTC or seeking a commission. Those who ARE in the Air Force ROTC and are seeking a commission should meet with advisors to discuss requirements.

Military Science (Minor)

Program Information

Minimum Credit Hours
19

Maximum Credit Hours
19

Program Requirements

Requirement 1 — Complete 4 Courses

MIL S320 Adaptive Team Leadership - Adaptive Team Leadership 4.0

MIL S321 Ldrshp in Changing Environmnts - Ldrshp in Changing Environmnts 4.0

MIL S420 Developing Adaptive Leaders - Developing Adaptive Leaders 4.0

MIL S421 Leadership in Complex World - Leadership in Complex World 4.0

Requirement 2 — Complete 1 Course

HIST220 U S Through 1877 - U S Through 1877 3.0

HIST221 U S Since 1877 - U S Since 1877 3.0

HIST293 WW II in History & Memory - WW II in History & Memory 3.0

HIST371 Revolutionary Amer- Revolutionary Amer 3.0

HIST373 Civil War Era - Civil War Era 3.0

HIST374 US Hist, 1890-1945 - US Hist, 1890-1945 3.0

HIST376 US Hist, 1945-2000 - US Hist, 1945-2000 3.0

HIST391 The Vietnam War - The Vietnam War 3.0

All Courses

A HTG 100 - American Heritage

Course Information

Teaching Area (new)
A HTG

Course Number
100

Teaching Area
A HTG

Course Title
American Heritage

Course Description
Synthesis of American constitutional and economic principles, and patterns of historical development.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Active Citizens

Tags
185990, 3

Learning Outcome
Become better informed, more active citizens.

Title
Historical Context

Tags
185987, 1

Learning Outcome
Explain the historical context within which the Founders' constitutionalism relates to more recent concerns of democracy and rights

Title
Origins of the Constitution

Tags
185988, 1

Learning Outcome
Understand the religious, historical, political and economic origins of the Constitution

Title
Apply knowledge

Tags
185989, 2

Learning Outcome
Apply their knowledge of the Constitution to analyze major historical, political and economic issues.

ACC 200 - Principles of Accounting

Course Information

Teaching Area (new)
ACC

Course Number
200

Teaching Area
ACC

Course Title
Principles of Accounting

Course Description
Financial and managerial accounting principles. Basic accounting statements, processes, and management applications. Open to all students.

Department
Accountancy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
ACC 200 is a hybrid BYU online and in-class course. Lecture will be held once a week, augmented by online material. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/ACC-200-M001.

Learning Outcomes

Title
Christlike Leadership and Character Development

Tags
181294, 0, 2

Learning Outcome
Apply the Marriott Values to class and peer interactions to improve learning and the experience in ACC 200 for yourself and others.

Title
Excellence in Technical Knowledge

Tags
175042, 7

Learning Outcome
a. Interpret and analyze the primary financial statements, including the balance sheet, income statement, statement of cash flows, and statement of equity. b. Use internal accounting tools such as product costing, cost-profit-volume analysis, decision making, budgeting, and data analyses to understand how to make better business management decisions.

Title
Integrity in Action

Tags
175047, 6

Learning Outcome
Manage workload in a self-paced learning environment by meeting regular deadlines.

ACC 201 - Principles of Financial Accounting

Course Information

Teaching Area (new)
ACC

Course Number
201

Teaching Area
ACC

Course Title
Principles of Financial Accounting

Course Description
First course in concepts and methods underlying financial statements.

Department
Accountancy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Internal Accounting Tools

Tags
174921, 1

Learning Outcome
Construct and use internal accounting tools such as budgets, product cost reports, breakeven analysis, and non-routine decision analyses.

Title
Financial Statements

Tags
174930, 0

Learning Outcome
Construct and interpret a balance sheet and income statement.

Title
Managing Workloads

Tags
174971, 6

Learning Outcome
Manage workload in a self-paced learning environment.

Title
Ethical Dimensions of Business Problems

Tags
174998, 4

Learning Outcome
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

Title
Computer-Aided Tools

Tags
175000, 5

Learning Outcome
Use computer-aided learning tools and online learning resources.

Title
Financial Accounting Rules

Tags
175031, 3

Learning Outcome
Apply the financial accounting rules that exist in the following areas: revenue recognition, inventory, compensation, long-term assets, bonds, and leases.

Title
Analyzing Transactions

Tags
175034, 2

Learning Outcome
Analyze transactions, record those transactions, and then use the accounting cycle to generate accounting reports.

ACC 202 - Principles of Managerial Accounting

Course Information

Teaching Area (new)
ACC

Course Number
202

Teaching Area
ACC

Course Title
Principles of Managerial Accounting

Course Description
Second course in the elementary series covering managerial problems and control of business operations.

Department
Accountancy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 201 - Principles of Financial Accounting

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Analyzing Transactions

Tags
174928, 2

Learning Outcome
Analyze transactions, record those transactions, and then use the accounting cycle to generate accounting reports.

Title
Computer-Aided Learning Tools

Tags
174953, 5

Learning Outcome
Use computer-aided learning tools and online learning resources.

Title
Managing Workloads

Tags
174974, 6

Learning Outcome
Manage workload in a self-paced learning environment.

Title
Statement of Cash Flows

Tags
174990, 0

Learning Outcome
Construct and interpret a statement of cash flows, including operating cash flows, investing cash flows, and financing cash flows.

Title
Internal Accounting Tools

Tags
175004, 1

Learning Outcome
Construct and use internal accounting tools such as budgets, product cost reports, breakeven analysis, and nonroutine decision analyses.

Title
Ethics in Business

Tags
175008, 4

Learning Outcome
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

Title
Financial Accounting Rules

Tags
175010, 3

Learning Outcome
Apply the financial accounting rules that exist in the area of inventory for a manufacturing company.

ACC 241 - Business Law in the Environment

Course Information

Teaching Area (new)
ACC

Course Number
241

Teaching Area
ACC

Course Title
Business Law in the Environment

Course Description
Introduction to legal principles and institutions affecting business.

Department
Accountancy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marriott School of Management major status

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Sources, Courts, Jurisdiction, Crimes, and Torts

Tags
175048, 0

Learning Outcome
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for the following topics: sources of law, courts and their procedures, jurisdiction, crimes, and torts.

Title
Ethical Principles

Tags
175049, 3

Learning Outcome
Apply ethical principles to legal problems.

Title
Contract Formation, Defects in Agreement, Statue of Frauds, Parole Evidence rule and Third Party Rights

Tags
175050, 1

Learning Outcome
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for: contract formation, defects in agreement, the statute of frauds and the parole evidence rule, third party rights, and breach/ remedies.

Title
Agency Formation and Termination, Partnerships, LLC's, Corporate Formation and Operation

Tags
175051, 2

Learning Outcome
Demonstrate a working knowledge of and the ability to analyze issues of law applied to relevant facts for: agency formation and termination, partnerships, LLC's, and corporate formation and operation.

ACC 300 - Introduction to Accounting 2

Course Information

Teaching Area (new)
ACC

Course Number
300

Teaching Area
ACC

Course Title
Introduction to Accounting 2

Course Description
Additional issues in financial and managerial accounting. Review of issues related to balance sheet accounts, performance evaluation and capital budgeting.

Department
Accountancy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting

Note
For non-business majors. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Learning Objective

Tags
175085, 0, 1

Learning Outcome
Construct and interpret both a balance sheet and income statement that include elements more advanced than the basic items typically introduced in the first accounting course.

Title
Learning Objective

Tags
175086, 0, 2

Learning Outcome
Construct and interpret a statement of cash flows.

Title
Learning Objective

Tags
175087, 0, 3

Learning Outcome
Apply the financial accounting rules that exist in the following areas:
a. Revenue recognition
b. Inventory
c. Long-term assets
d. Bonds
e. Leases
f. Stockholders' equity
g. Investment securities

Title
Learning Objective

Tags
175088, 0, 4

Learning Outcome
Employ the time value of money in a financial accounting context.

Title
Learning Objective

Tags
175089, 0, 5

Learning Outcome
Apply managerial accounting concepts in the following areas:
a. Use the concepts of financial leverage and operating leverage to assess a company's riskiness.
b. Perform cost-volume-profit analysis using regresssion to identify the fixed and variable components of a mixed cost and in multiple-product settings.
c. Track product costs through a manufacturing process.
d. identify problems through the use of cost variance analysis.

Title
Learning Objective

Tags
175090, 0, 6

Learning Outcome
Independently manage time and workload for a variety of tasks.

ACC 310 - Principles of Accounting 2

Course Information

Teaching Area (new)
ACC

Course Number
310

Teaching Area
ACC

Course Title
Principles of Accounting 2

Course Description
Additional issues in financial and managerial accounting. Review of issues related to balance sheet accounts, performance evaluation and capital budgeting.

Department
Accountancy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting

Note
For accounting major applicants.

Learning Outcomes

Title
Learning Outcome

Tags
175007, 0, 0

Learning Outcome
Construct and interpret both a balance sheet and income statement that include elements more advanced than the basic items introduced in Acc 200.

Title
Learning Outcome

Tags
174980, 0, 3

Learning Outcome
Employ the time value of money in a financial accounting context.

Title
Learning Outcome

Tags
174982, 0, 4

Learning Outcome
Apply managerial accounting concepts in the following areas:
a. Use the concepts of financial leverage and operating leverage to assess a company's riskiness.
b. Perform cost-volume-profit analysis using regresssion to identify the fixed and variable components of a mixed cost and in multiple-product settings.
c. Track product costs through a manufacturing process (including use of process costing).
d. identify problems through the use of cost variance analysis.

Title
Learning Outcome

Tags
174914, 0, 1

Learning Outcome
Construct and interpret a statement of cash flows.

Title
Learning Outcome

Tags
174951, 0, 2

Learning Outcome
Apply the financial accounting rules that exist in the following areas:
a. Revenue recognition (including SAB 101)
b. Inventory
c. Long-term assets (including impairment)
d. Bonds
e. Leases (including the financial ratio impact of operating leases)
f. Stockholders' equity (including accumulated other comprehensive income)
g. Investment securities (including use of the market adjustment account)

Title
Learning Outcome

Tags
174959, 0, 9

Learning Outcome
Construct and use simple Excel spreadsheets in a variety of business settings.

Title
Learning Outcomes

Tags
175017, 0, 13

Learning Outcome
Independently manage time and workload for a variety of tasks.

ACC 401 - Business and Accounting Information Systems

Course Information

Teaching Area (new)
ACC

Course Number
401

Teaching Area
ACC

Course Title
Business and Accounting Information Systems

Course Description
Study of inputs, processing, outputs, and files of several transaction-processing subsystems. Foundation for understanding internal control. Variety of tools used to design, create, or document accounting information systems (AIS) to achieve organizational objectives.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy

Learning Outcomes

Title
Business Processes and Report Control Deficiencies

Tags
175052, 0

Learning Outcome
Analyze a set of business processes and report control deficiencies

Title
Model Data Relations

Tags
175054, 2

Learning Outcome
Model data relations required to support an accounting information system

Title
Communicate Effectively

Tags
175055, 3

Learning Outcome
Communicate effectively both in writing and in presentations

Title
Use Technology Effectively

Tags
175056, 4

Learning Outcome
Use technology effectively in solving business problems.

Title
Evaluate Various Controls

Tags
175053, 0, 1

Learning Outcome
Evaluate the appropriateness of various controls.

ACC 402 - Cost and Managerial Accounting

Course Information

Teaching Area (new)
ACC

Course Number
402

Teaching Area
ACC

Course Title
Cost and Managerial Accounting

Course Description
Cost and managerial accounting topics, including business processes, product costing, cost behavior analysis with regression, breakeven analysis with uncertainty, relevant decision making, performance measurement, variance analysis and budgeting.

Department
Accountancy

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.
Passing grade in Acc 401, Acc 406, Acc 407.

Learning Outcomes

Title
Use Management Accounting

Tags
175057, 0

Learning Outcome
Know how to use management accounting to plan, control, and evaluate business processes.

Title
Apply Management Accounting Concepts

Tags
175058, 1

Learning Outcome
Apply management accounting concepts to real-world settings.

Title
Function in a Team Setting

Tags
175059, 2

Learning Outcome
Demonstrate an improved ability to function in a team setting.

Title
Use Excel Effectively

Tags
175060, 3

Learning Outcome
Students will be able to show effective use of a spreadsheet editor to analyze and solve business problems.

ACC 403 - Intermediate Financial Accounting 1

Course Information

Teaching Area (new)
ACC

Course Number
403

Teaching Area
ACC

Course Title
Intermediate Financial Accounting 1

Course Description
Advanced financial statement development and evaluation. Ethical reasoning applied to critical business decisions.\n

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.

Fee
50

Learning Outcomes

Title
Evaluate Ethical Considerations

Tags
175062, 0, 1

Learning Outcome
Apply ethical considerations to financial reporting issues including understanding of the relevant regulations related to sustainability disclosures (integrity in action).

Title
Tools

Tags
175063, 0, 2

Learning Outcome
Be able to use the FASB Accounting Standards Codification to understand and apply U.S. GAAP (excellence).

Title
Data Analytics

Tags
208227, 0, 4

Learning Outcome
Use innovative data analytic tools to improve financial accounting estimates and the quality of financial information (exposure to cutting edge tools and critical thinking skills).

Title
Teams

Tags
175064, 0, 3

Learning Outcome
Work effectively within a team (Christlike leadership and respect for all).

Title
Apply Financial Accounting Procedures

Tags
175061, 0, 0

Learning Outcome
Apply financial accounting standards and concepts to various business situations (excellence).

Title
Apply the Marriott Values

Learning Outcome
Apply the Marriott Values to class and team interactions to improve learning and the Junior Core experience for yourself and others (Christlike leadership and excellence).

Title
Effective Communication

Learning Outcome
Demonstrate effective communication skills (via class discussion) and the ability to discuss subject matter even in ad hoc discussions for which a formal presentation has not been prepared (i.e., be able to answer questions posed in class) (excellence).

Title
Meet Deadlines

Learning Outcome
Meet regularly scheduled deadlines (excellence).

ACC 405 - Fundamentals of Taxation.

Course Information

Course Number
405

Teaching Area
ACC

Course Title
Fundamentals of Taxation.

Course Description
Tax principles applicable to business entities and individuals; tax compliance issues; tax planning as part of overall strategic planning process for businesses and individuals.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407

Learning Outcomes

Title
Learning Outcomes

Tags
174956, 0

Learning Outcome
Demonstrate a basic knowledge of fundamental federal income taxation principles

Title
Learning Outcomes

Tags
174999, 3

Learning Outcome
Demonstrate working skills in using information technologies commonly expected of entry level professionals in taxation

Title
Learning Outcomes

Tags
175002, 1

Learning Outcome
Work effectively in groups to solve unstructured tax problems related to taxation.

Title
Learning Outcomes

Tags
175021, 2

Learning Outcome
Demonstrate an ability to communicate at a professional level in both writing and verbal presentations.

ACC 406 - Financial Statement Auditing

Course Information

Teaching Area (new)
ACC

Course Number
406

Teaching Area
ACC

Course Title
Financial Statement Auditing

Course Description
This course develops and uses a framework for making judgments in a financial statement auditing context. The audit judgment framework includes a deep understanding of concepts such as the audit risk model, audit evidence, audit sampling and others. This framework is applied to most of the financial statement accounts found in a typical business including revenue, receivables, payables, inventory, fixed assets and other accounts. Other topics covered include professional ethics for accountants and the legal and professional environment affecting financial statement audits.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.

Learning Outcomes

Title
Key Concepts

Tags
175111, 0

Learning Outcome
Identify, define and apply the key concepts related to the financial statement auditing process and the audit of internal control

Title
Auditing Process

Tags
175113, 2

Learning Outcome
Combine knowledge of the auditing process with analytical reasoning to reach justifiable auditing decisions.

Title
Audit Strategies

Tags
175114, 3

Learning Outcome
Develop audit strategies for several of the major financial statement cycles

Title
Professional Ethics

Tags
175115, 4

Learning Outcome
Identify, define and apply the basic concepts underlying professional ethics

Title
Audit Practice

Tags
175112, 0, 1

Learning Outcome
Perform basic audit analyses using software used in audit practice

Title
Auditors Environment

Tags
175116, 0, 5

Learning Outcome
Identify and define the primary components of the environment in which auditors operate.

ACC 407 - Accounting Technology

Course Information

Teaching Area (new)
ACC

Course Number
407

Teaching Area
ACC

Course Title
Accounting Technology

Course Description
Develop skills and abilities to use current technologies in accounting. Learn new ways of thinking to enhance technological readiness.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Responsible use of Technology

Learning Outcome
Exercise wisdom and discernment in the use of emerging accounting technologies, developing the capacity to employ them responsibly and with integrity.

Title
Database Querying

Learning Outcome
Design, organize, and query accounting data to reveal insights and meaning.

Title
Clean Data

Learning Outcome
Bring coherence to complex and messy accounting data in ways that reflect both intellectual rigor and integrity.

Title
Learning for service to others

Learning Outcome
Develop technology skills that serve both professional success and Christ-centered discipleship, using them to bless individuals, strengthen communities, and advance the work of the Lord.

ACC 408 - Critical Thinking in Accounting

Course Information

Teaching Area (new)
ACC

Course Number
408

Teaching Area
ACC

Course Title
Critical Thinking in Accounting

Course Description
Equip students with relevant critical thinking and professional judgment knowledge and skills to think critically and evaluate information objectively using approaches such as structured problem solving, research and analysis, design thinking, and good judgment processes.

Department
Accountancy

When Taught
Winter Term 1.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.

Learning Outcomes

Title
Structured Problem Solving

Learning Outcome
Students will be able to explain the components of good judgment in accounting and apply judgment frameworks to solve problems relevant to accounting professionals.

Title
Bias Mitigation

Learning Outcome
Students will be able to identify, explain, and mitigate biases that can affect even the most experienced accounting professionals during the decision-making process and be able to identify biases that are particularly problematic in an accounting context.

Title
Judgment Perspectives

Learning Outcome
Students will be able to apply the power of different judgment frames to achieve success in decision making as future accounting professionals.

Title
Mental Models

Learning Outcome
Students will be able to apply several basic mental models helpful to problem solving in accounting and decide which model should be used in a given scenario.

Title
Group Judgment

Learning Outcome
Students will be able to identify and explain the pitfalls of group judgment in the context of an audit "fraud brainstorming" meeting, and apply techniques to increase the effectiveness of group decision making in an accounting context.

ACC 409 - Integrated Topics in Accounting

Course Information

Teaching Area (new)
ACC

Course Number
409

Teaching Area
ACC

Course Title
Integrated Topics in Accounting

Course Description
Capstone cases and projects that integrate concepts from previous accounting coursework.

Department
Accountancy

When Taught
Winter Term 2.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy.
Passing grade in ACC 401, ACC 403, ACC 406.

Learning Outcomes

Title
Team Strategy

Learning Outcome
Work in a team setting to define a strategy for addressing a complex issue, make assignments, document the preparation and review of work, come to agreement, and summarize findings and conclusions.

Title
Synthesize Learnings

Learning Outcome
Synthesize learnings from independent Junior Core courses to facilitate understanding of complex issues and identify intersections of the knowledge obtained.

Title
Qualitative and Quantitative Description

Learning Outcome
Describe, both qualitatively and quantitatively, the uncertainty associated with fair value measurements used in accounting.

Title
Common Methods of Valuation

Learning Outcome
Use basic methods of valuation such as discounted cash flow analysis and identify the key assumptions that impact any estimate of fair value, the impacts on accounting, and decision usefulness and auditability.

Title
Recommendation Writing and Presentation

Learning Outcome
Provide specific, well-supported findings and recommendations, both in writing and in a professional meeting in situations such as the following: A. Findings of assurance or attest engagements B. Impairment assessment of a business C. Identification of accounting issues and opportunities in a business setting.

Title
Increase Faith in Jesus Christ and His Gospel

Learning Outcome
Identify how principles of accounting illustrate or illuminate principles of the gospel and their application to our personal journey's of faith in Jesus Christ.

ACC 410 - Accounting Professional Development I

Course Information

Course Number
410

Teaching Area
ACC

Course Title
Accounting Professional Development I

Course Description
Gain essential skills required for professional success in modern accounting. Through combination of lectures, practical exercises, and real-world case studies, students will develop a deeper understanding of ethical decision-making, effective communication, teamwork, and professional behavior.

Department
Accountancy

When Taught
Fall

Credit Hours

Fixed/Max:
1.5

Learning Outcomes

Title
Professionalism

Learning Outcome
Demonstrate professionalism in behavior, appearance, and communication.

Title
Ethical Principles

Learning Outcome
Apply ethical principles in various accounting scenarios.

Title
Communication Skills

Learning Outcome
Develop clear and concise written and oral communication skills in accounting.

Title
Teamwork

Learning Outcome
Demonstrate effective teamwork and collaboration skills

Title
Belonging

Learning Outcome
Examine and apply the value of belonging in a global accounting context.

ACC 411 - Accounting Professional Development II

Course Information

Course Number
411

Teaching Area
ACC

Course Title
Accounting Professional Development II

Course Description
Gain essential skills required for professional success in modern accounting. Through combination of lectures, practical exercises, and real-world case studies, students will develop a deeper understanding of ethical decision-making, effective communication, teamwork, and professional behavior.

Department
Accountancy

When Taught
Winter

Credit Hours

Fixed/Max:
1.5

Learning Outcomes

Title
Professionalism

Learning Outcome
Demonstrate professionalism in behavior, appearance, and communication.

Title
Ethical Principles

Learning Outcome
Apply ethical principles in various accounting scenarios.

Title
Communication Skills

Learning Outcome
Develop clear and concise written and oral communication skills in accounting.

Title
Teamwork

Learning Outcome
Demonstrate effective teamwork and collaboration skills

Title
Belonging

Learning Outcome
Examine and apply the value of belonging in a global accounting context.

ACC 440 - Financial Statement Analysis

Course Information

Teaching Area (new)
ACC

Course Number
440

Teaching Area
ACC

Course Title
Financial Statement Analysis

Course Description
Analysis of corporate financial statements emphasizing how accounting and managerial decisions shape reported results. Develop skills to evaluate earnings quality, assess financial risk, and build forward-looking financial projections to inform strategic business and investment decisions.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

OR

Prerequisites

Complete ALL of the following Courses:

- ACC 310 - Principles of Accounting 2

Note
For nonaccounting majors.

Learning Outcomes

Title
Financial Statements

Tags
174942, 0

Learning Outcome
Identify financial statement areas where managers can exercise significant judgment and identify how managers choices in these areas impact earnings reported in financial statements. Specific areas addressed include the following: Financial Forecasts, Primary Financial Statements, Earnings Management, Leases, Pensions, Financial Atatement Footnotes, Long-lives Assets, Inventory Accounting, and Income Taxes.

Title
Ethical Considerations

Tags
175012, 2

Learning Outcome
Apply ethical considerations to earnings management issues.

Title
CFA Exam Proficiency

Tags
175027, 1

Learning Outcome
Demonstrate the proficiency to address CFA exam questions over the topic areas covered in this course.

ACC 453 - Money, the Financial System, and the Economy

Course Information

Teaching Area (new)
ACC

Course Number
453

Teaching Area
ACC

Course Title
Money, the Financial System, and the Economy

Course Description
Applications of industry analysis and microeconomic principles in the macroeconomic environment that influences individuals and financial intermediaries that transact in money and credit markets.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Financial Intermediaries

Tags
174923, 2

Learning Outcome
Understand the function and management of financial intermediaries.

Title
Understanding Banking Concepts

Tags
174939, 0

Learning Outcome
Understand interest rates, rate determination and discounted present value.

Title
Stocks and U.S. Treasuries

Tags
174981, 1

Learning Outcome
Understand differential spot, forward & derivatives, futures and options markets, with specific application to stocks and US Treasuries.

Title
Aggregate Economics

Tags
174991, 3

Learning Outcome
Understand basic aggregate economics: actual and potential supply and actual demand and their implication for growth, employment and inflation.

Title
Trade and Exchange Rates

Tags
175016, 4

Learning Outcome
Understand trade and exchange rates.

ACC 503 - Advanced Financial Accounting

Course Information

Teaching Area (new)
ACC

Course Number
503

Teaching Area
ACC

Course Title
Advanced Financial Accounting

Course Description
Advanced financial accounting topics including consolidations, accounting for not-for-profit entities, foreign currency translation and remeasurement, and accounting for governmental entities.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- ACC 504 - Financial Accounting 2

Other Prerequisites
Marriott School Graduate Core.

Learning Outcomes

Title
Spiritual Strengthening

Tags
174949, 0, 0

Learning Outcome
Put all secular learning in proper perspective to always remember that the most important learning is to come to a testimony of Jesus Christ and to recognize the identity of everyone as children of God, children of the covenant and disciples of Jesus Christ.

Title
Technical Accounting

Tags
174968, 0, 1

Learning Outcome
Identify, apply and communicate and understanding of the course accounting principles applicable to relevant business scenarios through course assignments, class participation, discussion and exams.

Title
Personal Development

Tags
175003, 0, 2

Learning Outcome
Develop project management skills by managing workload.

Title
Teams

Learning Outcome
Recognize the needs of other students in the course and seek to lift where you stand.

Title
Lifelong learning

Learning Outcome
Identify areas for personal growth, reflect on progress and seek to develop a desire for lifelong learning.

ACC 504 - Financial Accounting 2

Course Information

Teaching Area (new)
ACC

Course Number
504

Teaching Area
ACC

Course Title
Financial Accounting 2

Course Description
Continued intermediate financial statement development and evaluation with some advanced financial topics included.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- ACC 403 - Intermediate Financial Accounting 1

Other Prerequisites

Admission to School of Accountancy.
Passing grade in ACC 401, ACC 406, ACC 407.

Learning Outcomes

Title
Christlike leadership and professional development

Tags
175065, 0

Learning Outcome
Apply the BYU Marriott Values to class and classmate interactions to improve learning and the classroom experience for yourself and others

Title
Excellence in technical accounting knowledge

Tags
175066, 1

Learning Outcome
Apply financial accounting standards and concepts to various business situations

Title
Excellence in technical accounting knowledge

Learning Outcome
Be able to use the FASB Accounting Standards Codification to understand and apply U.S. GAAP

Title
Integrity in action

Learning Outcome
Apply ethical considerations to financial reporting issues

Title
Professional development

Learning Outcome
Demonstrate effective communication skills (via class discussion) and the ability to discuss subject matter even in ad hoc discussions for which a formal presentation has not been prepared (i.e., be able to answer questions posed in class)

ACC 515 - Accounting Research Seminar

Course Information

Teaching Area (new)
ACC

Course Number
515

Teaching Area
ACC

Course Title
Accounting Research Seminar

Course Description
Professional standards and professional literature of accounting and auditing; related academic research. Research tools, information technologies, and critical analysis emphasized.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc.

Learning Outcomes

Title
Complex Issues

Tags
174992, 0, 1

Learning Outcome
Demonstrate the ability to navigate the complex environment of accounting and auditing standard setting in the United States and internationally while applying research findings to resolve complex accounting treatments or disclosure choices.

Title
Teams

Tags
175092, 0, 2

Learning Outcome
Work well in teams through discussions and experiences both in and out of class.

Title
Research

Tags
175091, 0, 0

Learning Outcome
Successfully perform accounting and audit practice research using the latest information search databases and technology.

ACC 516 - Introduction to Academic Research

Course Information

Teaching Area (new)
ACC

Course Number
516

Teaching Area
ACC

Course Title
Introduction to Academic Research

Course Description
Fundamentals of academic research, including the scientific method, the philosophy of science, and the areas and methodologies of academic research.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to the MAcc predoctoral track

Learning Outcomes

Title
Learning Outcomes

Tags
174975, 0, 0

Learning Outcome
Use fundamental concepts from the philosophy of science (e.g., causality, validity, and threats to validity) to evaluate and critique various approaches to researching issues in accounting.

Title
Learning Outcomes

Tags
174973, 0, 1

Learning Outcome
Identify an interesting and consequential issue in accounting and develop related ideas and theory into an interesting, motivated, and researchable question.

Title
Learning Outcomes

Tags
174933, 0, 2

Learning Outcome
Develop the ability to apply tools from the philosophy of science to effectively critique actual research papers.

Title
Learning Outcomes

Tags
174929, 0, 3

Learning Outcome
Communicate complex topics relating to academic research both orally and in writing.

ACC 517 - Academic Archival Research Design

Course Information

Teaching Area (new)
ACC

Course Number
517

Teaching Area
ACC

Course Title
Academic Archival Research Design

Course Description
Accounting research using archival methodologies. Focus on reading, interpreting, critiquing, and designing archival research. Designed for those planning to enter a PhD program.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
SOA director's consent.

Recommended
Acc 516; Acc 518

Learning Outcomes

Title
Program

Tags
174962, 0, 0

Learning Outcome
Program in SAS

Title
Extract Data

Tags
174920, 0, 1

Learning Outcome
Extract data from the Compustat and CRSP databases

Title
Research

Tags
175041, 0, 2

Learning Outcome
Perform archival academic research

ACC 518 - Academic Experimental Research Design

Course Information

Teaching Area (new)
ACC

Course Number
518

Teaching Area
ACC

Course Title
Academic Experimental Research Design

Course Description
In-depth study of accounting research using experimental methodologies. Focus on reading, interpreting, critiquing, and designing experimental research. Designed for those planning to enter a PhD program.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
SOA director's consent.

Learning Outcomes

Title
Become Better

Tags
208228, 0, 1

Learning Outcome
Be better spiritually and professionally.

Title
Experimental Accounting Research

Tags
208229, 0, 2

Learning Outcome
Understand the basics of experimental accounting research, including: terminology, design, and major areas of research.

Title
Research Ideas

Tags
208230, 0, 3

Learning Outcome
Demonstrate the ability to generate and articulate research ideas

Title
Develop Proposals

Tags
208231, 0, 4

Learning Outcome
Develop experimental research proposals and instruments.

Title
Academic Careers

Tags
208232, 0, 5

Learning Outcome
Improve their knowledge and understanding of doctoral study and academic careers.

ACC 522 - Advanced Taxation

Course Information

Teaching Area (new)
ACC

Course Number
522

Teaching Area
ACC

Course Title
Advanced Taxation

Course Description
Tax laws as they apply to selected tax entities, with an introduction to tax research methodology.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marriott School Graduate Core

Learning Outcomes

Title
Business Entities

Tags
174970, 0, 0

Learning Outcome
Describe and discuss important tax and nontax factors involved in selecting the entity type for a particular business.

Title
Book-Tax Differences

Tags
175029, 0, 1

Learning Outcome
Determine common corporate book-tax differences in accounting for various corporate transactions and reconcile the book and taxable income of a corporation.

Title
Tax Provision

Tags
174979, 0, 2

Learning Outcome
Compute a corporation's income tax provision under the ASC 740 rules and understand the proper financial statement disclosure for a corporation's income tax expense related items.

Title
Flow-Through Entities

Tags
174932, 0, 3

Learning Outcome
Describe and discuss important tax and nontax issues relevant to corporate and flow-through entities.

ACC 523 - Tax Research Methodology

Course Information

Teaching Area (new)
ACC

Course Number
523

Teaching Area
ACC

Course Title
Tax Research Methodology

Course Description
In-depth treatment of research and procedures emphasizing communication and presentation of findings.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
6

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Research

Tags
175037, 0, 0

Learning Outcome
Research tax questions using resource databases.

Title
Tax Law

Tags
175014, 0, 1

Learning Outcome
Interpret/apply tax law.

Title
Communication

Tags
175035, 0, 2

Learning Outcome
Communicate with clients and supervisors.

ACC 525 - Advanced Accounting Analytics - Professional

Course Information

Teaching Area (new)
ACC

Course Number
525

Teaching Area
ACC

Course Title
Advanced Accounting Analytics - Professional

Course Description
Build foundational skills in advanced data analytic tools and techniques including obtaining, modifying and analyzing data; understanding statistical concepts in accounting settings; and making data-driven decisions.

Department
Accountancy

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc.

Learning Outcomes

Title
Build Zion

Tags
174922, 0

Learning Outcome
Build Zion by becoming better spiritually and professionally.

Title
Database

Tags
175022, 1

Learning Outcome
Demonstrate proficiency in building and using a basic database.

Title
Data Visualization

Tags
174976, 2

Learning Outcome
Demonstrate proficiency in using software to visualize data.

Title
RPA

Tags
175013, 3

Learning Outcome
Understand and have the ability to create bots (i.e., robotic process automation).

ACC 526 - Advanced Accounting Analytics for Tax

Course Information

Course Number
526

Teaching Area
ACC

Course Title
Advanced Accounting Analytics for Tax

Course Description
Apply an analytic mindset to problems. Learn advanced data analytic tools and techniques including extracting, transforming, and loading data; querying databases; visualizing data; and applying statistical concepts in accounting settings.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to the MAcc.

Learning Outcomes

Title
Build Zion

Learning Outcome
Build Zion by becoming better spiritually and professionally.

Title
Database

Learning Outcome
Build and use a basic database.

Title
Data Visualization

Learning Outcome
Demonstrate proficiency in using software to visualize data.

Title
Robotic Process Automation

Learning Outcome
Develop the ability to create bots (i.e. robotic process automation).

ACC 530 - Advanced Financial Statement Auditing

Course Information

Teaching Area (new)
ACC

Course Number
530

Teaching Area
ACC

Course Title
Advanced Financial Statement Auditing

Course Description
Accounting methodology, professional auditing standards, and current issues.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc; Acc 515 or equivalent

Learning Outcomes

Title
Auditing Concepts

Tags
175020, 0, 0

Learning Outcome
Use auditing concepts and variables (e.g., client acceptance, risk assessment, materiality, understanding and testing of internal controls, analytical procedures, substantive audit testing, documentation of evidence, and completing an audit engagement) to make audit planning, testing, and evaluation decisions.

Title
Application of Concepts

Tags
174943, 0, 1

Learning Outcome
Apply auditing and assurance concepts to real-world case studies.

Title
Sampling

Tags
174966, 0, 2

Learning Outcome
Apply statistical sampling concepts to auditing tests of controls, transactions, and balances.

Title
Audit Software

Tags
174960, 0, 3

Learning Outcome
Demonstrate basic proficiency with an auditing software package that is widely used in practice.

Title
Teams

Tags
174911, 0, 4

Learning Outcome
Collaborate in teams to solve problems and present findings in both written and oral forms.

Title
Current Issues

Tags
174963, 0, 5

Learning Outcome
Examine issues currently facing the profession (e.g., regulation, new standards, fair value, legal liability, independence, competition, new services)

Title
Ethical dilemmas

Tags
175030, 0, 7

Learning Outcome
Deliberate on the spiritual and ethical implications of dilemmas faced by accounting professionals.

Title
Professional Judgment

Tags
175032, 0, 6

Learning Outcome
Examine characteristics of good professional judgment as well as common threats to good judgment.

ACC 531 - Advanced Management Accounting

Course Information

Teaching Area (new)
ACC

Course Number
531

Teaching Area
ACC

Course Title
Advanced Management Accounting

Course Description
Advanced concepts, including the role of accounting in strategic and operational decision-making.

Department
Accountancy

When Taught
Winter Term 1.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Marriott School Graduate Core; Acc 515 or equivalent.

Learning Outcomes

Title
Unstructured settings

Tags
174936, 0, 0

Learning Outcome
Use management accounting knowledge and research skills to recommend a costing approach in an unstructured setting.

Title
OROS Quick Software

Tags
175024, 0, 1

Learning Outcome
Use OROS Quick Software to build an activity-based cost system.

Title
Activity-Based Costing

Tags
174919, 0, 2

Learning Outcome
Assess customer profitability and revenue management using activity-based costing

Title
Theory of Constraints

Tags
175033, 0, 3

Learning Outcome
Use theory of constraints to analyze business processes

Title
Communication

Tags
174912, 0, 4

Learning Outcome
Communicate the results of analysis verbally and in writing

Title
Teams

Tags
175039, 0, 5

Learning Outcome
Work well in teams

ACC 532 - Sustainability Reporting for Accountants

Course Information

Course Number
532

Teaching Area
ACC

Course Title
Sustainability Reporting for Accountants

Course Description
Explore worldwide sustainability trends and essential non-financial metrics for environmental, social, and governance frameworks and reporting requirements. Develop skills in accounting for and reporting of sustainable practices to add value and meet shifting market needs.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Develop Christlike leadership qualities

Learning Outcome
Students will gain an increased awareness of commitment to personal stewardship over the earth and its inhabitants.

Title
Sustainability Concepts

Learning Outcome
Students will be able to discuss fundamental principles and concepts of sustainability in business practices.

Title
Stakeholder Perspectives

Learning Outcome
Students will be able to Infer and analyze the diverse perspectives of stakeholders related to sustainability to make informed accounting decisions that balance the interests of all. regulatory bodies, to make informed accounting decisions that balance the interests of all relevant parties.

Title
Measurement of Sustainability Related Disclosures

Learning Outcome
Students will be able to recognize the challenges of identifying measurable metrics management to evaluate the governance, environmental and social impacts of business operations, using relevant indicators and reporting frameworks.

Title
Integrating Sustainability into Accounting Practices

Learning Outcome
Students will be able to incorporate sustainability factors into traditional accounting processes.

ACC 540 - Advanced Professional Financial Accounting

Course Information

Teaching Area (new)
ACC

Course Number
540

Teaching Area
ACC

Course Title
Advanced Professional Financial Accounting

Course Description
Advanced financial accounting topics including pensions, earnings per share, accounting changes, and deferred income taxes.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marriott School Graduate Core; Acc 515 or equivalent

Learning Outcomes

Title
Learning Outcomes

Tags
174983, 1

Learning Outcome
Work in teams

Title
Learning Outcomes

Tags
174997, 0

Learning Outcome
Understand technical accounting issues

Title
Learning Outcomes

Tags
175018, 2

Learning Outcome
Understand current developments

ACC 541 - Financial Statement Analysis

Course Information

Teaching Area (new)
ACC

Course Number
541

Teaching Area
ACC

Course Title
Financial Statement Analysis

Course Description
Analysis of financial statements and the accompanying footnotes. How various accounting methods might affect interpretation and use of financial information.

Department
Accountancy

When Taught
Winter Term 2.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Assessment

Tags
174986, 0, 0

Learning Outcome
Assess firm strategy, profitability, financial position, credit risk, and earnings quality.

Title
Forecasting

Tags
175028, 0, 1

Learning Outcome
Forecast financial performance and to build pro forma financial statements.

Title
Valuation Models

Tags
174954, 0, 2

Learning Outcome
Understand and implement common accounting-based valuation models.

ACC 542 - Measurement in Accounting

Course Information

Teaching Area (new)
ACC

Course Number
542

Teaching Area
ACC

Course Title
Measurement in Accounting

Course Description
Case-based course that examines measurement issues in accounting. Focuses on techniques and approaches used in practice for measuring financial instruments, acquisitions, revenue recognition, and asset impairments, among others. Also focuses on measurements used by entities to report Environmental-Social-Governance (ESG) and Sustainability matters.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 515 - Accounting Research Seminar
  AND ACC 530 - Advanced Financial Statement Auditing

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Measurement

Tags
213308, 0, 1, 2023-08-28 12:55:14

Learning Outcome
Improve their understanding of measurement concepts and how they apply to accounting situations.

Title
Alternative measurement

Tags
213309, 0, 2, 2023-08-28 12:55:16

Learning Outcome
Recognize, evaluate, compare, and generate alternative measurement attributes that could reasonably be used in real-world situations under current financial reporting standards..

Title
Implement Measurement

Tags
213310, 0, 3, 2023-08-28 12:55:18

Learning Outcome
Implement measurement approaches in common scenarios such as revenue recognition, goodwill, allocation of purchase prices in acquisitions, asset impairment, fair value measurements, stock compensation, securitization models, loan loss reserves, and relief from royalty.

Title
Measurement Approaches

Tags
213311, 0, 4, 2023-08-28 12:55:20

Learning Outcome
Examine and critique measurement approaches used in ESG and Sustainability reporting frameworks.

ACC 545 - International Accounting and Multinational Enterprises

Course Information

Teaching Area (new)
ACC

Course Number
545

Teaching Area
ACC

Course Title
International Accounting and Multinational Enterprises

Course Description
Accounting from an international perspective: flow of information in multiple currencies, complying with reporting requirements, setting budgets and monitoring performance, and controlling corporate assets through reports and audits.

Department
Accountancy

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Convergence forces

Tags
174916, 1

Learning Outcome
Describe the forces of convergence of accounting standards

Title
Compare GAAP and IFRS

Tags
174964, 3

Learning Outcome
Compare U.S. GAAP and IFRS for the following accounting issues: intangibles, consolidation, segment reporting, and foreign currency transactions and translation.

Title
MNEs

Tags
174965, 4

Learning Outcome
Explain how MNEs deal with the issue of foreign exchange risk management, corporate governance, performace evaluation and control, auditing, and taxation.

Title
Accounting differences

Tags
174993, 0

Learning Outcome
Identify the major reasons accounting differs around the world.

Title
IFRS pros and cons

Tags
175009, 2

Learning Outcome
Evaluate the pros and cons of adopting IFRS for financial reporting in capital markets worldwide.

ACC 550 - Forensic Accounting and Fraud Examination

Course Information

Teaching Area (new)
ACC

Course Number
550

Teaching Area
ACC

Course Title
Forensic Accounting and Fraud Examination

Course Description
Use hands-on cases to 1) develop a forensic mindset and 2) implement data analytics in forensic accounting settings, including financial statement fraud.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Forensic Accounting Discovery

Tags
213312, 0, 1, 2023-08-28 12:55:28

Learning Outcome
Explain principles, concepts, and tools specific to forensic accounting.

Title
Malfeasance Discovery

Tags
213313, 0, 2, 2023-08-28 12:55:29

Learning Outcome
Employ the methods used by forensic accountants to prevent and detect malfeasance and understand risk.

Title
Understand Forms of Malfeasance

Tags
213314, 0, 3, 2023-08-28 12:55:32

Learning Outcome
Explain forms of malfeasance and risk in the accounting setting.

Title
Prevention and Detection of Financial Statement Fraud

Learning Outcome
Demonstrate how to prevent and detect financial statement fraud.

ACC 551 - Risk Assurance and Information Technology Audit

Course Information

Course Number
551

Teaching Area
ACC

Course Title
Risk Assurance and Information Technology Audit

Course Description
Provide an introduction to IT infrastructure and controls/processes to mitigate security and financial risks associated with IT management. Assists in preparing students for the 2024 CPA exam “Information Systems and Controls (ISC)”.

Department
Accountancy

When Taught
Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Learning Outcomes

Title
IT risks

Tags
213316, 0, 1, 2023-08-28 13:17:08

Learning Outcome
Identify common information technology (IT) risks that threaten financial integrity and security.

Title
Process development

Tags
213317, 0, 2, 2023-08-28 13:17:15

ACC 552 - Introduction to Cyber Risk Assessment in Accounting

Course Information

Course Number
552

Teaching Area
ACC

Course Title
Introduction to Cyber Risk Assessment in Accounting

Course Description
Introduction to cyber risks and mitigations in accounting from a hacker's point of view. Assists in preparing students for the 2024 CPA exam “Information Systems and Controls (ISC)”.

Department
Accountancy

When Taught
Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Learning Outcomes

Title
OIT threats

Tags
213319, 0, 1, 2023-08-28 13:24:32

Learning Outcome
Describe threats and attacks from both offensive (hacker/black hat) and defensive (organizational IT) points of view.

Title
Security risk

Tags
213320, 0, 2, 2023-08-28 13:24:33

Learning Outcome
Identify potential for IT security risk based on real-world scenarios.

Title
Assessment

Tags
213321, 0, 3, 2023-08-28 13:24:35

Learning Outcome
Assess IT security risk using qualitative and quantitative means.

Title
Presentation

Tags
213322, 0, 4, 2023-08-28 13:24:36

Learning Outcome
Present and discuss IT risks to a simulated board / C-suite.

Title
CPA topics

Tags
213323, 0, 5, 2023-08-28 13:24:39

Learning Outcome
Identify “Information Systems and Controls” (ISC) topics covered in the CPA exam.

ACC 553 - Applied Accounting Technology

Course Information

Course Number
553

Teaching Area
ACC

Course Title
Applied Accounting Technology

Course Description
Deepen understanding of the application of technology to perform, document, test, attest, and automate accounting procedures and controls through hands-on use of industry leading and emerging technologies.

Department
Accountancy

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy

Learning Outcomes

Title
Applying Technology to Accounting

Learning Outcome
Demonstrate the application of technology to accounting procedures and controls.

Title
Understanding of Accounting Automation

Learning Outcome
Explain steps to automate manual accounting procedures and controls.

Title
Awareness of Emerging Technologies

Learning Outcome
Synthesize emerging technologies and the applications to accounting procedures and controls.

Title
Accounting Technology Selection

Learning Outcome
Specify how to select and apply the appropriate technology to effectively solve business problems.

ACC 554 - Enterprise Resource Planning in Accounting

Course Information

Course Number
554

Teaching Area
ACC

Course Title
Enterprise Resource Planning in Accounting

Course Description
Hands-on experience with ERP systems and user applications of key business functions. Students will learn the logic of how to use ERP systems to create budgets, analyze variances, close the books, and generate and interpret management reports.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to School of Accountancy

Learning Outcomes

Title
Entering and Storing Data within an ERP

Learning Outcome
Students will be able to explain how financial data is entered and stored in an ERP system to facilitate research tasks.

Title
Contrasting and Comparing Various ERP systems

Learning Outcome
Students will be able to identify the similarities and differences and the strengths and weaknesses of various ERP systems.

Title
Developing Budgets

Learning Outcome
Students will be able to develop budgets, run reports, and research variances in ERP systems.

Title
Utilizing ERP Reports to Accomplish Business Functions

Learning Outcome
Students will be able to work with ERP reports effectively to accomplish various capacities in the profession via hands-on experiences.

Title
ERP System Type Discovery

Learning Outcome
Students will be able to utilize different ERP systems they will likely encounter in various capacities in the profession via hands-on experiences.

ACC 555 - Applied Accounting Analytics

Course Information

Teaching Area (new)
ACC

Course Number
555

Teaching Area
ACC

Course Title
Applied Accounting Analytics

Course Description
Apply advanced data analytic tools and techniques including obtaining, modifying and analyzing data; applying statistical concepts in accounting settings; and making data-driven decisions in complex business scenarios.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Identify the target audience

Learning Outcome
Identify the target audience. Learn techniques for data preparation, formatting and cleaning. Use visual data exploration methods to understand data.

Title
Identify appropriate business analytics methods

Learning Outcome
Identify appropriate business analytics methods given the requirements and constraints imposed by the data and the principle questions. Communicate findings with clarity, accessibility and readability.

Title
Identify patterns

Learning Outcome
Learn to identify patterns, trends, and differences from data across categories, space, and time.

Title
Communication

Learning Outcome
Tell stories with data that connect with your audience.

Title
Technical competency

Learning Outcome
To develop students' technical competency in business analytics.

ACC 556 - Database Analysis and Design

Course Information

Teaching Area (new)
ACC

Course Number
556

Teaching Area
ACC

Course Title
Database Analysis and Design

Course Description
Concepts and techniques of database system development. Focal areas include: structures, integrity, retrieval, manipulation, validation and analysis.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to a Marriott School graduate program

Learning Outcomes

Title
Analyze Data and Propose Structures

Tags
175100, 0

Learning Outcome
Analyze data requirements and propose data structures to meet these requirements.

Title
Database Calls

Tags
174945, 0, 1

Learning Outcome
Integrated database calls into simple applications.

Title
Data Structures

Tags
174941, 0, 2

Learning Outcome
Extract, transform and present data from data structures

ACC 557 - Management Consulting and Projects

Course Information

Teaching Area (new)
ACC

Course Number
557

Teaching Area
ACC

Course Title
Management Consulting and Projects

Course Description
Projects-oriented course where students get hands-on experience performing consulting jobs for businesses in Utah. Class includes both in-class instruction and business experience.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Management Consulting

Tags
174957, 0, 0

Learning Outcome
Identify the field of management consulting and the role of a management consultant.

Title
Tools and Techniques

Tags
174924, 0, 1

Learning Outcome
Learn the tools and techniques used during a consulting engagement; including diagnosis, planning, and problem solving.

Title
Consulting Skills

Tags
174918, 0, 2

Learning Outcome
Apply management consulting skills to consulting situations.

Title
Team

Tags
174926, 0, 3

Learning Outcome
Contribute to your project team through timely communication and assuming responsibility for your assigned role.

Title
Communication

Tags
175036, 0, 4

Learning Outcome
Demonstrate through a final written and oral report to the client that you are able to communicate effectively, both orally and in writing.

Title
Ethical Principles

Tags
174950, 0, 5

Learning Outcome
Understand and apply ethical principles to consulting situations.

ACC 558 - Accounting Technology Hub

Course Information

Course Number
558

Teaching Area
ACC

Course Title
Accounting Technology Hub

Course Description
Develop and post technology challenges on TechHub.training, focusing on essential accounting tools such as Excel, Alteryx, and Tableau. Engage in peer mentoring, enhance technical writing, communication skills, and website design for a global audience.

Department
Accountancy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Community Resource

Learning Outcome
Develop and add to a free, publicly-available community resource that helps others in the community with technology skills.

Title
Technology Skills

Learning Outcome
Demonstrate increased skill sets in accounting technologies.

Title
Writing and Communication Skills

Learning Outcome
Demonstrate effective technology writing and verbal communication skills.

ACC 559 - Corporate Governance

Course Information

Course Number
559

Teaching Area
ACC

Course Title
Corporate Governance

Course Description
How corporate boards are led, focusing especially on the role of the director, the rights of shareholders, the compensation of executives, and the challenge boards face in balancing the needs of shareholders, managers, and other stakeholders.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Mapping the corporate governance landscape

Learning Outcome
Demonstrate an understanding of corporate governance issues, shareholder rights, shareholder advocacy firms and how they affect corporations in America and other countries.

Title
Decision making on corporate boards

Learning Outcome
become familiar with and be able to make corporate board decisions regarding corporate governance, legal issues, executive compensation, financial oversight, financing issues, and business strategy.

Title
Structure of Organizations

Learning Outcome
Understand systems thinking in corporate governance

Title
Critical Skill Development

Learning Outcome
Become familiar with and develop critical skills that will make you a successful professional in dealing with corporate governance

Title
Boards of Directors

Learning Outcome
Know how boards of directors and boards of advisors function and how they provide oversight of and advisory services to management.

ACC 560 - Special Problems in Federal Taxation

Course Information

Teaching Area (new)
ACC

Course Number
560

Teaching Area
ACC

Course Title
Special Problems in Federal Taxation

Course Description
Special property transactions, accounting periods and methods, tax payments and credit, tax concepts, and reporting tax liability.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Tax Consequences of Property Transactions

Tags
175040, 0, 0

Learning Outcome
Determine and calculate the tax consequences of property transactions, including depreciation, realized and recognized gain and loss and its character.

Title
Corporate Taxable Income

Tags
174958, 0, 1

Learning Outcome
Properly calculate corporate taxable income. This includes completing a Form 1120, understanding the differences between book income and taxable income, and calculate the 199A and 163(j) deductions.

Title
S Corporations

Tags
174925, 0, 2

Learning Outcome
Properly calculate S corporation taxable income include stock/debt basis as well as AAA/OAA accounts.

ACC 561 - Corporate Taxation 1

Course Information

Teaching Area (new)
ACC

Course Number
561

Teaching Area
ACC

Course Title
Corporate Taxation 1

Course Description
Federal income taxation of corporations and shareholders.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Corporate nonliquidating distributions

Tags
175097, 1

Learning Outcome
Understand the tax consequence of corporate distributions to the distributee shareholders and the distributing corporation.

Title
Corporate redemptions

Tags
175098, 2

Learning Outcome
Understand the tax consequences of corporate redemptions to the distributee shareholder and the redeeming corporation

Title
Use and apply IRC and Treasury Regulations

Tags
175099, 4

Learning Outcome
Learn to use and apply the Internal Revenue Code and Treasury Regulations to solve complex tax problems

Title
Tax attributes and consolidated tax return (CTR) issues

Tags
175101, 3

Learning Outcome
Understand the transactions that trigger Sec. 382 loss limitations and determine how to apply the limitations in a non consolidated and in a consolidated context. Also, determine and apply the tax implications of computing consolidated taxable income and filing consolidated tax returns.

ACC 562 - Corporate Taxation 2

Course Information

Teaching Area (new)
ACC

Course Number
562

Teaching Area
ACC

Course Title
Corporate Taxation 2

Course Description
Continuation of Corporate Taxation 1. Includes consolidated returns.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- ACC 561 - Corporate Taxation 1

Learning Outcomes

Title
Solutions to tax issues

Tags
175096, 1

Learning Outcome
Generate a reasonable solution to various tax issues and substantiate the solution with relevant tax authority.

Title
Corporate formations, liquidations, acquisitions, and divestitures

Tags
175102, 0

Learning Outcome
Identify relevant issues relating to corporate formations, liquidations, taxable and tax deferred corporate acquisitions, and corporate divestitures when given various data-rich scenarios.

Title
Teamwork

Tags
175103, 2

Learning Outcome
Work effectively with a team to practice responding, given support from a tax-expert, to a real-world restructuring scenario.

Title
Professional Presentation

Tags
175104, 3

Learning Outcome
Deliver a professional presentation of a restructuring plan to a client in a way that makes complex issues understandable and that demonstrates an ability to think independently.

ACC 563 - Taxation of Partnerships

Course Information

Teaching Area (new)
ACC

Course Number
563

Teaching Area
ACC

Course Title
Taxation of Partnerships

Course Description
Federal income taxation of general and limited partnerships and partners.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Learning Outcomes

Tags
174947, 3

Learning Outcome
Communicate the results of complex tax issues orally and in writing.

Title
Learning Outcomes

Tags
174978, 1

Learning Outcome
Demonstrate technical tax expertise in the taxation of partnerships.

Title
Learning Outcomes

Tags
175005, 2

Learning Outcome
Work effectively in groups to solve complex tax problems.

Title
Learning Outcomes

Tags
175011, 0

Learning Outcome
Perform tax research to resolve complex partnership tax problems. This includes using hte latest tax research databases and technology to complete the research.

ACC 565R - Current Tax Policy

Course Information

Teaching Area (new)
ACC

Course Number
565R

Teaching Area
ACC

Course Title
Current Tax Policy

Course Description
Intensive study of special and current tax topics and policies.

Department
Accountancy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Federal Tax Income

Tags
174946, 0, 0

Learning Outcome
Properly compute an individual's federal taxable income and alternative minimum taxable income.

Title
Individual Federal Tax Liability

Tags
175038, 0, 1

Learning Outcome
Properly compute an individual's federal income tax liability, self-employment tax liability, and alternative minimum tax liability.

Title
Tax Underpayment Penalty

Tags
174967, 0, 3

Learning Outcome
Determine the amount of a taxpayer's estimated tax underpayment penalty.

Title
Tax Consequences of Investments

Tags
174913, 0, 4

Learning Outcome
Determine the tax consequences of various types of investments and investment expenses, including investment interest expense.

Title
Gift and Estate Tax Liability

Tags
174917, 0, 5

Learning Outcome
Determine a taxpayer's federal gift and estate transfer tax liability

Title
Retirement Plans

Tags
208233, 0, 6

Learning Outcome
Determine taxpayer's allowed contributions to various retirement plans and provide tax relevant advice to taxpayers about dealing with retirement plans.

ACC 566 - Tax Accounting Methods and Accounting for Income Taxes

Course Information

Teaching Area (new)
ACC

Course Number
566

Teaching Area
ACC

Course Title
Tax Accounting Methods and Accounting for Income Taxes

Course Description
Accounting periods and methods, corporate income taxation, and accounting for income taxes under ASC 740.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MAcc

Learning Outcomes

Title
Corporate Book–Tax Differences

Tags
206945, 0, 1

Learning Outcome
Determine common corporate book–tax differences in accounting for various corporate transactions and reconcile the book and taxable income of a corporation.

Title
Tax Provision

Tags
206946, 0, 2

Learning Outcome
Compute a corporation's income tax provision under the ASC 740 rules and understand the proper financial statement disclosure for a corporation's income tax expense related items.

Title
ASC 740 Advanced Topics

Tags
206947, 0, 3

Learning Outcome
Understand how to deal with advanced topics within ASC 740 including business combinations, interim reporting, state and local taxes, and consolidated groups.

Title
Earnings Per Share

Tags
206948, 0, 4

Learning Outcome
Develop an intuition and perspective about the impact of taxes on financial statement measures such as earnings per share.

ACC 568 - Taxation of Foreign Income

Course Information

Teaching Area (new)
ACC

Course Number
568

Teaching Area
ACC

Course Title
Taxation of Foreign Income

Course Description
Federal taxation of foreign transactions.

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acc 561 or concurrent enrollment.

Learning Outcomes

Title
Learning Outcomes

Tags
174952, 1

Learning Outcome
Understand and discuss: 1. The U.S. tax policy implications dealing with both outbound and inbound transactions. 2. The impact U.S. tax law has on international business. 3. The relationship and application of Income Tax Treaties 4. Issues dealing with intercompany pricing between controlled entities.

Title
Learning Outcomes

Tags
174987, 0

Learning Outcome
Apply skills involving the U.S. taxation of multinational commerce, including: 1. Identify icome source and allocation and apportionment of deductions. 2. Calculate a taxpayer's direct and deemed paid foreign tax credit. 3. Identify taxpayers who are eligible for the foreign earned income exclusion and calculate the amount of the exclusion. 4. Identify a controlled foreign corporation (CFC) and compute the CFC's subpart F income and the deemed distribution that flows through to the U.S. shareholders. 5. Understand and apply the rules dealing with foreign taxpayers earning income and doing business in the U.S.

ACC 580 - Advanced Individual Tax

Course Information

Teaching Area (new)
ACC

Course Number
580

Teaching Area
ACC

Course Title
Advanced Individual Tax

Course Description
Advanced topics related to issues associated with higher income individual taxpayers.

Department
Accountancy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Compute Taxable Income

Learning Outcome
Properly compute an individual's federal taxable income and alternative minimum taxable income.

Title
Compute Tax Liability

Learning Outcome
Properly compute an individual's federal income tax liability, self-employment tax liability, and alternative minimum tax liability.

Title
Determine Tax Underpayment Penalty

Learning Outcome
Determine the amount of a taxpayer's estimated tax underpayment penalty.

Title
Determine Tax Consequences

Learning Outcome
Determine the tax consequences of various types of investments and investment expenses, including investment interest expense.

Title
Compute Tax Values

Learning Outcome
Compute a taxpayer's Net Investment Income Tax and Additional Medicare Tax.

Title
Determine Federal Gift

Learning Outcome
Determine a taxpayer's federal gift and estate transfer tax liability.

Title
Determine Retirement Plan Contributions

Learning Outcome
Determine taxpayer's allowed contributions to various retirement plans and provide tax relevant advice to taxpayers about dealing with retirement plans.

ACC 588 - Healthcare Industry Dynamics

Course Information

Teaching Area (new)
ACC

Course Number
588

Teaching Area
ACC

Course Title
Healthcare Industry Dynamics

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

Department
Accountancy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the Healthcare Industry

Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

ACC 590 - State and Local Taxation

Course Information

Teaching Area (new)
ACC

Course Number
590

Teaching Area
ACC

Course Title
State and Local Taxation

Course Description
Introduction to principles of multi-state taxation.

Department
Accountancy

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ACC 591R - Readings and Conference

Course Information

Teaching Area (new)
ACC

Course Number
591R

Teaching Area
ACC

Course Title
Readings and Conference

Course Description
In-depth study one-on-one with chosen professor on topic of mutual interest not currently covered in existing courses.

Department
Accountancy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research

Tags
174969, 0, 1, 2022-12-20 14:13:36

Learning Outcome
To help students learn how to generate high quality research ideas.

Title
Write Research Proposals

Tags
174985, 0, 2, 2022-12-20 14:13:36

Learning Outcome
Write experimental research proposals and design experimental research studies.

Title
Research Discussions

Tags
174972, 0, 3, 2022-12-20 14:13:36

Learning Outcome
Lead and participate in research seminar discussions.

Title
Build Zion

Tags
174944, 0, 0, 2022-12-20 14:13:59

Learning Outcome
To build Zion by challenging students to become better spiritually and professionally.

ACC 599R - Academic Internship: Accounting

Course Information

Teaching Area (new)
ACC

Course Number
599R

Teaching Area
ACC

Course Title
Academic Internship: Accounting

Course Description
On-the-job experience and training in industry, government, or public accounting firms.

Department
Accountancy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Other Prerequisites
Internship coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Networking

Tags
174934, 3

Learning Outcome
Network with professionals and identify possible mentors.

Title
Enrich future course work

Tags
174935, 4

Learning Outcome
Return with experiences that will enrich future course work.

Title
Accounting Career Opportunities

Tags
174977, 1

Learning Outcome
Explore and obtain information on accounting career opportunities.

Title
Theory in business courses

Tags
175001, 2

Learning Outcome
Expand upon the theory and concepts taught in accounting and business courses.

Title
Role of accounting and finance in business

Tags
175023, 0

Learning Outcome
Learn through experience the role of accounting and finance in business.

ACINT 199R - Academic Internship

Course Information

Teaching Area (new)
ACINT

Course Number
199R

Teaching Area
ACINT

Course Title
Academic Internship

Course Description
Planned and supervised on-the-job experience, including cooperative education, internships, and practica; allows students to integrate classroom study with the world of work.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

AEROS 100R - Leadership Laboratory

Course Information

Teaching Area (new)
AEROS

Course Number
100R

Teaching Area
AEROS

Course Title
Leadership Laboratory

Course Description
Basic fundamentals of military leadership--drill, courtesy, planning, and organizing at various levels of responsibility.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Field Training Skills

Tags
40446, 1

Learning Outcome
Know and apply basic field training skills

Title
Advanced Field Training Skills

Tags
40451, 2

Learning Outcome
Know and apply advanced field training skills

Title
Physical Fitness

Tags
40461, 3

Learning Outcome
Be physically fit

Title
Basic Military Skills

Tags
40479, 0

Learning Outcome
Know and apply basic military skills

AEROS 101 - Leadership Laboratory--Freshmen.

Course Information

Teaching Area (new)
AEROS

Course Number
101R

Teaching Area
AEROS

Course Title
Leadership Laboratory--Freshmen.

Course Description
Basic fundamentals of military leadership--drill, courtesy, planning, and organizing at various levels of responsibility.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Military Skills

Tags
40420, 0

Learning Outcome
Know and apply basic military skills

Title
Basic Field Training Skills

Tags
40423, 1

Learning Outcome
Know and apply basic field training skills

Title
Physical Fitness

Tags
40425, 3

Learning Outcome
Be physically fit

Title
Advanced Field Training Skills

Tags
40454, 2

Learning Outcome
Know and apply advanced field training skills

AEROS 110 - Department of the Air Force (DAF) Professionalism

Course Information

Teaching Area (new)
AEROS

Course Number
110

Teaching Area
AEROS

Course Title
Department of the Air Force (DAF) Professionalism

Course Description
Familiarize Students with the DAF environment, providing an overview of essential attributes required for success in this context.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Aeros 100.

Learning Outcomes

Title
Life Skills

Tags
40409, 3

Learning Outcome
Know and develop productive life skills

Title
Career Opportunities

Tags
40413, 1

Learning Outcome
Know what career opportunities are available as an Air Force officer

Title
Air Force History

Tags
40437, 0

Learning Outcome
Know the history of the Air Force, how it is organized and what it does for the country

Title
Communications Skills

Tags
40442, 4

Learning Outcome
Demonstrate basic oral and written communications skills

Title
Air Force Benefits

Tags
40478, 2

Learning Outcome
Know the benefits afforded members of the military

AEROS 111 - Department of the Air Force (DAF) Professionalism

Course Information

Teaching Area (new)
AEROS

Course Number
111

Teaching Area
AEROS

Course Title
Department of the Air Force (DAF) Professionalism

Course Description
Familiarize Students with the Department of Air Force (DAF) environment, providing an overview of essential attributes required for success in this context.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Aeros 101.

Learning Outcomes

Title
Life Skills

Tags
40408, 3

Learning Outcome
Know and develop productive life skills

Title
Career Opportunities

Tags
40411, 1

Learning Outcome
Know what career opportunities are available as an Air Force officer

Title
Air Force Benefits

Tags
40414, 2

Learning Outcome
Know the benefits afforded members of the military

Title
Air Force History

Tags
40422, 0

Learning Outcome
Know the history of the Air Force, how it is organized and what it does for the country

Title
Communications Skills

Tags
40428, 4

Learning Outcome
Demonstrate basic oral and written communications skills

AEROS 143R - Physical Training - Air Force ROTC

Course Information

Teaching Area (new)
AEROS

Course Number
143R

Teaching Area
AEROS

Course Title
Physical Training - Air Force ROTC

Course Description
Physical training course for Air Force ROTC members only.

Department
Aerospace Studies

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

AEROS 190R - Air Force ROTC Auxiliary

Course Information

Teaching Area (new)
AEROS

Course Number
190R

Teaching Area
AEROS

Course Title
Air Force ROTC Auxiliary

Course Description
Additional voluntary practical military training for Air Force ROTC cadets. The Honor Guard and Special Tactics each focus on leadership, problem solving, team building, and communication in an effort to better prepare cadets for the rigors of military service.

Department
Aerospace Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Must be a cadet enrolled in Air Force ROTC.

AEROS 200 - Leadership Laboratory--Sophomores.

Course Information

Teaching Area (new)
AEROS

Course Number
200

Teaching Area
AEROS

Course Title
Leadership Laboratory--Sophomores.

Course Description
As listed for Aeros 100/101. Increased emphasis on performance level.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Military Skills

Tags
40419, 0

Learning Outcome
Know and apply basic military skills

Title
Advanced Field Training Skills

Tags
40426, 2

Learning Outcome
Know and apply advanced field training skills

Title
Basic Field Training Skills

Tags
40452, 1

Learning Outcome
Know and apply basic field training skills

Title
Physical Fitness

Tags
40475, 3

Learning Outcome
Be physically fit

AEROS 201 - Leadership Laboratory--Sophomores.

Course Information

Teaching Area (new)
AEROS

Course Number
201

Teaching Area
AEROS

Course Title
Leadership Laboratory--Sophomores.

Course Description
As listed for Aeros 100/101. Increased emphasis on performance level.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Military Skills

Tags
40427, 0

Learning Outcome
Know and apply basic field training skills

Title
Advanced Field Training Skills

Tags
40430, 2

Learning Outcome
Know and apply advanced field training skills

Title
Physical Fitness

Tags
40435, 3

Learning Outcome
Be physically fit

Title
Basic Field Training Skills

Tags
40470, 1

Learning Outcome
Know and apply basic field training skills

AEROS 210 - Team and Leadership Fundamentals

Course Information

Teaching Area (new)
AEROS

Course Number
210

Teaching Area
AEROS

Course Title
Team and Leadership Fundamentals

Course Description
Understanding of leadership, team building, preparing students for field training and leadership positions in the detachment.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Aeros 200

Learning Outcomes

Title
Evolution of Air and Space Power

Tags
40410, 1

Learning Outcome
Comprehend the events, leaders, and technical developments that surrounded the evolution of USAF air and space power

Title
Communications Skills

Tags
40416, 2

Learning Outcome
Demonstrate basic verbal and written communication skills

Title
Air and Space Power

Tags
40448, 0

Learning Outcome
Know the key terms and definitions used to describe air and space power

Title
Air Force Core Values

Tags
40464, 3

Learning Outcome
Comprehend the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power

AEROS 211 - Team and Leadership Fundamentals

Course Information

Teaching Area (new)
AEROS

Course Number
211

Teaching Area
AEROS

Course Title
Team and Leadership Fundamentals

Course Description
Understanding of leadership, team building, preparing students for field training and leadership positions in the detachment.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Aeros 201

Learning Outcomes

Title
Evolution of Air and Space Power

Learning Outcome
Comprehend the events, leaders, and technical developments that surrounded the evolution of USAF air and space power

Title
Communications Skills

Learning Outcome
Demonstrate basic verbal and written communication skills

Title
Air and Space Power

Learning Outcome
Know the key terms and definitions used to describe air and space power

Title
Air Force Core Values

Learning Outcome
Comprehend the Air Force Core Values and examples of their use throughout the evolution of USAF air and space power

AEROS 300 - Leadership Laboratory--Juniors.

Course Information

Teaching Area (new)
AEROS

Course Number
300

Teaching Area
AEROS

Course Title
Leadership Laboratory--Juniors.

Course Description
As listed for Aeros 100/101. Students perform as cadet officers. Emphasis on leadership development.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Advanced Field Training Skills

Tags
40432, 2

Learning Outcome
Know and apply advanced field training skills

Title
Physical Fitness

Tags
40440, 3

Learning Outcome
Be physically fit

Title
Basic Military Skills

Tags
40445, 0

Learning Outcome
Know and apply basic military skills

Title
Basic Field Training Skills

Tags
40468, 1

Learning Outcome
Know and apply basic filed training skills

AEROS 301 - Leadership Laboratory--Juniors.

Course Information

Teaching Area (new)
AEROS

Course Number
301

Teaching Area
AEROS

Course Title
Leadership Laboratory--Juniors.

Course Description
As listed for Aeros 100/101. Students perform as cadet officers. Emphasis on leadership development.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Military Skills

Tags
40441, 0

Learning Outcome
Know and apply Basic Military Skills.

Title
Basic Field Training

Tags
40459, 1

Learning Outcome
Know and apply Basic Field Training Skills.

Title
Advanced Field Training Skills

Tags
40465, 2

Learning Outcome
Know and apply Advanced Field Training Skills.

Title
Pysical Fitness

Tags
40481, 3

Learning Outcome
Be physically fit.

AEROS 310 - Leading People and Effective Communication

Course Information

Teaching Area (new)
AEROS

Course Number
310

Teaching Area
AEROS

Course Title
Leading People and Effective Communication

Course Description
In-depth look at leadership, communication skills, giving students an opportunity to use these techniques in a supervised environment.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- AEROS 210 - Team and Leadership Fundamentals
  AND AEROS 211 - Team and Leadership Fundamentals

Other Prerequisites
Concurrent enrollment in Aeros 300

Learning Outcomes

Title
Leadership

Tags
40431, 0

Learning Outcome
Define the concept of leadership

Title
Leadership Theories

Tags
40472, 3

Learning Outcome
Identify the major research theories of leadership and its processes

Title
Leadership and Management Relationship

Tags
40480, 1

Learning Outcome
Explain the relationship between leadership and management

Title
Interactional Framework of Leadership

Tags
40482, 4

Learning Outcome
Explain the interactional framework of leadership

Title
Leadership Effectiveness

Tags
40484, 2

Learning Outcome
Explain the ways of determining leadership effectiveness

AEROS 311 - Leading People and Effective Communication

Course Information

Teaching Area (new)
AEROS

Course Number
311

Teaching Area
AEROS

Course Title
Leading People and Effective Communication

Course Description
In-depth look at leadership, communication skills, giving students an opportunity to use these techniques in a supervised environment.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AEROS 210 - Team and Leadership Fundamentals
  AND AEROS 211 - Team and Leadership Fundamentals

Other Prerequisites
Concurrent enrollment in Aeros 301

Learning Outcomes

Title
Leadership and Management

Tags
40412, 1

Learning Outcome
Explain the relationship between leadership and management.

Title
Major Research Theories

Tags
40421, 3

Learning Outcome
Identify the major research theories of leadership and its processes.

Title
Leadership

Tags
40444, 0

Learning Outcome
Define the concept of leadership.

Title
Determining Leadership Effectiveness

Tags
40466, 2

Learning Outcome
Explain the ways of determining leadership effectiveness.

Title
Interactional Framework

Tags
40473, 4

Learning Outcome
Explain the Interactional Framework of Leadership.

AEROS 399R - Academic Internship: Leadership Intern Program

Course Information

Teaching Area (new)
AEROS

Course Number
399R

Teaching Area
AEROS

Course Title
Academic Internship: Leadership Intern Program

Course Description
Air Force ROTC field leadership training course. Provides advanced fundamentals of military leadership, planning, organizing, and team building at various levels of responsibility.

Department
Aerospace Studies

When Taught
Spring and Summer Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department chair's consent

Note
NOTE: Enrollment limited to Air Force ROTC cadets. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Air Force Core Values

Tags
40433, 0

Learning Outcome
Understand and implement in theoretical situations Air Force core values

Title
Leadership

Tags
40457, 1

Learning Outcome
Explain Air Force leadership principles

Title
Effective Leadership

Tags
40477, 2

Learning Outcome
Recognize the traits and methods of effective leadership in the military

AEROS 400R - Leadership Laboratory--Seniors.

Course Information

Teaching Area (new)
AEROS

Course Number
400R

Teaching Area
AEROS

Course Title
Leadership Laboratory--Seniors.

Course Description
As listed for Aeros 100/101. Senior cadets perform in leadership positions in planning and conducting all activities of the cadet corps.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Field Training Skills

Tags
40439, 1

Learning Outcome
Know and apply basic field training skills

Title
Basic Military Skills

Tags
40447, 0

Learning Outcome
Know and apply basic military skills

Title
Physical Fitness

Tags
40453, 3

Learning Outcome
Be physically fit

Title
Advanced Field Training Skills

Tags
40458, 2

Learning Outcome
Know and apply advanced field training skills

AEROS 401R - Leadership Laboratory--Seniors.

Course Information

Teaching Area (new)
AEROS

Course Number
401R

Teaching Area
AEROS

Course Title
Leadership Laboratory--Seniors.

Course Description
As listed for Aeros 100/101. Senior cadets perform in leadership positions in planning and conducting all activities of the cadet corps.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Basic Military Skills

Tags
40418, 0

Learning Outcome
Know and apply basic military skills

Title
Advanced Field Training Skills

Tags
40436, 2

Learning Outcome
Know and apply advanced field training skills

Title
Physical Fitness

Tags
40455, 3

Learning Outcome
Be physically fit

Title
Basic Field Training Skills

Tags
40467, 1

Learning Outcome
Know and apply basic field training skills

AEROS 410 - National Security, Leadership Responsibilities, and Commissioning Preparation

Course Information

Teaching Area (new)
AEROS

Course Number
410

Teaching Area
AEROS

Course Title
National Security, Leadership Responsibilities, and Commissioning Preparation

Course Description
This course provides the foundation to understand role as military officers and how it is directly tied to our National Security.

Department
Aerospace Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AEROS 310 - Leading People and Effective Communication **AND** AEROS 311 - Leading People and Effective Communication

Other Prerequisites
Concurrent enrollment in Aeros 400R

Learning Outcomes

Title
Military Transition

Tags
40424, 7

Learning Outcome
Understand the factors that facilitate a smooth transition from civilian to military life

Title
Air and Space Power Functions

Tags
40438, 1

Learning Outcome
Know the air and space power functions and capabilities

Title
Military Profession

Tags
40456, 3

Learning Outcome
Understand current issues affecting the military profession

Title
Military Roles

Tags
40460, 2

Learning Outcome
Understand selected roles of the military in society

Title
Military Justice

Tags
40462, 4

Learning Outcome
Understand the military justice system

Title
National Security Policy

Tags
40469, 0

Learning Outcome
Know the basic elements of national security policy and process

Title
Communication Skills

Tags
40471, 6

Learning Outcome
Apply listening, speaking, and writing skills in Air Force particular formats and situations with accuracy, clarity, and appropriate style

Title
Air Force Commander

Tags
40483, 5

Learning Outcome
Comprehend the responsibility, authority, and functions of an Air Force commander

AEROS 411 - National Security, Leadership Responsibilities & Commissioning Preparation

Course Information

Teaching Area (new)
AEROS

Course Number
411

Teaching Area
AEROS

Course Title
National Security, Leadership Responsibilities & Commissioning Preparation

Course Description
This course provides the foundation to understand role as military officers and how it is directly tied to our National Security.

Department
Aerospace Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AEROS 310 - Leading People and Effective Communication **AND** AEROS 311 - Leading People and Effective Communication

Other Prerequisites
Concurrent enrollment in Aeros 401R.

Learning Outcomes

Title
Transitioning to Military Life

Tags
40415, 7

Learning Outcome
Be capable of applying the factors that facilitate a smooth transition from civilian to military life.

Title
Current Military Issues

Tags
40417, 3

Learning Outcome
Be able to discuss current issues affecting the military profession.

Title
Communication Skills

Tags
40429, 6

Learning Outcome
Apply listening, speaking, and writing skills in Air Force particular formats and situations with accuracy, clarity, and appropriate style.

Title
National Security Policy

Tags
40434, 0

Learning Outcome
Be able to explain the basic elements of national security policy and process.

Title
Air and Space Power

Tags
40443, 1

Learning Outcome
Know the air and space power functions and capabilities.

Title
Role of the Military

Tags
40450, 2

Learning Outcome
Differentiate between selected roles of the military in society.

Title
Military Justice

Tags
40463, 4

Learning Outcome
Know how the military justice system operates.

Title
Responsibility of an Air Force Commander

Tags
40476, 5

Learning Outcome
Comprehend the responsibility, authority, and functions of an Air Force commander.

AFRIK 100 - Language Study: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
100

Teaching Area
AFRIK

Course Title
Language Study: Afrikaans

Course Description
Survival-level conversation, reading, listening, and culture skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195431, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195432, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195433, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

AFRIK 101 - First-Year Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
101

Teaching Area
AFRIK

Course Title
First-Year Afrikaans

Course Description
Beginning speaking, listening, reading, and writing skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Writing

Tags
193084, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Speaking

Tags
193108, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Culture

Tags
193114, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Comprehension

Tags
193240, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

AFRIK 102 - First-Year Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
102

Teaching Area
AFRIK

Course Title
First-Year Afrikaans

Course Description
Beginning speaking, listening, reading, and writing skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 101 - First-Year Afrikaans

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
193162, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Writing

Tags
193206, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Speaking

Tags
193210, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193229, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

AFRIK 201 - Second-Year Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
201

Teaching Area
AFRIK

Course Title
Second-Year Afrikaans

Course Description
Intermediate speaking, listening, reading, and writing skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 102 - First-Year Afrikaans

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193057, 1

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Culture

Tags
193173, 3

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Title
Elaboration

Tags
193217, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193218, 2

Learning Outcome
Review and increase understanding of basic language structures.

AFRIK 202 - Second-Year Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
202

Teaching Area
AFRIK

Course Title
Second-Year Afrikaans

Course Description
Continued emphasis on Afrikaans communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 201 - Second-Year Afrikaans

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Note
Culminating course for GE Languages of Learning requirement.

Learning Outcomes

Title
Cultural Knowledge

Tags
191512, 6

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
191850, 8

Learning Outcome
Complete language and cultural aspects of General Education"Languages of Learning" and "Global & Cultural Awarness" requirments.

Title
Comprehension

Tags
193096, 3

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Communication skills

Tags
193112, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

AFRIK 211R - Second-Year Conversation

Course Information

Teaching Area (new)
AFRIK

Course Number
211R

Teaching Area
AFRIK

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 201 - Second-Year Afrikaans

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193356, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193366, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194558, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

AFRIK 305 - Languages Skills Development: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
305

Teaching Area
AFRIK

Course Title
Languages Skills Development: Afrikaans

Course Description
Increasing proficiency in one or more of the following target-language or target-culture Afrikaans language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195434, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195435, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195436, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

AFRIK 311R - Third-Year Conversation

Course Information

Teaching Area (new)
AFRIK

Course Number
311R

Teaching Area
AFRIK

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills in Afrikaans.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 202 - Second-Year Afrikaans

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Pronunciation and Accuracy

Tags
193376, 4

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

Title
Conversations

Tags
193377, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

Title
Organized Speech

Tags
193378, 2

Learning Outcome
Begin to speak in "oral paragraphs."

Title
Strategies

Tags
193381, 3

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

AFRIK 321 - Advanced Grammar: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
321

Teaching Area
AFRIK

Course Title
Advanced Grammar: Afrikaans

Course Description
Advance your Afrikaans through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 202 - Second-Year Afrikaans

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195437, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195438, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195439, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
330

Teaching Area
AFRIK

Course Title
Advanced Language Proficiency Through Cultural Studies: Afrikaans

Course Description
Study of Afrikaans culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Afrik 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195453, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195454, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195455, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195456, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

AFRIK 340 - Introduction to Literature: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
340

Teaching Area
AFRIK

Course Title
Introduction to Literature: Afrikaans

Course Description
Explore Afrikaans culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195457, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195458, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195459, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195460, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

AFRIK 350 - Advanced Language Study for Career Purposes: Afrikaans

Course Information

Teaching Area (new)
AFRIK

Course Number
350

Teaching Area
AFRIK

Course Title
Advanced Language Study for Career Purposes: Afrikaans

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AFRIK 330 - Advanced Language Proficiency Through Cultural Studies: Afrikaans

Learning Outcomes

Title
Defined Career Purposes

Tags
195461, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195462, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195463, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195464, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195465, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

AKAN 100 - Language Study: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
100

Teaching Area
AKAN

Course Title
Language Study: Akan

Course Description
Survival-level conversation, reading, listening, and culture skills in Akan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195466, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195467, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195468, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

AKAN 101 - First-Year Language Study: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
101

Teaching Area
AKAN

Course Title
First-Year Language Study: Akan

Course Description
Beginning speaking, listening, reading, and writing skills in Akan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195469, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195470, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195471, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195472, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

AKAN 102 - First-Year Language Study: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
102

Teaching Area
AKAN

Course Title
First-Year Language Study: Akan

Course Description
Second-semester speaking, listening, reading, and writing skills in Akan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 101 - First-Year Language Study: Akan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195473, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195474, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195475, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195476, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

AKAN 201 - Second-Year Language Study: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
201

Teaching Area
AKAN

Course Title
Second-Year Language Study: Akan

Course Description
Intermediate speaking, listening, reading, and writing skills in Akan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 102 - First-Year Language Study: Akan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195477, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195478, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195479, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195480, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

AKAN 202 - Second-Year Language Study: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
202

Teaching Area
AKAN

Course Title
Second-Year Language Study: Akan

Course Description
Continued emphasis on Akan communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 201 - Second-Year Language Study: Akan

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195481, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195482, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195483, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195484, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

AKAN 305 - Language Skills Development: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
305

Teaching Area
AKAN

Course Title
Language Skills Development: Akan

Course Description
Increasing proficiency in one or more of the following Akan language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195485, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195486, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195487, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

AKAN 321 - Advanced Grammar: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
321

Teaching Area
AKAN

Course Title
Advanced Grammar: Akan

Course Description
Systematic review of grammar and syntax of Akan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 202 - Second-Year Language Study: Akan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195488, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195489, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195490, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
330

Teaching Area
AKAN

Course Title
Advanced Language Proficiency Through Cultural Studies: Akan

Course Description
Study of Akan culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Akan 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195440, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195441, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195442, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195443, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

AKAN 340 - Introduction to Literature: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
340

Teaching Area
AKAN

Course Title
Introduction to Literature: Akan

Course Description
Advanced study of literature of Akan literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
195444, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195445, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195446, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skill

Tags
195447, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

AKAN 350 - Advanced Language Study for Career Purposes: Akan

Course Information

Teaching Area (new)
AKAN

Course Number
350

Teaching Area
AKAN

Course Title
Advanced Language Study for Career Purposes: Akan

Course Description
Concentration on Akan language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AKAN 330 - Advanced Language Proficiency Through Cultural Studies: Akan

Learning Outcomes

Title
Defined Career Purposes

Tags
195448, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195449, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195450, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195451, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195452, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

ALBAN 100 - Language Study: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
100

Teaching Area
ALBAN

Course Title
Language Study: Albanian

Course Description
Survival-level conversation, reading, listening, and culture skills in Albanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195491, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195492, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195493, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ALBAN 101 - First-Year Language Study: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
101

Teaching Area
ALBAN

Course Title
First-Year Language Study: Albanian

Course Description
Beginning speaking, listening, reading, and writing skills in Albanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195494, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195495, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195496, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195497, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ALBAN 102 - First-Year Language Study: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
102

Teaching Area
ALBAN

Course Title
First-Year Language Study: Albanian

Course Description
Second-semester speaking, listening, reading, and writing skills in Albanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ALBAN 101 - First-Year Language Study: Albanian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195498, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195509, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195511, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195513, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ALBAN 201 - Second-Year Language Study: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
201

Teaching Area
ALBAN

Course Title
Second-Year Language Study: Albanian

Course Description
Intermediate speaking, listening, reading, and writing skills in Albanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ALBAN 102 - First-Year Language Study: Albanian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195516, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195519, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195523, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195527, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ALBAN 202 - Second-Year Language Study: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
202

Teaching Area
ALBAN

Course Title
Second-Year Language Study: Albanian

Course Description
Continued emphasis on Albanian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ALBAN 201 - Second-Year Language Study: Albanian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
195529, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195530, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195531, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195532, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ALBAN 305 - Language Skills Development: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
305

Teaching Area
ALBAN

Course Title
Language Skills Development: Albanian

Course Description
Increasing proficiency in one or more of the following Albanian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195535, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195540, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195542, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ALBAN 321 - Advanced Grammar: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
321

Teaching Area
ALBAN

Course Title
Advanced Grammar: Albanian

Course Description
Advance your Albanian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195543, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195544, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195546, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
330

Teaching Area
ALBAN

Course Title
Advanced Language Proficiency Through Cultural Studies: Albanian

Course Description
Study of Albanian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Alban 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195550, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195555, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195560, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195567, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ALBAN 340 - Introduction to Literature: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
340

Teaching Area
ALBAN

Course Title
Introduction to Literature: Albanian

Course Description
Explore Albanian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195574, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195580, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195584, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195595, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

ALBAN 350 - Advanced Language Study for Career Purposes: Albanian

Course Information

Teaching Area (new)
ALBAN

Course Number
350

Teaching Area
ALBAN

Course Title
Advanced Language Study for Career Purposes: Albanian

Course Description
Concentration on Albanian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ALBAN 330 - Advanced Language Proficiency Through Cultural Studies: Albanian

Learning Outcomes

Title
Defined Career Purposes

Tags
195602, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195605, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195608, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195612, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195616, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

AM ST 300 - Literature and Cultures of the American West

Course Information

Teaching Area (new)
AM ST

Course Number
300

Teaching Area
AM ST

Course Title
Literature and Cultures of the American West

Course Description
Literature and cultural representations of the American West and the frontier.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Fall or Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
191336, 11

Learning Outcome
Form a research strategy, independently locate relevant digital and print sources, and draw upon these to develop an effective written argument pertinent to the literature and cultures of the American West.

Title
Writing

Tags
191337, 14

Learning Outcome
Produce polished, competent, formal writing, free from distracting errors in mechanics, syntax, and formatting, and in accordance with MLA formatting and citation guidelines.

Title
One

Tags
199826, 1

Learning Outcome
Students will be able to cite major texts of western American literature and theory to support logical arguments about western literature and culture.

Title
Two

Tags
199833, 2

Learning Outcome
Students will be able to place a variety of western literary texts within historical, religious, environmental, social, and literary contexts, considering the American West as a distinct US region and as an engine in the construction of broader American and international cultures.

Title
Three

Tags
199835, 3

Learning Outcome
Students will be able to persuasively communicate their mastery of major historical and conceptual themes and issues that are distinctive to the study of the American West demonstrating competence with written conventions of the field.

AM ST 301 - Western American Studies Seminar

Course Information

Teaching Area (new)
AM ST

Course Number
301

Teaching Area
AM ST

Course Title
Western American Studies Seminar

Course Description
Advanced interdisciplinary seminar to deepen regional awareness and understanding of the American West.

Department
International and Area Studies

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

AM ST 303 - Introduction to American Studies

Course Information

Teaching Area (new)
AM ST

Course Number
303

Teaching Area
AM ST

Course Title
Introduction to American Studies

Course Description
Offers a historical, theoretical, and practical overview of the discipline of American Studies.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
One

Tags
199871, 0

Learning Outcome
In this course, students will gain insights into the field of American Studies that will orient them as they, outside of class, create and tweak their plans of study and pursue extra-curricular activities. These insights into the discipline of American Studies will also help students to maintain a sense of themselves as American Studies majors even as they are enrolled in courses taught in other disciplines.

Title
Two

Tags
199872, 1

Learning Outcome
Through a series of readings, discussions, and writing assignments, this course affords students a view of American Studies as a coherent field with its own disciplinary history and preoccupations. These activities will also help students gain a knowledge of the ways in which the field of American Studies has been interdisciplinary, drawing intellectual energy from history, literary studies, anthropology, feminist studies, and other fields

Title
Three

Tags
199873, 2

Learning Outcome
In this course, students will think systematically about the ways American Studies scholars analyze various aspects of American culture. Students will also put these thoughts into practice

Title
Four

Tags
199874, 3

Learning Outcome
American Studies graduates will be able to formulate both their oral and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language and some stylistic flair-all according to the best practices of the variety of disciplines and situations in which they are engaged. In this course, students will present oral arguments; they will also write two formal papers.

AM ST 304 - American Studies Methodologies and Writing Practices

Course Information

Teaching Area (new)
AM ST

Course Number
304

Teaching Area
AM ST

Course Title
American Studies Methodologies and Writing Practices

Course Description
Offers students a practical grounding in American Studies methodologies and approaches to writing.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AM ST 303 - Introduction to American Studies

Learning Outcomes

Title
Analyze Rigorously

Tags
199875, 1

Learning Outcome
Students will be able to read critically and analyze a variety of cultural texts and artifacts using the theoretical approaches central to the field of American Studies. Students will develop the skills necessary to analyze their peers' writing and their own writing with an eye towards composition and revision.

Title
Communicate Persuasively

Tags
199876, 2

Learning Outcome
Students will construct a conference length (8-10 page) paper employing purposeful rhetorical moves, responsible research strategies, and American Studies methods to develop a coherent and logical argument that makes a significant claim. Students will mature as writers as they devise productive and flexible individual and collaborative processes of writing, including methods for gathering evidence, organizing their argument, prewriting, drafting, revising, editings, proofreading, and peer reviewing.

Title
Engage Disciplinarily and Interdisciplinarily

Tags
199877, 0

Learning Outcome
Students will be able to define American Studies as a distinct discipline with its own intellectual history, analytical strategies, and scholarly methodologies even as they draw from and converse with other disciplines examining the American experience.

AM ST 360 - Film in American Culture

Course Information

Teaching Area (new)
AM ST

Course Number
360

Teaching Area
AM ST

Course Title
Film in American Culture

Course Description
Selected readings, lectures, and analysis of specific motion pictures as social documents, reflecting different facets of the American experience.

Department
International and Area Studies

When Taught
Fall or Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
One

Tags
199747, 1

Learning Outcome
Students will be able to define and analyze a selected group of American films using methods and perspectives drawn from American Studies and film studies, and by the end of the semester will be able to apply those methods and perspectives to a broader range of films.

Title
Two

Tags
199748, 2

Learning Outcome
Students will be able to rigorously analyze thematically or chronologically selected films to gain insight into American culture and American experience.

Title
Three

Tags
199749, 3

Learning Outcome
Students will formulate clearly and persuasively supported arguments using best practices in the study of film and American culture.

Title
Three

Tags
199824, 2

Learning Outcome
Students will formulate clearly and persuasively supported arguments using best practices in the study of film and American culture.

Title
Two

Tags
199828, 1

Learning Outcome
Students will be able to rigorously analyze thematically or chronologically selected films to gain insight into American culture and American experience.

Title
One

Tags
199834, 0

Learning Outcome
Students will be able to define and analyze a selected group of American films using methods and perspectives drawn from American Studies and film studies, and by the end of the semester will be able to apply those methods and perspectives to a broader range of films.

AM ST 390R - Topics in American Studies

Course Information

Teaching Area (new)
AM ST

Course Number
390R

Teaching Area
AM ST

Course Title
Topics in American Studies

Course Description
Multidisciplinary study of a carefully defined problem in American culture. Topics vary.

Department
International and Area Studies

When Taught
Fall or Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
One

Tags
199750, 1

Learning Outcome
Students will be able to employ disciplinary and interdisciplinary perspectives to address a key problem or question in American culture.

Title
Two

Tags
199751, 2

Learning Outcome
Students will, in a variety of written assignments, rigorously analyze cultural and textual research sources.

Title
Three

Tags
199752, 3

Learning Outcome
Students will be able to communicate persuasively in oral and written forms following the conventions of the field.

Title
Two

Tags
199805, 1

Learning Outcome
Students will, in a variety of written assignments, rigorously analyze cultural and textual research sources.

Title
Three

Tags
199820, 2

Learning Outcome
Students will be able to communicate persuasively in oral and written forms following the conventions of the field.

Title
One

Tags
199823, 0

Learning Outcome
Students will be able to employ disciplinary and interdisciplinary perspectives to address a key problem or question in American culture.

AM ST 392R - American Studies Lecture Series

Course Information

Teaching Area (new)
AM ST

Course Number
392R

Teaching Area
AM ST

Course Title
American Studies Lecture Series

Course Description
Introduce research in American Studies and Western American Studies. Speakers from BYU and other institutions share their research. Students engage with lecturers by developing questions, then evaluate and write about ideas.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Engage Disciplinarily and Interdisciplinarily

Tags
199753, 1

Learning Outcome
Students will be introduced to the latest research in American Studies and Western American Studies by attending a weekly lecture series.

Title
Thinking Critically

Tags
199754, 2

Learning Outcome
Students will be able engage with the lecturers by asking questions and responding to teach lecture.

Title
Analyze Rigorously

Tags
199755, 3

Learning Outcome
Students will be able to evaluate and write clearly about the ideas presented in the lectures.

Title
Engage Disciplinarily and Interdisciplinarily

Tags
199807, 0

Learning Outcome
Students will be introduced to the latest research in American Studies and Western American Studies by attending a weekly lecture series.

Title
Analyze Rigorously

Tags
199816, 2

Learning Outcome
Students will be able to evaluate and write clearly about the ideas presented in the lectures.

Title
Thinking Critically

Tags
199829, 1

Learning Outcome
Students will be able engage with the lecturers by asking questions and responding to teach lecture.

AM ST 399R - Academic Internship

Course Information

Teaching Area (new)
AM ST

Course Number
399R

Teaching Area
AM ST

Course Title
Academic Internship

Course Description
Examining the American experience from a variety of standpoints. Honing skills in writing; literary criticism; historical research; and social, political, and economic analysis.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
One

Tags
199756, 1

Learning Outcome
Using available resources, students will be able to work independently to arrange and complete an internship that will help them explore post-graduation career possibilities.

Title
Two

Tags
199757, 2

Learning Outcome
Students will be able to analyze and act in accord with the conventions, texts, and/or artifacts of the field in which they arrange their internship; they will develop a fuller understanding of regional, national, and/or international modes of American experience.

Title
Three

Tags
199758, 3

Learning Outcome
Students will improve their oral and written skills according to the best practices of the internship situation in which they are engaged, as evaluated by internship supervisors and coordinators.

Title
Two

Tags
199825, 1

Learning Outcome
Students will be able to analyze and act in accord with the conventions, texts, and/or artifacts of the field in which they arrange their internship; they will develop a fuller understanding of regional, national, and/or international modes of American experience.

Title
One

Tags
199827, 0

Learning Outcome
Using available resources, students will be able to work independently to arrange and complete an internship that will help them explore post-graduation career possibilities.

Title
Three

Tags
199830, 2

Learning Outcome
Students will improve their oral and written skills according to the best practices of the internship situation in which they are engaged, as evaluated by internship supervisors and coordinators.

AM ST 490 - American Studies Capstone

Course Information

Teaching Area (new)
AM ST

Course Number
490

Teaching Area
AM ST

Course Title
American Studies Capstone

Course Description
In-depth review of American Studies theories, methods, and criticism; content varies; requires original research and substantial writing of paper intended for publication.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AM ST 303 - Introduction to American Studies
  AND AM ST 304 - American Studies Methodologies and Writing Practices

Other Prerequisites
Senior status or program coordinator's consent

Learning Outcomes

Title
Engage Disciplinarily and Interdisciplinarily

Tags
199759, 1

Learning Outcome
Through class discussions and writing activities, students will be able to demonstrate a fluency in the disciplinary trends of American Studies, an understanding of the field's inherent interdisciplinarity, and an ability to draw upon knowledge that they have acquired in courses taken in other disciplines.

Title
Analyze Rigorously

Tags
199760, 2

Learning Outcome
Students will be able to demonstrate high proficiency in reading critically and analyzing primary historical, secondary historical, theoretical, and critical texts. Students will exhibit this high proficiency through engaging in the methods central to the field of American Studies: textual analysis, archive building, institutional contextualization, and theorizing.

Title
Communicate Persuasively

Tags
199761, 3

Learning Outcome
Capstone participants will be able to formulate both their oral and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language, style, and the best practices of the discipline.

Title
Work Independently

Tags
199762, 4

Learning Outcome
Students will be able to develop their own research project (formulate a sophisticated research question, independently conduct primary and secondary research, and employ the writing skills they have developed over the course of the major) in order to write an original 15–20 page research paper in the last third of the course.

Title
Engage Disciplinarily and Interdisciplinarily

Tags
199802, 1

Learning Outcome
Through class discussions and writing activities, students will be able to demonstrate a fluency in the disciplinary trends of American Studies, an understanding of the field’s inherent interdisciplinarity, and an ability to draw upon knowledge that they have acquired in courses taken in other disciplines.

Title
Communicate Persuasively

Tags
199815, 3

Learning Outcome
Capstone participants will be able to formulate both their oral and written arguments coherently, support them clearly, and communicate them effectively to their audiences using correct conventions of language, style, and the best practices of the discipline.

Title
Analyze Rigorously

Tags
199818, 2

Learning Outcome
Students will be able to demonstrate high proficiency in reading critically and analyzing primary historical, secondary historical, theoretical, and critical texts. Students will exhibit this high proficiency through engaging in the methods central to the field of American Studies: textual analysis, archive building, institutional contextualization, and theorizing.

Title
Work Independently

Tags
199841, 3

Learning Outcome
Students will be able to develop their own research project (formulate a sophisticated research question, independently conduct primary and secondary research, and employ the writing skills they have developed over the course of the major) in order to write an original 15–20 page research paper in the last third of the course.

AMHAR 101 - First-Year Language Study: Amharic

Course Information

Course Number
101

Teaching Area
AMHAR

Course Title
First-Year Language Study: Amharic

Course Description
First-semester speaking, listening, reading, and writing skills in Amharic

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken Amharic relating to familiar topics.

Title
Speaking

Learning Outcome
Speak Amharic well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in Amharic consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in the Amharic culture.

AMHAR 102 - First-Year Language Study: Amharic

Course Information

Course Number
102

Teaching Area
AMHAR

Course Title
First-Year Language Study: Amharic

Course Description
Second-semester speaking, listening, reading, and writing skills in Amharic

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Recommended
Amharic 101

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken Amharic relating to familiar topics.

Title
Speaking

Learning Outcome
Speak Amharic well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in Amharic consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in Amharic culture.

AMHAR 201 - Second-Year Language Study: Amharic

Course Information

Course Number
201

Teaching Area
AMHAR

Course Title
Second-Year Language Study: Amharic

Course Description
Intermediate speaking, listening, reading, and writing skills in Amharic

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
Amharic 102

Learning Outcomes

Title
Elaboration

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past, and future time.

Title
Vocabulary

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Learning Outcome
Demonstrate understanding of basic language structures.

Title
Culture

Learning Outcome
Discuss common products and practices related to every-day life in Amharic culture.

AMHAR 202 - Second-Year Language Study: Amharic

Course Information

Course Number
202

Teaching Area
AMHAR

Course Title
Second-Year Language Study: Amharic

Course Description
Continued emphasis on Amharic communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
Amharic 201

Learning Outcomes

Title
Communication Skills

Learning Outcome
Communicate in both the written and spoken Amharic with reasonable accuracy about real-world activities with well-educated members of the target culture who are accustomed to dealing with non-native speakers.

Title
Comprehension

Learning Outcome
Demonstrate understanding of everyday written and verbal instructions. Demonstrate comprehension of concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Learning Outcome
Discuss in Amharic cultural practices related to everyday life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government, and religious institutions, etc.).

ANES 201 - Introduction to Ancient Near Eastern Studies

Course Information

Teaching Area (new)
ANES

Course Number
201

Teaching Area
ANES

Course Title
Introduction to Ancient Near Eastern Studies

Course Description
Historical background, research skills, and methods of academic inquiry relevant to ancient Near Eastern Studies.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Intro to and Challenges within ANES Scholarship

Tags
199925, 2

Learning Outcome
Introduce students to the issues in the study of the Ancient Near East that have an impact on understanding the Hebrew Bible and the New Testament, including a discussion on the challenges "believing" students face, LDS in particular. This will include a discussion of some of the ethical issues in current scholarship.

Title
Developing ANES skills

Tags
199926, 3

Learning Outcome
Help students critically read, discuss, research and write about ancient texts with methodological rigor and academic integrity.

Title
Survey ANES history, culture and major texts

Tags
200130, 4

Learning Outcome
Introduce students to the field of Ancient Near Eastern Studies, including the historical and geographical breadth from 3000 b.c.e. down to 600 c.e., the development of the field of study, the major texts and their standard editions, research skills, major terms, and employment possibilities.

ANES 301 - Methods and Sources for the Study of the Hebrew Bible

Course Information

Course Number
301

Teaching Area
ANES

Course Title
Methods and Sources for the Study of the Hebrew Bible

Course Description
This class is an introduction to the academic study of the Hebrew Bible (Old Testament) designed for ANES majors and minors. It considers the historical context, cultural setting, literary framing, and content of key biblical writings, as well as various disciplinary and faith-informing approaches taken to these writings within the field of biblical studies.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- ANES 201 - Introduction to Ancient Near Eastern Studies

Learning Outcomes

Title
Methodological Competency

Learning Outcome
In this course, students will learn the basic sources, methods, and issues involved in an academic study of the Hebrew Bible (Old Testament). These will include an introduction to the authorship, audience, historical setting, literary framing, and content of key biblical writings; a history and evaluation of disciplinary approaches to these writings; and an overview of critical methodologies that are often used to study biblical texts. Such introductory topics will help orient students in achieving the broader learning outcomes of their ANES major or minor, including being able to read and interpret biblical texts within their historical, cultural, and literary contexts in a way that will prepare students for future studies within the discipline.

Title
Analytical Thinking and Writing

Learning Outcome
To further help students prepare for future studies within the discipline, students in this course will develop critical thinking and analytical writing skills by producing a series of short assessment papers on the topics they are studying throughout the semester. While not full research papers (which will be expected later in their studies within the major or minor), these assignments will assist students in understanding, evaluating, and forming their own perspectives on the key texts, methodologies, and academic approaches to the study of the Hebrew Bible.

Title
Spiritual Development

Learning Outcome
In this course, students will learn to navigate the academic study of the Hebrew Bible in a faith-informing way that will be spiritually strengthening and help them on their journey of becoming lifelong “disciple-scholars.” This will occur as such faith-informing approaches to the academic material are modelled to them by their instructor, as well as through in-class discussions about ways to integrate disciplinary approaches to biblical texts with constructive perspectives on the nature, role, and scripture within the community of faith.

ANES 302 - Methods and Sources for the Study of the Greek New Testament

Course Information

Course Number
302

Teaching Area
ANES

Course Title
Methods and Sources for the Study of the Greek New Testament

Course Description
This class is an introduction to the academic study of the Greek New Testament designed for ANES majors and minors. It considers the historical context, cultural setting, literary framing, and content of key biblical writings, as well as various disciplinary and faith-informing approaches taken to these writings within the field of biblical studies..

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- ANES 201 - Introduction to Ancient Near Eastern Studies

Learning Outcomes

Title
Methodological Competency

Learning Outcome
In this course, students will learn the basic sources, methods, and issues involved in an academic study of the Greek New Testament. These will include an introduction to the authorship, audience, historical setting, literary framing, and content of key New Testament writings; a history and evaluation of disciplinary approaches to these writings; and an overview of critical methodologies that are often used to study New Testament texts. Such introductory topics will help orient students in achieving the broader learning outcomes of their ANES major or minor, including being able to read and interpret New Testament writings within their historical, cultural, and literary contexts in a way that will prepare students for future studies within the discipline.

Title
Analytical Thinking and Writing

Learning Outcome
To further help students prepare for future studies within the discipline, students in this course will develop critical thinking and analytical writing skills by producing a series of short assessment papers on the topics they are studying throughout the semester. While not full research papers (which will be expected later in their studies within the major or minor), these assignments will assist students in understanding, evaluating, and forming their own perspectives on the key texts, methodologies, and academic approaches to the study of the New Testament.

Title
Spiritual Development

Learning Outcome
In this course, students will learn to navigate the academic study of the New Testament in a faith-informing way that will be spiritually strengthening and help them on their journey of becoming lifelong “disciple-scholars.” This will occur as such faith-informing approaches to the academic material are modelled to them by their instructor, as well as through in-class discussions about ways to integrate disciplinary approaches to biblical texts with constructive perspectives on the nature, role, and scripture within the community of faith.

ANES 310 - Material Culture of Ancient Israel

Course Information

Teaching Area (new)
ANES

Course Number
310

Teaching Area
ANES

Course Title
Material Culture of Ancient Israel

Course Description
This course will examine the material culture of ancient Canaan and ancient Israel (the land at the center of the Hebrew Bible) from ca. 2000 to 332 B.C.

Department
International and Area Studies

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 238 - Ancient Near East to 330 BC
  AND ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible

Learning Outcomes

Title
Factual Knowledge about Material Culture

Tags
199927, 1

Learning Outcome
Students will know and be able to interpret the significant aspects of material culture in the lands of ancient Canaan and Israel from ca. 2000 to 332 B.C. Students will also be able to place the archaeological profile of this region into conversation with the writings of the Hebrew Bible

Title
Research and Writing

Tags
199929, 3

Learning Outcome
Be able to research, analyze, and write clearly and persuasively about the issues just listed.

Title
Researcher approach and bias

Tags
199930, 4

Learning Outcome
Have considered how their own faith-views impact their approach to certain of the issues just listed.

ANES 311 - Material Culture of the Roman Near East

Course Information

Course Number
311

Teaching Area
ANES

Course Title
Material Culture of the Roman Near East

Course Description
This course will examine the material culture of the Roman Near East—focusing on Roman Palestine and its surrounding regions—from ca. 332 B.C. to A.D. 640.

Department
International and Area Studies

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- HIST 239 - Ancient Near East, 330 BC - 640 AD
  AND ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 302 - Methods and Sources for the Study of the Greek New Testament

Learning Outcomes

Title
Factual knowledge about history and culture

Learning Outcome
Students will know and be able to interpret the significant aspects of material culture in the land of Palestine and its surrounding regions from ca. 332 B.C. to A.D. 640.

Title
Research and Writing

Learning Outcome
Students will be able to research, analyze, and write clearly and persuasively about the factual knowledge acquired in this course.”

Title
Researcher approach and Bias

Learning Outcome
Students will consider how their own faith-views impact their approach to certain issues discussed in this course.

Title
Conversational Integration

Learning Outcome
Students will be able to place the archaeological profile of this region into conversation with the written texts of the Greek New Testament..

ANES 331 - Readings in Ancient Near Eastern Texts to 330 B.C

Course Information

Teaching Area (new)
ANES

Course Number
331

Teaching Area
ANES

Course Title
Readings in Ancient Near Eastern Texts to 330 B.C

Course Description
Reading and analysis of major ancient Near Eastern texts in English translation. Methodology for dealing with potential biblical parallels.

Department
International and Area Studies

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 238 - Ancient Near East to 330 BC
  AND ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible

Learning Outcomes

Title
Working with Texts

Tags
199931, 1

Learning Outcome
Students will be able to competently read, analyze, and communicate about ANE texts.

Title
Contextualizing Texts

Tags
199932, 2

Learning Outcome
Extrapolate cultural and historical information from primary texts, while accurately placing them in their original historical and cultural context.

Title
Scholarship on ANE Texts

Tags
199933, 3

Learning Outcome
Critically analyze and write about scholarly theories on major ANE texts.

ANES 332 - Readings in Classical Near Eastern Texts

Course Information

Teaching Area (new)
ANES

Course Number
332

Teaching Area
ANES

Course Title
Readings in Classical Near Eastern Texts

Course Description
Reading and analyzing major ancient Near Eastern texts in English translation. Methodology for dealing with potential biblical parallels.

Department
International and Area Studies

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 302 - Methods and Sources for the Study of the Greek New Testament
  AND HIST 239 - Ancient Near East, 330 BC - 640 AD

Learning Outcomes

Title
Scholarship on Classical Near Eastern Texts

Tags
199934, 3

Learning Outcome
Critically analyze and write about scholarly theories on major Classical Near Eastern texts.

Title
Contextualizing Texts

Tags
199935, 2

Learning Outcome
Extrapolate cultural and historical information from primary texts, while accurately placing them in their original historical and cultural context.

Title
Working with Texts

Tags
199936, 1

Learning Outcome
Students will be able to competently read, analyze, and communicate about Classical Near Eastern texts.

ANES 353R - Archaeological Fieldwork in the Near East

Course Information

Teaching Area (new)
ANES

Course Number
353R

Teaching Area
ANES

Course Title
Archaeological Fieldwork in the Near East

Course Description
Archaeological fieldwork and corresponding field school activities in the Near East.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Ancient Near Eastern Studies coordinator's consent

Learning Outcomes

Title
Fieldwork Experience

Tags
199937, 1

Learning Outcome
Credit for those students who participate in an authorized "dig" somewhere in the Near East, thus gaining firsthand experience with archaeological techiques, such as excavating, analyzing, and recording data. A written report on the experience is required for academic credit.

ANES 363 - Hebrew Bible Studies

Course Information

Teaching Area (new)
ANES

Course Number
363

Teaching Area
ANES

Course Title
Hebrew Bible Studies

Course Description
Current analytical methods used in academic study and interpretation of the Hebrew Bible.

Department
International and Area Studies

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible
  AND HIST 238 - Ancient Near East to 330 BC

Learning Outcomes

Title
ANES 363 Student's Approach to Hebrew Bible

Tags
189364, 3

Learning Outcome
Students will reflect and write about their own approach to the Hebrew Bible.

Title
ANES 363 Theories

Tags
200098, 0

Learning Outcome
Students will be introduced to the variety of interpretative strategies and theories about the Hebrew Bible

Title
ANES 363 LDS Interpretation

Tags
200102, 1

Learning Outcome
Students will analyze and interpret passages of scripture from the Hebrew Bible assisted by and comparing LDS and non-LDS sources and approaches.

ANES 390R - Directed Readings in Ancient Near Eastern Studies

Course Information

Teaching Area (new)
ANES

Course Number
390R

Teaching Area
ANES

Course Title
Directed Readings in Ancient Near Eastern Studies

Course Description
Directed individual study of historical topics or ancient texts.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Recommended
Written plan of study approved by both instructor and program coordinator

Learning Outcomes

Title
Disciplinary Knowledge

Tags
200133, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

ANES 392R - Topics in Ancient Near Eastern Studies

Course Information

Teaching Area (new)
ANES

Course Number
392R

Teaching Area
ANES

Course Title
Topics in Ancient Near Eastern Studies

Course Description
Topical studies in the ancient Near East based on student interest and faculty expertise.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Methodology

Tags
200125, 1

Learning Outcome
Students will demonstrate their ability to research and write / present in-depthabout a particular ANE topic, situating it within the larger field of ANES, employing both rigor and academic integrity.

ANES 395 - Junior Seminar in Ancient Near Eastern Studies

Course Information

Teaching Area (new)
ANES

Course Number
395

Teaching Area
ANES

Course Title
Junior Seminar in Ancient Near Eastern Studies

Course Description
This class is a junior seminar designed for ANES majors that will consider best practices in research and writing within the discipline, and that will result in a 12–15 page research paper reflecting those practices. It will also cover various aspects of professionalization within the discipline, including preparation for graduate work in ANES or related fields and maintaining mental, emotional, and spiritual health in the academy.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites (Hebrew Bible Emphasis)

Fulfill ANY of the following requirements:

Prerequisites (Hebrew Bible Emphasis)

Complete ALL of the following Courses:

- ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible
  AND HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

OR

Prerequisites (Greek New Testament Emphasis)

Complete ALL of the following Courses:

- ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 302 - Methods and Sources for the Study of the Greek New Testament
  AND GREEK 201 - Intermediate Greek

Learning Outcomes

Title
Research Design and Analysis

Learning Outcome
The primary focus of this course will be to provide students with an opportunity to conduct in-depth research in an area of their specialty within the ANES major. To accomplish this, students will plan, research, write, revise, and rewrite a paper of 12–15 pages on a topic of their choice that will demonstrate their familiarity with the discipline of Ancient Near Eastern Studies and their potential to produce original scholarly contributions within the field. This paper will also demonstrate their ability to interpret and analyze relevant primary sources, their proficiency in the relevant ancient languages, and their capacity for critical thinking. It is hoped that this process will help students refine their research and writing abilities, as well as prepare them for application to graduate school and a future career in the academy.

Title
Professional Development

Learning Outcome
A second emphasis of this course will be to prepare students to navigate the academic discipline through discussing the process of applying to graduate school, participating and presenting their research in professional associations, and looking forward to the job market. This emphasis will be supported by having students complete a modest series of exercises that will encourage them to identify potential graduate programs and professional associations, prepare an academic Curriculum Vita and a personal statement, and present their paper in a peer reviewed conference setting.

Title
Personal and Spiritual Resilience

Learning Outcome
A third objective of this course will be to help students maintain their mental, emotional, and spiritual health as they embark on an academic career. This will be encouraged through a series of readings and discussions relating to such issues as achieving work-life balance, dealing with “imposter syndrome,” and experiencing faith transitions in the process of pursuing higher education. The latter topic in particular will be considered by surveying the encounter of faith traditions and higher biblical criticism (including among Jewish, Catholic, and Protestant scholars), the history of Latter-day Saint engagement with biblical scholarship, and the journey of becoming a “disciple-scholar.” It is hoped that this aspect of the course will provide students with resources, tools, and perspectives that will help them navigate the rigors of academic life while maintaining a healthy framework for their personal and spiritual lives.

ANES 430R - Advanced Topics in Ancient Near Eastern Studies

Course Information

Teaching Area (new)
ANES

Course Number
430R

Teaching Area
ANES

Course Title
Advanced Topics in Ancient Near Eastern Studies

Course Description
Seminar involving in-depth examination of an ancient Near Eastern topic and then writing about it.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites (Hebrew Bible Emphasis)

Complete ALL of the following Courses:

- HIST 238 - Ancient Near East to 330 BC
  AND HIST 239 - Ancient Near East, 330 BC - 640 AD
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible

OR

Prerequisites (Greek New Testament Emphasis)

Complete ALL of the following Courses:

- HIST 238 - Ancient Near East to 330 BC
  AND HIST 239 - Ancient Near East, 330 BC - 640 AD
  AND ANES 302 - Methods and Sources for the Study of the Greek New Testament

Learning Outcomes

Title
Research and Methodology

Tags
199938, 1

Learning Outcome
Students will demonstrate at a senior level their ability to research and write / present in-depth about a particular ANE topic, situating it within the larger field of ANES, employing both rigor and academic integrity.

ANES 495 - Senior Capstone in Ancient Near Eastern Studies

Course Information

Course Number
495

Teaching Area
ANES

Course Title
Senior Capstone in Ancient Near Eastern Studies

Course Description
This class is a senior capstone project designed for ANES majors in which students will work one-on-one with a faculty mentor to develop and produce a polished research paper of 20 pages. This process will help students refine their research and writing skills, as well as prepare for pursuing studies at the graduate level.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 301 - Methods and Sources for the Study of the Hebrew Bible
  AND ANES 395 - Junior Seminar in Ancient Near Eastern Studies
- ANES 201 - Introduction to Ancient Near Eastern Studies
  AND ANES 302 - Methods and Sources for the Study of the Greek New Testament
  AND ANES 395 - Junior Seminar in Ancient Near Eastern Studies

Learning Outcomes

Title
Research Design and Writing

Learning Outcome
The primary focus of this course will be to provide students with an opportunity to conduct in-depth research in an area of their specialty within the ANES major. To accomplish this, students will work closely with an appointed ANES-affiliated faculty member with relevant content expertise to plan, research, write, revise, and rewrite a paper of 20 pages on a topic of their choice that will demonstrate their familiarity with the discipline of Ancient Near Eastern Studies and their potential to produce original scholarly contributions within the field. This paper will also demonstrate their ability to interpret and analyze relevant primary sources, their proficiency in the relevant ancient languages, and their capacity for critical thinking. It is hoped that this process will help students refine their research and writing abilities, as well as prepare them for application to graduate school and a future career in the academy.

Title
Spiritual Development

Learning Outcome
A second focus of this course will be to help students—as they work under the close supervision of their appointed faculty member—develop the ability to integrate academic inquiry and spiritual discipleship through considering models of academically sound and faith-informing scholarship.

ANTHR 101 - Culture and Human Experience

Course Information

Teaching Area (new)
ANTHR

Course Number
101

Teaching Area
ANTHR

Course Title
Culture and Human Experience

Course Description
Aspects of society and culture: kinship, beliefs, economy, and political order among peoples worldwide. Methods and perspectives used in social/cultural anthropology.

Department
Anthropology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through registration envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

Learning Outcomes

Title
Culture and Social Life

Tags
181701, 1

Learning Outcome
Learn to identify culture as a way of interpreting experience; that culture informs both social life and individual psychology, shaping and coloring how people perceive and act in the world.

Title
Character Development

Tags
181900, 2

Learning Outcome
Recognize the strength that comes from doing hard things, including how to effectively identify key points from lots of reading material.

Title
Human Cultural Diversity

Tags
181901, 3

Learning Outcome
The Aims of a BYU Education stipulates that students cultivate an informed awareness of the peoples, cultures, languages, and nations of the world. This class will fulfill the Global and Cultural Awareness requirement by acquiring informed awareness of either a) cultures outside their own, or b) the interplay of cultures, languages, and/or nations at an international level.

Title
Critical Thinking Methods

Learning Outcome
Grasp the social scientific principles and reasoning involved in ethnography, and recognize the value, limitations, and ethical implications of this way of making sense of social conduct.

ANTHR 103 - Archaeology Field Trip

Course Information

Teaching Area (new)
ANTHR

Course Number
103

Teaching Area
ANTHR

Course Title
Archaeology Field Trip

Course Description
Field trip to archaeological sites in Utah and the Four Corners region.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Fee
200

Note
Meet twice weekly prior to trip. Students responsible for food and camping costs. Limited enrollment

Learning Outcomes

Title
Archaeological Field Visits

Tags
181909, 0

ANTHR 110 - Discovering Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
110

Teaching Area
ANTHR

Course Title
Discovering Archaeology

Course Description
Studying past human behaviors and cultures by applying scientific principles and reasoning; exploring case studies concerning archaeological discoveries.

Department
Anthropology

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Objectives

Tags
181911, 1

Learning Outcome
This course helps students to learn the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. At the same time, students will learn to appreciate the excitement of discovery that has accompanied important scientific developments while engaging with global cultures whose developments have changed the face of humankind throughout time. Students will learn how scientific methodology can be used to analyze real world problems, including societal issues that can be informed by studies of past cultures. Students will become adept at evaluating scientific data and claims in order to make informed decisions on public-policy science issues that affect their community.

Title
Learning Outcomes

Tags
181912, 2

Learning Outcome
This course also helps students cultivate an informed awareness of the peoples, cultures, languages, and nations of the world, gaining a greater understanding and appreciation of the varieties of human experience across time and space. This understanding is vital to fulfilling the Lord's injunction to understand "things both in heaven and in the earth, and under the earth; things which have been, things which are…things which are abroad; the wars and the perplexities of the nations, and the judgements which are on the land; and a knowledge also of countries and of kingdoms" (D&C 88:79).

Title
Course Objectives

Tags
181913, 3

Learning Outcome
As students complete the course they will learn to communicate their thoughts on various social and scientific topics clearly and meaningfully. Assignments, activities, and discussions include opportunities for students to practice the appropriate use of basic scientific vocabulary and effective interpretation of quantitative data, as well as reflect rationally upon the interface between science, society, and religion. Through the intensive study of examples of peoples in times and places other than their own, students will gain a greater awareness of global cultures outside of their own, thus helping them to develop greater empathy and charity for people in other parts of the world today.

ANTHR 120 - Biological Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
120

Teaching Area
ANTHR

Course Title
Biological Anthropology

Course Description
Relationships between human biology, environment, social structure, and culture. Concepts and data on race, primates, evolution, population genetics, growth, and sociobiology.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Course Objectives

Tags
181683, 1

Learning Outcome
Upon completion of this course, students will be able to analyze humans as bio-cultural beings; living in both acultural and natural setting. Students will also gain a basic understanding of evolutionary concepts in general, and human evolution specifically.

Title
Data collection and analysis

Tags
181794, 1

Learning Outcome
Collect data on race, primates, evolution, population genetics, growth, and sociobiology.

Title
Biological and Envronment Relationship

Tags
181800, 0

Learning Outcome
Develop an understanding of the relationships between human biology, environment, social structure.

ANTHR 150 - Introduction to the Major

Course Information

Teaching Area (new)
ANTHR

Course Number
150

Teaching Area
ANTHR

Course Title
Introduction to the Major

Course Description
Overview of anthropology major and graduation requirements; preparing for senior thesis sequence; career opportunities; and graduate school application process.

Department
Anthropology

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Introduction to Basic Theories and Methodologies

Tags
181672, 1

Learning Outcome
Students in this course will gain an introductory level understanding of the basic assumptions of the disciplines of Anthropology and Archaeology as well as their historical development along with examples of applications of various methodologies in the field.

Title
Expectations

Tags
181902, 2

Learning Outcome
On completion of the course students should be

Familiar with the scope of the Anthropology major, its requirements, and ways of fulfilling these
Have a viable Career track plan
Have a viable Graduate School plan
Have a revised and approved MAP for their time at BYU and have met with their Faculty Advisor
Be aware of the Field School requirements and options for both Archaeology and SocioCultural tracks
Be acquainted with Faculty
Have participated in a designated service project

ANTHR 209 - Intercultural Communication

Course Information

Course Number
209

Teaching Area
ANTHR

Course Title
Intercultural Communication

Course Description
Learn how communication both reflects and creates identity, community, social positions, ideologies, and experiences of globalization, racialization, domination and connection in intercultural interactions.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Develop Charity

Learning Outcome
Develop charity as an analytical mode of research.

Title
Anthropological Theories

Learning Outcome
Identify and apply key anthropological theories about the relationships between language and culture to analysis of intercultural contexts

Title
Ethnographic Methods

Learning Outcome
Practice ethnographic methods as tools to navigate intercultural communication and relationships

Title
Research Skills

Learning Outcome
Expand your research, analysis, and writing skills

ANTHR 215 - Archaeological Method and Theory

Course Information

Teaching Area (new)
ANTHR

Course Number
215

Teaching Area
ANTHR

Course Title
Archaeological Method and Theory

Course Description
Field and analytic methods and their relevance to data acquisition; use of theory and the relation of theory to methods.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Archaeological Methodology and Theory

Tags
181674, 1

Learning Outcome
Students will explain basic archaeological theory and methodological practices in the field.

Title
Critical Thinking and Understanding

Tags
181903, 2

Learning Outcome
Students will help engage in critical thinking, research and argumentative writing.

Title
Archaeological History Survery

Learning Outcome
Students will describe the most important figures in archaeology as well as the major sites world-wide integrated with a chronology of world pre-history and history relevant to archaeological research.

ANTHR 239 - Intro to Medical/Psychological Anthropology

Course Information

Course Number
239

Teaching Area
ANTHR

Course Title
Intro to Medical/Psychological Anthropology

Course Description
Introduction to medical and psychological anthropology, with a focus on the biocultural basis of health and the cultural dimensions of illness experience and treatment.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Define Medical Anthropology

Learning Outcome
Define medical and psychological anthropology as fields and understand the nature, intent and scope of these disciplines

Title
Comparing Anthropological Approaches

Learning Outcome
compare and contrast the major concentrations in medical/psychological anthropology and describe the strengths and weaknesses of each approach

Title
Apply Anthropological Knowledge

Learning Outcome
Apply knowledge of anthropological research interests and approaches to specific health-related topics

Title
Current Health Issues

Learning Outcome
Use anthropological concepts to explain current health issues in the US and around the world

ANTHR 247 - Applied Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
247

Teaching Area
ANTHR

Course Title
Applied Anthropology

Course Description
Study of examples of applied research in a number of settings including: business, education, environment, government, communication, international development, or health sectors. Engagement in applied research projects involving application of anthropological research methods to real world problems.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Objectives

Tags
181799, 0

Learning Outcome
This course has the objectives to introduce students to career options outside academia and to help them explore graduate programs that will prepare them for those careers. This course will also introduce them to theoretical and ethical issues in applied and practicing anthropology and to some of the current social problems that are dominating the field. Students will learn the basic training in the skills and methodologies, (including report writing), that they will use as an applied anthropologist.

ANTHR 301 - Human Osteology

Course Information

Teaching Area (new)
ANTHR

Course Number
301

Teaching Area
ANTHR

Course Title
Human Osteology

Course Description
Identification and treatment of skeletal material found in archaeological excavations.

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identification

Tags
213329, 0, 1, 2023-08-28 13:41:01

Learning Outcome
Students will be able to identify and side all of the bones in the human body.

Title
Analysis Techniques

Tags
213330, 0, 2, 2023-08-28 13:41:02

Learning Outcome
Students will be able to determine the age and sex of archaeological examples of human skeleton using proper techniques.

Title
Theory

Tags
213331, 0, 3, 2023-08-28 13:41:03

Learning Outcome
Students will describe legal issues in the handling and disposition of human osteological samples recovered in an archaeological setting, both in the United States and abroad.

Title
Analysis Techniques

Tags
213332, 0, 4, 2023-08-28 13:41:04

Learning Outcome
Students will be able to determine the stature and handedness of human osteological samples by using a variety of measuring techniques.

Title
Paleopathology

Tags
213333, 0, 5, 2023-08-28 13:41:06

Learning Outcome
Students will outline the role and effects of disease on the human skeleton and show how to differentiate between various categories of disease in forensic analysis.

ANTHR 304 - Foundations of Social Theory.

Course Information

Teaching Area (new)
ANTHR

Course Number
304

Teaching Area
ANTHR

Course Title
Foundations of Social Theory.

Course Description
In this course, students will be able to explain and understand the theoretical and philosophical antecedents of modern social theory, including such pivotal thinkers as Adam Smith, Karl Marx, Max Weber, Emile Durkheim, and Sigmund Freud. Students will grasp how these thinkers are pivotal to the discipline of anthropology.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Expansive Epistemology

Tags
181807, 0

Learning Outcome
Activate and apply an expansive epistemology in analyzing social theory: cognitive, social, embodied, applied, and heart and mind collaborations

Title
Social Work

Tags
181834, 3

Learning Outcome
Identify the everyday social work of other's mobilizations of social theory

Title
Apply Social Theory

Tags
181835, 1

Learning Outcome
Justify how you may draw upon social theory in your own research/ explanations of social phenomena

Title
Critical Writing

Tags
181836, 2

Learning Outcome
Improve your critical thinking through writing

ANTHR 305 - Foundations of Anthropological Theory

Course Information

Teaching Area (new)
ANTHR

Course Number
305

Teaching Area
ANTHR

Course Title
Foundations of Anthropological Theory

Course Description
This class will introduce students to the ideas of foundational thinkers in cultural and archaeological anthropology from the beginning of the 20th century up to the present day. Students will be expected to apply these thinkers' ideas to their own research projects.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Anthropological Theories

Tags
181837, 1

Learning Outcome
dentify and summarize key points from 20th and 21st sociocultural and archaeological theories.

Title
Evaluate Anthropological Theories

Tags
181838, 2

Learning Outcome
Evaluate the relevance and/or applicability of these theories in sociocultural anthropology and archaeology projects.

Title
Explain Phenomena

Tags
181839, 3

Learning Outcome
Students will identify our reliance on foundational theory in explaining contemporary social phenomena.

Title
Critical Expression

Tags
181840, 4

Learning Outcome
Students will improve critical thinking and expression.

ANTHR 311 - Museums and Cultures

Course Information

Teaching Area (new)
ANTHR

Course Number
311

Teaching Area
ANTHR

Course Title
Museums and Cultures

Course Description
Role of museums in society. Analyzing museum content, use, and sociology. Visits to and critiques of area museums. Final projects with real museums in the region.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Course Objectives

Tags
181822, 1

Learning Outcome
-This course will give participants a sound foundation in understanding the important roles museums play as cultural symbols in world societies, as well as exploring how individual types of museums becomes unique paradigms of cultural memory, education, and identity.
-This course will give students the opportunity to understand the diverse ways in which societies utilize and conceptualize museums.
-This course will provide students with hands-on final projects involving the collections and institutions of museums in the the Utah Valley region.

Title
Application

Tags
181904, 2

Learning Outcome
1. Students will be able to examine museums as institutions, including their social impact and specific exhibitions.
2. Students will be familiar with the major museum fields.
3. Students will learn how to work as a team to give motivating and persuasive presentations.

ANTHR 314 - Museum Registration and Legal/Ethical Issues

Course Information

Teaching Area (new)
ANTHR

Course Number
314

Teaching Area
ANTHR

Course Title
Museum Registration and Legal/Ethical Issues

Course Description
Managing museum collections: cataloging, loans, ethics, legal issues, object handling, basic object conservation. Practical experience working with museum objects and specific museum challenges.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 311 - Museums and Cultures

Learning Outcomes

Title
Collection Disciplines

Tags
181679, 1

Learning Outcome
Students will be familiar with registration/collections management/ collections care disciplines

Title
Technical Writing

Tags
181787, 2

Learning Outcome
Students will be familiar with technical writing for collections care (mainly object description and condition reporting)

Title
Collection Management

Tags
181801, 3

Learning Outcome
Students will be learn basic project management skills in managing collection projects

Title
Handson Experience

Tags
181802, 1

Learning Outcome
Students will gain hands-on, real-life experience with museum collections and registration

Title
Museum Ethics and Laws

Tags
181803, 4

Learning Outcome
Students will have a basic understanding of museum ethics and laws affecting museum collections

ANTHR 327 - The Hmong Diaspora: Culture, History, and Language

Course Information

Teaching Area (new)
ANTHR

Course Number
327

Teaching Area
ANTHR

Course Title
The Hmong Diaspora: Culture, History, and Language

Course Description
Ethnographic and historical perspectives on the Hmong diaspora (including China, Vietnam, Laos, Thailand, France, the United States, Australia, and other locations); Hmong language, ritual practice, cultural change and adaptation, and new religious movements.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ANTHR 328 - Andean South America

Course Information

Teaching Area (new)
ANTHR

Course Number
328

Teaching Area
ANTHR

Course Title
Andean South America

Course Description
This course will cover archaeological, historical, ethnographic, and art historical perspectives on the development of societies and cultures in the Central Andes from the earliest settlements to the present day, with special focus on archaeology and ethnohistory from ca. 3000 BCAD 1700. \n

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ANTHR 101

ANTHR 330 - Peoples of Africa

Course Information

Teaching Area (new)
ANTHR

Course Number
330

Teaching Area
ANTHR

Course Title
Peoples of Africa

Course Description
Political, economic, and social organization, family life, language, worldview, religion, ritual, artistic expression, ecological adaptation, and contemporary development issues among rural and urban sub-Saharan peoples.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Course Objectives

Tags
181684, 1

Learning Outcome
In this course students will learn of the variety of cultures to be found within sub-Saharan Africa as we look at indigenous people in western, eastern and southern Africa. Among the issues examined will be the impact of colonialism, gender and fertility, political and economic systems – particularly the impact of war and acts of violence, as well as health and healing, and belief systems.

Title
Application

Tags
181905, 2

Learning Outcome
By applying basic Anthropological concepts and theory to the data sets described in the assigned readings and class discussions, students will learn to think anthropologically, to apply the knowledge they have acquired and to analyze and understand human activity, sociality and thought. Additionally they will develop a solid knowledge and understanding of human diversity and cultures within the geographic location. They will also be enhancing their ability to communicate, both orally and in written work.

ANTHR 340 - Peoples of the Middle East

Course Information

Teaching Area (new)
ANTHR

Course Number
340

Teaching Area
ANTHR

Course Title
Peoples of the Middle East

Course Description
Ecology, social organization, and beliefs of nomadic, rural, and urban groups between western Africa and Pakistan.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Cultures & Peoples of the Middle East

Tags
181668, 1

Learning Outcome
Students will gain an introductory level understanding of the variety of cultures, ethnic groups, religious variances, and competing political entities representative of the regions included in the MIddle East. Special emphasis will be placed on applying this knowledge to archaeological and anthropological perspectives, disciplines, and professions.

Title
Creative Thinking, Analysis, Research, and Writing Skills

Tags
181669, 2

Learning Outcome
Through course assignments, students will increase their skills in creative thinking, analysis of data, research, and writing.

Title
Ecology, social organization, beliefs, nomadic, rural, and u

Tags
181670, 3

Learning Outcome
Through course assignments, students will gain a knowledge and demonstrate their comprehension of the ecologies, social organizations, religious beliefs, and variances between nomadic, rural, and urban groups in the Middle East.

ANTHR 341 - Ethnonationalism and Southeast Asia

Course Information

Teaching Area (new)
ANTHR

Course Number
341

Teaching Area
ANTHR

Course Title
Ethnonationalism and Southeast Asia

Course Description
Historical and ethnographic perspectives on social and political dynamics in Southeast Asia, including upland ethnic minority issues, ethnonationalistic movements, geopolitical influences, war, genocide, religious dynamics, and the rise of nationalism in the region.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Anthr 101

Learning Outcomes

Title
Theory Building

Tags
181845, 1

Learning Outcome
Through this course, students will engage with some of the more prominent theoretical perspectives on the rise of nationalism, ethnonational dynamics, ethnic differentiation, and conflict.

Title
Cultural Diversity

Tags
181846, 2

Learning Outcome
Using the courses' theoretical base, students will engage with ethnographic material on mainland Southeast Asia in order to understand the history of the region in all of its cultural and political diversity.

Title
Critical Thinking Skills

Tags
181847, 3

Learning Outcome
Students will hone critical thinking skills through seminar discussions where we critique different theoretical perspectives, apply them to and test them with a variety of Southeast Asian ethnographic materials, and develop theoretical lines of coherence from these different social theorists.

Title
Cultural Diversity

Tags
181848, 4

Learning Outcome
Through the assignments of this course, students will also learn to see and therefore critique nationalist consciousness and the politics of statecraft, and apply this crtiique to the ethnographies and historical accounts that we read in the seminar.

ANTHR 342 - Disease and Society

Course Information

Course Number
342

Teaching Area
ANTHR

Course Title
Disease and Society

Course Description
Examine infectious diseases and the impact these have had and are currently having on the evolution and cultural transformations of human societies through case studies of four diseases: plague, smallpox, HIV/AIDS and tuberculosis.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Learning Outcomes

Title
Infectious Disease

Learning Outcome
Describe what infectious diseases are as well as the details of plague, smallpox, HIV/AIDS and tuberculosis

Title
Disease and Adaptation

Learning Outcome
Explain how infectious diseases have shaped human evolution, including the various ways humans have adapted and continue to adapt to infectious diseases

Title
Disease and Culture

Learning Outcome
Explain how culture influences how infectious diseases are situated, contextualized and dealt with within individual societies

Title
Disease Impacts

Learning Outcome
Describe how infectious diseases influence human societies

ANTHR 344 - Culture, Language, and History of Korea

Course Information

Teaching Area (new)
ANTHR

Course Number
344

Teaching Area
ANTHR

Course Title
Culture, Language, and History of Korea

Course Description
Culture, language, and history of Korea. Understanding aspects of Korean culture, such as the particular form of collectivism that is common in Korean culture. Study of Korean history, both recent and long-past, as a way to understand Korean culture today. Study of basic fundamental structures of the Korean language (including the alphabet) to better understand how culture is inflected by language.

Department
Anthropology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ANTHR 345 - American Culture

Course Information

Teaching Area (new)
ANTHR

Course Number
345

Teaching Area
ANTHR

Course Title
American Culture

Course Description
Perspectives and methods for making sense of mainstream middle-class American society; American ways of being-in-the-world, of believing, behaving, and belonging; American cultural themes.

Department
Anthropology

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
American Culture

Tags
181812, 0

Learning Outcome
Develop an enhanced understanding of what it means to be American.Learn how to use the stories Americans tell about themselves as portholes through which to peer into the ordinarily invisible world of American culture.Be able to describe the values, beliefs, and attitudes that shape and color how Americans perceive and act in the world, that inform American social and political life as well as individual psychology.Demonstrate theability to think soundly, to communicate effectively, and to write a clear and convincing memoir of a specific American experience that reveals a particular, readily identifiable aspect of American culture.

ANTHR 350 - Archaeological Cultures of North America

Course Information

Teaching Area (new)
ANTHR

Course Number
350

Teaching Area
ANTHR

Course Title
Archaeological Cultures of North America

Course Description
Cultural developments of North American Indians (Canada, U.S., and northern Mexico) before Columbus.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Archaeology of the Native Cultures of North America and Nort

Tags
181676, 1

Learning Outcome
Students will gain an introductory level comprehension of the diverse cultural developments of North American indigenous peoples as well as selected examples from Canada and Northern Mexico through the study of archaeological evidence and material culture.

Title
Hands-On Exposure to Native American Material Culture

Tags
181677, 2

Learning Outcome
Students will gain a more in-depth comprehension of the diversity and complexity of data sets regarding archaeological evidence via material cultural remains by hands-on interactions with the collections of the Museum of Peoples and Cultures at BYU.

Title
Critical Thinking, Research, Analysis, and Writing

Tags
181678, 3

Learning Outcome
Through course assignments, students will increase their skills in critical thinking, research, analysis, and writing. Emphasis will be placed on writing in the discipline.

ANTHR 351 - Archaeology and the Bible

Course Information

Teaching Area (new)
ANTHR

Course Number
351

Teaching Area
ANTHR

Course Title
Archaeology and the Bible

Course Description
Setting and context of the Bible as clarified and supplemented from archaeology, history, and related studies. Archaeological methods.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Biblical Archaeology

Tags
181667, 1

Learning Outcome
Students will gain knowledge of the development of Biblical archaeology as a field within the overall umbrella of the discipline of anthropology. This study will include extensive study of the both the defining personalities and methodologies in this sub-area of archaeology, as well as the major excavated sites in the Levant associated with Biblical events. Students will also gain a knowledge of the historical development of the Near East through its archaeological contexts, and the debates existing between differing methodologies associated with the use of the Bible as a primary document.

ANTHR 355 - Mesoamerican Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
355

Teaching Area
ANTHR

Course Title
Mesoamerican Archaeology

Course Description
Cultural and environmental bases of ancient civilizations in Mexico and Central America. Olmec, Maya, Toltec, and Aztec cultures.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Archaeology of Mesoamerica

Tags
181680, 1

Learning Outcome
Students will gain knowledge of the major archaeological sites excavated and studied in Meso-America with an emphasis on critiquing archaeological methodologies and theory as they have been applied to specific archaeological sites in the field. Through this study, students will also gain a knowledge of the history and cultural development of the major societies and cultures of this region and the role that archaeology plays in assisting in providing data related to questions associated with the development and decline of these entities.

ANTHR 366 - The End of the World (As We Know It)

Course Information

Teaching Area (new)
ANTHR

Course Number
366

Teaching Area
ANTHR

Course Title
The End of the World (As We Know It)

Course Description
Analyze a range of ethnographic, historical, and archaeological case studies of groups whose millenarian, apocalyptic, and utopian outlooks revolve around concerns with and conceptions of the end of the world as they know it.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze Millenarianism

Learning Outcome
Identify and ethnographically analyze millenarianism logics within specific cultural practices and systems.

Title
Millenarianism and Religion

Learning Outcome
Identify new religious movements and millenarian logics found outside of “religion” proper and create an interdisciplinary annotated bibliography.

Title
Skill Application

Learning Outcome
Apply anthropological skills to a specific millenarian case study for in-depth analysis.

ANTHR 370 - Community-Based Research

Course Information

Course Number
370

Teaching Area
ANTHR

Course Title
Community-Based Research

Course Description
The purpose of this course is to help you design and implement community requested research projects. Working with a local community entity, you will identify specific needs and design projects to address those needs with community involvement and direction.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Original Mentored Research

Learning Outcome
Students will design grassroots driven projects in a local community using anthropological methods.

Title
Research Skills and Methods

Learning Outcome
Students will practice community-based research using qualitative research methods.

Title
Critical Thinking and Analysis

Learning Outcome
Students will analyze and explain human activity, sociality, and thought.

ANTHR 375 - Archaeology of Egypt

Course Information

Teaching Area (new)
ANTHR

Course Number
375

Teaching Area
ANTHR

Course Title
Archaeology of Egypt

Course Description
Survey of the most important archaeological sites, artifacts, and monuments of Egypt, their cultural contexts, as well as major methodological developments in Egyptian archaeology and Egyptology.

Department
Anthropology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify important Sites and artifacts

Tags
181823, 1

Learning Outcome
-Students will master a survey of the most important archaeological sites, artifacts, and monuments of Egypt, their cultural contexts, as well as major methodological developments in Egyptian archaeology and Egyptology.
-Students will increase their abilities to think critically and creatively with regard to archaeological methodologies and theories in the field of Egyptology.
-Students will improve their abilities to give both a professional oral/ speaking presentation and a critical written research paper of over 12 pages in length.

Title
Strata-graphic Analysis

Tags
200129, 2

Learning Outcome
-Students will be able to place the artifacts and architectural remains of Ancient Egypt in a strata-graphic sequence in order to prepare them for excavation on-site in Egypt.

ANTHR 376 - Archaeology of the Ancient Aegean and Greece

Course Information

Teaching Area (new)
ANTHR

Course Number
376

Teaching Area
ANTHR

Course Title
Archaeology of the Ancient Aegean and Greece

Course Description
Bronze Age Aegean through the Classical and Hellenistic eras. Archaeological sites, artifacts, and monuments of the Mediterranean region impacted by Greek civilization. Classical archaeological methodologies associated with the study, excavation, and interpretation of these cultures.

Department
Anthropology

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Anthr 215

Learning Outcomes

Title
Course Objectives

Tags
181824, 1

Learning Outcome
-Students will learn the archaeology and cultural contexts of the ancient Aegean and Greek worlds, including Classical Archaeological methodologies and theory.
-Students will analyze the contributions that Greek culture, religion, art, and architecture, have played in the development of world history and society.
-Students will critically analyze previous field methodologies in Aegaean and Greek archaeology through selected of field reports, book chapters, etc. of the major archaeologists and sites in this region of the world.
-Students will improve their research and writing skills through the development of a critical research paper of more than 12 pages in length.
-Students will improve their professional speaking skills through an oral class presentation on an assigned topic.

ANTHR 377 - Archaeology of Roman Civilization

Course Information

Teaching Area (new)
ANTHR

Course Number
377

Teaching Area
ANTHR

Course Title
Archaeology of Roman Civilization

Course Description
\tSurvey of the most important sites, artifacts, monuments, and methodological approaches associated with the archaeological study of Etruria, Roman Italy, and the Roman Empire. Cultural contexts of the regions impacted by Roman civilization. \t

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Anthr 215

Learning Outcomes

Title
Archaeology-Roman and Etruscan

Tags
181825, 1

Learning Outcome
-Students will gain a knowledge of the development of Etruscan and Roman societies through a study of Classical archaeological techniques and methodology.
-Heavy emphasis will be placed on students gaining a chronological knowledge of both of these cultures and their impact on the Mediterranean Basin as well as on developments in the medieval worlds of Europe and Islam.
-Students will also gain a knowledge of the major assumptions and methodologies of Classical archaeology and gain experience in writing in the discipline through development of a critical research paper of not less than 12 pages.
-Students will increase their public speaking skills by giving an oral class presentation on an assigned topic.

ANTHR 378 - Near Eastern Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
378

Teaching Area
ANTHR

Course Title
Near Eastern Archaeology

Course Description
Peoples and culture history in Mesopotamia, Syria, Palestine, Egypt, 3500--500 B.C. Substantial reading, writing, discussion.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Archaeology in Mesopotamia, Syria, Palestine, & Egypt

Tags
181675, 1

Learning Outcome
Students will gain an introductory level understanding of the archaeology, history, and ancient cultural contexts of the major ancient civilizations of Mesopotamia, Syria, Palestine, and Egypt through readings, research assignments, and discussion.

Title
Critical Thinking, Research, Analysis, and Writing

Tags
181790, 1

Learning Outcome
Students will increase their skill sets with regard to critical thinking, research, analysis of data, and writing through multiple types of course assignments including a final research paper project.

ANTHR 379 - Archaeology of Islam

Course Information

Teaching Area (new)
ANTHR

Course Number
379

Teaching Area
ANTHR

Course Title
Archaeology of Islam

Course Description
Pre-Islamic roots through Ottoman period. Sites, artifacts, and monuments of Islam. Focus on religious and cultural contexts. Relevant Islamic texts and archaeological methods for understanding medieval Islamic sites and artifacts.

Department
Anthropology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Anthr 215

Learning Outcomes

Title
Islamic Archaeology & Cultural Contexts

Tags
181826, 0

Learning Outcome
-Course topics will give students an introductory understanding of the archaeology of Islam from its Pre-Islamic roots through all major Islamic eras ending with the Mughal and Ottoman periods.
-Students will gain a knowledge of the most important sites, artifacts, and monuments of Islam.
-Students will also gain a deeper understanding of Islamic archaeology through a focus on its religious and cultural contexts through relating relevant Islamic texts to the major archaeological sites and artifacts of numerous Islamic cultures.
-Students will gain a working knowledge of the archaeological methods and theories currently impacting the excavation and interpretation of Islamic sites throughout the Mediterranean Basin, the Near East, India, and Asia Minor.
-Students will improve both their speaking and critical writing and research skills through both an oral in class presentation and a research paper of not less than 12 papers addressing a major research question pertinent to Islamic Archaeology.

ANTHR 385 - Archaeology of Europe

Course Information

Teaching Area (new)
ANTHR

Course Number
385

Teaching Area
ANTHR

Course Title
Archaeology of Europe

Course Description
Cultural developments of temperate Europe from prehistory to the Roman expansion; lectures and case studies highlight issues related to environmental change, the introduction of farming, population movement, and the emergence of increasingly complex socio-economic systems.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Archaeology of Europe

Tags
181827, 1

Learning Outcome
-Students will develop a working knowledge of the major periods, developments, and interpretive themes related to prehistoric Europe.
-Students will develop an understanding of the history that has shaped and guided the development of modern Europe.
-Students will gain a greater appreciation of how archaeological evidences can be used in resonstructing this history.
-Students will apply skills and knowledge introduced in foundation courses such as ANTHR 110 and ANTHRO 215 to the archaeological study of Europe.
-Students will further develop skills in critical thinking, research, and argumentative writing.
-Students will improve their abilities to develop and complete indivdiual learning agendas.

ANTHR 390R - Special Topics in Regional Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
390R

Teaching Area
ANTHR

Course Title
Special Topics in Regional Anthropology

Course Description
Subjects related to a particular area or people.

Department
Anthropology

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Special Topics in Archaeology/Anthropology

Tags
181659, 1

Learning Outcome
ANTHR 390R Provides students the opportunity to gain a more in-depth knowledge in a field specific region of archaeological or socio-cultural interest. The course offers the chance for visiting scholars with special expertise or regional interest to provide an intensive learning experience in anthropology for students interested in the field or the specific region.

ANTHR 402 - Quantitative Methods for Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
402

Teaching Area
ANTHR

Course Title
Quantitative Methods for Anthropology

Course Description
Quantitative methods in archaeology and sociocultural anthropology, including methods of organizing, exploring, and presenting data, probability, and statistical inference.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Course Objectives

Tags
181673, 1

Learning Outcome
The main goal of the course is to help students obtain the skills necessary to successfully complete an artifact analysis project similar to what is required in the Anthropology 456 (laboratory analysis) class. This requires the abilities to 1) use various computer applications to manage data, 2) to properly use statistical and graphical methods for data presentation and analysis, and 3) to describe clearly both the data itself and the results of quantitative analyses.

ANTHR 404 - Historical Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
404

Teaching Area
ANTHR

Course Title
Historical Anthropology

Course Description
This course will develop students' understanding of the fundamentally historical dimensions of anthropology, both in terms of subject matter and execution. Skills students will acquire will include: expository and critical treatment of: ethnohistory; historical archaeology; primary and secondary historical research; time and temporality; myth and history; synchrony and diachrony; structure and agency; historiography; oral history; anthropology of history; and past making in different cultures and social groups.

Department
Anthropology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ANTHR 101, ANTHR 201, ANTHR 202

ANTHR 405 - Archaeological Science

Course Information

Teaching Area (new)
ANTHR

Course Number
405

Teaching Area
ANTHR

Course Title
Archaeological Science

Course Description
Uses of technologically sophisticated scientific techniques in archaeology to analyze the elemental composition or age of artifacts. Relevance of these analyses to substantive archaeological problems.

Department
Anthropology

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ANTHR 215; ANTHR 110; ANTHR 215; ANTHR 110.

ANTHR 406 - Digital Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
406

Teaching Area
ANTHR

Course Title
Digital Archaeology

Course Description
Use of digital technologies in archaeology. Focus on software applications, GIS, GPS, and surveying/mapping with a robotic total station and Unmanned Aerial Vehicles.

Department
Anthropology

When Taught
Winter Odd Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 110 - Discovering Archaeology
  AND ANTHR 215 - Archaeological Method and Theory

Learning Outcomes

Title
Research Skills and Methods

Learning Outcome
Students will explain the fundamentals of several advanced digital technologies used in archaeological data collection and processing.

Title
Learn history of digital methods

Learning Outcome
Students will describe how advances in digital technologies have influenced modern archaeological methods, and will explain the traditional “non-digital” foundations behind the modern, digital tools.

ANTHR 407 - Multispecies Sociality

Course Information

Course Number
407

Teaching Area
ANTHR

Course Title
Multispecies Sociality

Course Description
This course brings anthropological perspectives to human-nonhuman sociality and considers how language and communicative ideologies mediate plants-primates-people-animal-fungi-bacteria relations.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Transformative Learning Outcome

Learning Outcome
To identify your sensorium (embodied ways of knowing through sensing) strengths and work on expanding two sensorium capacities through the course of the semester.

Title
Learning Outcome 1

Learning Outcome
To identify sociality and semiotic theories shaping interaction between humans and nonhumans

Title
Learning Outcome 2

Learning Outcome
To learn how to critically analyze and engage cross-cultural sociality ideas through application activities/fieldtrips

Title
Learning Outcome 3

Learning Outcome
To enhance your understanding of ethnography as a writing/presentation genre and analytical method

ANTHR 409 - Advanced Linguistic Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
409

Teaching Area
ANTHR

Course Title
Advanced Linguistic Anthropology

Course Description
Linguistic anthropology as a way of doing ethnography; language as symbolic form, vehicle of thought, and instrument of social interaction; speech events as cultural texts.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 209 - Intercultural Communication

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Linguistic Diversity

Tags
181821, 1

Learning Outcome
Identify elements that contribute to human linguistic diversity

Title
Data Collection and Analysis

Learning Outcome
Apply linguistic ethnographic data collection and communicative analysis skills to specific interactional events

Title
Interpreting Speech

Learning Outcome
Interpret the social work of speech acts through anthropological theories and analysis

Title
Clear Communication

Learning Outcome
Increase your ability to think soundly, to communicate effectively, and to write a clear and convincing essay.

ANTHR 410 - Ethnoarchaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
410

Teaching Area
ANTHR

Course Title
Ethnoarchaeology

Course Description
Examination of the fields of ethnoarchaeology and ethnohistory; use of observations of contemporary societies to aid archaeological interpretation.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ANTHR 215; ANTHR 110; ANTHR 101; ANTHR 215; ANTHR 110; ANTHR 101

ANTHR 412 - Museum Collections Management

Course Information

Teaching Area (new)
ANTHR

Course Number
412

Teaching Area
ANTHR

Course Title
Museum Collections Management

Course Description
Instruction and practice in aspects of managing museum collections: writing catalogs, processing donations, preserving objects.

Department
Anthropology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 311 - Museums and Cultures

Learning Outcomes

Title
Management Skills

Tags
181852, 1

Learning Outcome
Students will be able to apply managemet skills effectively to museum collection management projects.

Title
Museum Standards

Tags
181853, 2

Learning Outcome
Students will be familar with and able to implement professional and legal standards for museum collection projects related to anthropology/ archaeology.

Title
Teamwork

Tags
181854, 3

Learning Outcome
Students will learn how to work as leaders and/or team members in a museum setting.

Title
Research and Writing

Tags
181855, 4

Learning Outcome
Students will improve in writing project reports and presenting research findings.

ANTHR 414 - Museum Projects

Course Information

Teaching Area (new)
ANTHR

Course Number
414

Teaching Area
ANTHR

Course Title
Museum Projects

Course Description
Supervised experience in a museum working with exhibitions, public programs, or research.

Department
Anthropology

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 311 - Museums and Cultures

Learning Outcomes

Title
Museum Projects

Tags
181856, 1

Learning Outcome
Students will become familiar with and able to carry out basic museum projects (not related to managing collections) such as education, outreach, exhibits.

Title
Evaluation

Tags
181857, 2

Learning Outcome
Students will be able to apply evaluation skills effectively to ensure the success of projects.

Title
Leadership

Tags
181858, 3

Learning Outcome
Students will learn how to work as leaders and/or team members in a museum setting.

ANTHR 420 - Visual and Sonic Anthropology

Course Information

Course Number
420

Teaching Area
ANTHR

Course Title
Visual and Sonic Anthropology

Course Description
Overview of visual and sonic anthropology methods including ethnographic film, photography, art, sound and other sensory methods. Students will receive training in modes of data collection and presentation, including how media allow new ways of understanding what it means to be human.

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Theoretical considerations

Tags
213334, 0, 1, 2023-08-28 13:47:11

Learning Outcome
Students will be able to critically evaluate current theoretical and critical approaches to anthropology that focus on visual and multimodal media

Title
Critical trends in data presentation

Tags
213335, 0, 2, 2023-08-28 13:47:13

Learning Outcome
Students will be able to critique visual forms of data presentations in anthropology

Title
Critical trends in data presentation

Tags
213336, 0, 3, 2023-08-28 13:47:16

Learning Outcome
Students will be able to evaluate the stregths and limitations of distinct media in producing and conveying anthropological insights.

Title
Practical skill in Visual Production

Tags
213337, 0, 4, 2023-08-28 13:47:18

Learning Outcome
Students will be able to demonstrate basic skills of photo, video, and audio editing in anthropology

Title
Practical skills in Visual Production

Tags
213338, 0, 5, 2023-08-28 13:47:19

Learning Outcome
Students will be able to produce unique anthropological insights using visual and other media.

ANTHR 430 - Anthropology of Religion

Course Information

Teaching Area (new)
ANTHR

Course Number
430

Teaching Area
ANTHR

Course Title
Anthropology of Religion

Course Description
Anthropological approaches to religion; its content and relation to other social institutions in societies.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Methods

Tags
181828, 1

Learning Outcome
Students will be able to use ethnographic data to discuss and illustrate major religious and ritual practices, the significance of these practices as symbols, and the consequences of these practices in society and in the individual

Title
Social Theory

Learning Outcome
Students will be able to identify and analyze the major theorists and theories of religion, the major theories of religion advanced, and the relation to various categories of religious practice.

ANTHR 431 - Kinship, Race and Gender

Course Information

Teaching Area (new)
ANTHR

Course Number
431

Teaching Area
ANTHR

Course Title
Kinship, Race and Gender

Course Description
Kinship theory and analysis, 1920-present. Recent issues in anthropological treatment of gender, race, marriage, and family structure.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ANTHR 432 - Economic and Political Institutions

Course Information

Teaching Area (new)
ANTHR

Course Number
432

Teaching Area
ANTHR

Course Title
Economic and Political Institutions

Course Description
Connections between wealth and power: political and legal systems in state and nonstate societies; global expansion of capitalism and technology.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge and Skills

Tags
181685, 1

Learning Outcome
This course is designed to enhance student knowledge and skills as a scholar with relation to critical reading within the discipline, intelligent and informed discussion, and writing about past and current issues in global economics.

Title
Knowledge of Political, Legal, and Economic Anthropology

Tags
181686, 2

Learning Outcome
Students will gain a working knowledge of political, legal, and economic anthropology as a preparation for the senior thesis, graduate programs, and possible careers in anthropological, political, legal, or economic fields.

Title
Emphasis Placed on Writing Coherently and Persuasively in th

Tags
181687, 3

Learning Outcome
Students will expand their capacities to read with increased comprehension and to write coherently and persuasively in the discipline.

Title
Expand Opportunities for Critical Thinking

Tags
181688, 4

Learning Outcome
Students will be given many opportunities to think critically about topics pertinent to the course content and their individual research assignments.

Title
Research Presentation and Course Discussion

Tags
181689, 5

Learning Outcome
Students will present their own individual research assignment in both written form and through the venues of a class presentation and discussion of the central themes and tenets as well as methodologies utilized within their individual research project.

ANTHR 436 - Symbolic Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
436

Teaching Area
ANTHR

Course Title
Symbolic Anthropology

Course Description
Social use and understanding of semiotics, signs, symbols, and other meaningful forms as critically constitutive of culture.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Human Cultures

Tags
181888, 1

Learning Outcome
Through course assignments, students will gain a deeper appreciation of the human condition and develop a more penetrating vision of the human experience, an enhanced understanding of human beings and being human.

Title
Symbols and Culture

Tags
181889, 2

Learning Outcome
Through course assignments, students will develop a better understanding of the nature of signs and symbols and of the part they play in perception and experience, of their role in refiguring reality.

Title
Writing and Critical Thinking

Tags
181890, 3

Learning Outcome
Through course assignments, students will develop an increased ability to think soundly, to write clear and insightful entries in an intellectual journal, and to writie an effective final essay.

ANTHR 439 - Advanced Medical/Psych Anthr

Course Information

Teaching Area (new)
ANTHR

Course Number
439

Teaching Area
ANTHR

Course Title
Advanced Medical/Psych Anthr

Course Description
Culture/mind relationship. Cross-cultural variation in concepts of person, emotions, and treatment modalities by society. Psychological implications of cultural differences in childrearing.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 239 - Intro to Medical/Psychological Anthropology

Note
This course requires ANTHR 239 or instructor approval to enroll.

Learning Outcomes

Title
Research Skills

Tags
181813, 3

Learning Outcome
Students will learn to analyze medical and psychological data from a person-centered ethnographic standpoint by engaging with readings and conducting a course project analyzing some medical/psychocultural phenomenon and writing up the results.

Title
Critical Reasoning

Tags
181814, 2

Learning Outcome
Students will learn to critique the philosophical and theoretical assumptions inherent in various approaches to understanding human experience and medical/psychological intersubjectivity.

Title
Social Theory

Tags
181815, 1

Learning Outcome
Through this course students will develop a critique of both the overemphasis on macro-level 'structure' and 'culture' in mainstream anthropology, as well as the overly individualistic emphasis in medical and psychology fields on micro-processes and the health and 'psyches' of individuals. Students will gain an appreciation for the extent to which 'body', 'mind' and 'culture' co-constitute one another in various dimensions of human experience.

ANTHR 442 - Ethnographic Research Design and Methods

Course Information

Teaching Area (new)
ANTHR

Course Number
442

Teaching Area
ANTHR

Course Title
Ethnographic Research Design and Methods

Course Description
This course has two related foci. First, students will practice the methods of ethnographic research, including best practices for participant observation interviewing, among other methods. To this end, students will conduct a mini-ethnography over the course of the semester. Second, students will develop and write a research proposal for the research they will carry out in their field schools. This research proposal will include a research question, a review of the literature that will motivate the research question, a description of the site where the research will be carried out, and an outline of the methods to be used in data collection and analysis. Students will be able to explain ethical research practices and they may need to pursue IRB approval as well.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 101 - Culture and Human Experience

Recommended
300-level regionally relevant courses in the geographic area of interest

Learning Outcomes

Title
Research Design and Methods

Tags
181844, 1

Learning Outcome
Through this course, students will learn principles of good research design, and will be trained in a variety of methods for social science research. By the end of this course, students will have used this training to develop a proosal for a theoretically innovative research project, including laying out valid and reliable methods for answering the research question. By the end of this course, students will have developed the ability to effectivey critique research designs and assess the relative validity and reliability of other research projects. This includes the skills to critically assess the connections between evidence and theoretical claims in social science research.

ANTHR 450 - Anthropology Seminar

Course Information

Teaching Area (new)
ANTHR

Course Number
450

Teaching Area
ANTHR

Course Title
Anthropology Seminar

Course Description
Weekly anthropology seminars in which anthropologists and archaeologists from across the country (as well as from the Department of Anthropology) will present their latest research. An opportunity for students to learn about the most up-to-date research currently being conducted by anthropologists and archaeologists.

Department
Anthropology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

ANTHR 454 - Field School Preparation

Course Information

Teaching Area (new)
ANTHR

Course Number
454

Teaching Area
ANTHR

Course Title
Field School Preparation

Course Description
Topics and training related to preparation for archaeological field school assignments and on-site excavation . \t

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Field School Skills and Knowledge

Tags
181860, 1

Learning Outcome
Students who are enrolled for the required Spring capstone Field School in either the American Southwest/Great Basin or in Petra, Jordan will gain critical skills necessary for archaeological field work, analysis, and cultural immersion.

Title
Field School Preparation Skills

Tags
181829, 0

Learning Outcome
-Students will prepare for their excavation training and experience at a BYU-sponsored dig through course assignments which will include:
1. Course readings that give students a general introduction to the history, cultural contexts, and archaeological research related to the site of the Department's Field School.
2. Through class discussion, students will be prepared to live compatably with the host culture and nation in which the archaeological site under excavation resides.
3. Course exercises and readings that will prepare each student to recognize the various strata-graphic levels of the cultural deposits they will be excavating in Field School.
4. Course discussion, exercises, and readings will give each student a working knowledge of the major archaeological methodologies and theories that will be employed in the Field School projects.
5 Students will gain a basic knowledge of how to research, plan, and prepare a major archaeological excavation field project.

ANTHR 455 - Field School of Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
455

Teaching Area
ANTHR

Course Title
Field School of Archaeology

Course Description
Training and experience in excavation at a BYU-sponsored dig.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
6

Fixed/Max:
6

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 215 - Archaeological Method and Theory
  AND ANTHR 454 - Field School Preparation

Learning Outcomes

Title
Course Objectives

Tags
181830, 1

Learning Outcome
-This course is designed to provide students with an intensive exposure to archaeological field methods in the context of an ongoing research project.
-Students will receive both training and experience in field methods. The course involves working a full schedule five days a week, spending approximately 8 hours a day working in the field. Students will also take turns one day a week doing lab work.
-Students will learn field methods including excavation, mapping, note taking, survey, reading topographic maps, and photography.
-There also will be reading and writing assignments to be completed including a personal field journal that will be graded on a regular basis.

Title
Experience

Tags
181791, 0

Learning Outcome
Students will receive training and experience in excavation at a BYU-sponsored dig

ANTHR 456 - Lab Skills for Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
456

Teaching Area
ANTHR

Course Title
Lab Skills for Anthropology

Course Description
Analytical and laboratory techniques as part of a BYU-sponsored archaeological project.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 455 - Field School of Archaeology

Learning Outcomes

Title
Lab Skills in Anthropology/Archaeology

Tags
181831, 1

Learning Outcome
-Students will gain hands-on laboratory skills in artifact analysis through the study of data sets obtained in the previous Archaeology Field School held in the Spring of the same year in either the American Southwest or Petra, Jordan.
-Students will learn the correct methods for handing and analyzing field data sets in order to develop a research question as well as critically evaluating the methodologies and theories necessary for answering this question.
-Students learn how to chose correct analysis methodolgies and will also integrate statistical analysis into the evaluation of their data set.
-Students will develop the research question that will become their Senior Thesis capstone project from the processes of this course.

ANTHR 490R - Special Topics

Course Information

Teaching Area (new)
ANTHR

Course Number
490R

Teaching Area
ANTHR

Course Title
Special Topics

Course Description
Subjects related to anthropological theory or the operation of social systems.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

ANTHR 490R - Special Topics in Anthropology

Course Information

Teaching Area (new)
ANTHR

Course Number
490R

Teaching Area
ANTHR

Course Title
Special Topics in Anthropology

Course Description
Various subjects related to anthropology

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

ANTHR 495R - Ethnographic Field Project

Course Information

Teaching Area (new)
ANTHR

Course Number
495R

Teaching Area
ANTHR

Course Title
Ethnographic Field Project

Course Description
Conducting field research including qualitative data collection, possibly quantitative as well. Research typically involves substantial field note writing to document observations along with creating recordings of data as appropriate. Analysis of data while in the field to ensure collection of the right data to make a compelling thesis argument.

Department
Anthropology

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
6

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 442 - Ethnographic Research Design and Methods

Learning Outcomes

Title
Course Objectives

Tags
181695, 1

Learning Outcome
Students will conduct independent field work and log field notes. Students will follow their own research plan developed in Anthr 442.

ANTHR 496R - Academic Internship: Research

Course Information

Teaching Area (new)
ANTHR

Course Number
496R

Teaching Area
ANTHR

Course Title
Academic Internship: Research

Course Description
Field or library research.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Supervising instructor's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
181833, 0

Learning Outcome
-Students will complete a supervised internship in an employment setting or agency related to Anthropology.
-Students will link academic learning with these professional experiences.
-Students will complete a minimum of 45 hands-on hours per credit.

ANTHR 497 - Directed Readings

Course Information

Teaching Area (new)
ANTHR

Course Number
497

Teaching Area
ANTHR

Course Title
Directed Readings

Course Description
Reading 2,500 pages on a stated topic.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status; Supervising instructor's consent.

Learning Outcomes

Title
Department Learning Outcome

Tags
181793, 0

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in anthropology.

ANTHR 498R - Directed Research

Course Information

Course Number
498R

Teaching Area
ANTHR

Course Title
Directed Research

Course Description
Under the direction of a mentoring professor, students will contribute to the data collection or analysis of a research project.

Department
Anthropology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Original Mentored Research

Learning Outcome
Students will work alongside faculty to contribute to the data collection, analysis or representation of original research.

Title
Research Methods and Skills

Learning Outcome
Students will apply anthropological data collection, analysis or presentation skills to an original research project.

ANTHR 499 - Senior Thesis

Course Information

Teaching Area (new)
ANTHR

Course Number
499

Teaching Area
ANTHR

Course Title
Senior Thesis

Course Description
Students in this course will take the data that they collected in their field research, analyze it, and write it up with an appropriate context (a.k.a. "literature review"). Some students may go on to publish their research in academic journals.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ANTHR 305 - Foundations of Anthropological Theory
  AND ANTHR 442 - Ethnographic Research Design and Methods
  AND ANTHR 495R - Ethnographic Field Project

OR

Prerequisites

Complete ALL of the following Courses:

- ANTHR 305 - Foundations of Anthropological Theory
  AND ANTHR 455 - Field School of Archaeology
  AND ANTHR 456 - Lab Skills for Anthropology

Learning Outcomes

Title
Course Objectives

Tags
181690, 1

Learning Outcome
Students will analyze data and field notes collected for Anthr 495 to produce publishable journal article, a large-size poster, and a conference presentation.

ANTHR 503 - Contemporary Anthropological Theory

Course Information

Teaching Area (new)
ANTHR

Course Number
503

Teaching Area
ANTHR

Course Title
Contemporary Anthropological Theory

Course Description
Anthropological theory from the late 20th century to the present. Current theoretical concerns of anthropology. Theoretical frameworks and how these theories can inform master's thesis research.

Department
Anthropology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ANTHR 512 - Heritage Resource Management

Course Information

Teaching Area (new)
ANTHR

Course Number
512

Teaching Area
ANTHR

Course Title
Heritage Resource Management

Course Description
Legal and ethical issues for practicing archaeologists. Preservation law, collections law, public archaeology, Native American issues, and careers in archaeology and museums.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into graduate program in archaeology or certificate program in museum practices

Learning Outcomes

Title
Foundational Knowledge

Tags
181704, 1

Learning Outcome
Students will learn the history of cultural resource management and laws relevant to its inception and current state.

Title
Value

Tags
181705, 2

Learning Outcome
Students are to understand the inherent value in cultural resource preservation.

Title
Practical Methods

Tags
181706, 3

Learning Outcome
This course will instruct students in the basic methods necessary in carrying out compliance for the Section 106 review process.

Title
Current Issues

Tags
181707, 4

Learning Outcome
Students will learn the current fundamental issues relative to CRM in the U.S. and will discuss ways in which certain aspects of the field can be improved.

Title
Current Issues

Tags
181796, 3

Learning Outcome
Students will learn the current fundamental issues relative to CRM in the U.S. and will discuss ways in which certain aspects of the field can be improved.

Title
Practical Methods

Tags
181811, 2

Learning Outcome
This course will instruct students in the basic methods necessary in carrying out compliance for the Section 106 review process.

ANTHR 522 - Museum Practices and Technologies

Course Information

Teaching Area (new)
ANTHR

Course Number
522

Teaching Area
ANTHR

Course Title
Museum Practices and Technologies

Course Description
Core museum disciplines: collections management, curation, education, exhibition, and conservation. Supporting technologies: database, digital photography, Web design, etc. Career paths.

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Technology

Tags
181788, 0

Learning Outcome
Students will have competency in a variety of computer software and technologies upon which museum practices are dependent.

Title
Career Preparation

Tags
181797, 3

Learning Outcome

Students will be familiar with career options in the museum field and understand what skills they need to develop to succeed.

Title
Leadership

Tags
181798, 1

Learning Outcome

Students will learn how to work as leaders and/or team members in a museum setting.

Title
Project Management

Tags
181806, 2

Learning Outcome

Students will be able to apply museum technologies effectively to ensure the success of various museum projects.

ANTHR 524 - Museology: Curation and Writing

Course Information

Teaching Area (new)
ANTHR

Course Number
524

Teaching Area
ANTHR

Course Title
Museology: Curation and Writing

Course Description
Professional practices supporting the educational, research, and reporting functions of museums, emphasizing museum writing leading to publication, cataloguing, policy writing, exhibition conceptualization, etc.

Department
Anthropology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
Admission to certificate in museum practices program

Learning Outcomes

Title
Museum Curation and Writing

Tags
181698, 1

Learning Outcome
Students will have hands-on experiences through class assignments in all aspects of writing associated with museum functions and curation including condition reports, registration documents and databases, exhibition research and panels, and educational materials.

Title
Museum Curation and Writing

Tags
181699, 2

Learning Outcome
Students will also learn how to research and write a grant for a museum project or exhibition.

Title
Museum Curation and Writing

Tags
181700, 3

Learning Outcome
Students will learn hands-on skills by developing, researching, and writing all materials necessary for a new exhibition at the Museum of Peoples and Cultures. This experience will also require students to work directly with collections held at the Museum or in other storage facilities.

ANTHR 526 - Museum Exhibitions and Programming

Course Information

Teaching Area (new)
ANTHR

Course Number
526

Teaching Area
ANTHR

Course Title
Museum Exhibitions and Programming

Course Description
Instruction and practica in all aspects of exhibition development. Current thought and literature in museum education with practica for application.

Department
Anthropology

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
8

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ANTHR 524 - Museology: Curation and Writing

Learning Outcomes

Title
Exhibition Skill Assessment

Tags
181874, 1

Learning Outcome
Through course assignments, students will be able to identify their interests and aptitudes for developing museum exhibitions.

Title
Exhibition and Program Skills

Tags
181875, 2

Learning Outcome
Students will be provided projects that require professional practices in developing an exhibition and associated programming products.

Title
Familiarity with Museum Education

Tags
181876, 3

Learning Outcome
Through course assignments, students will acquire training in museum education theory. These assignments will involve hands-on practices in developing a real exhibition.

Title
Mentoring and Professional Development

Tags
181877, 4

Learning Outcome
Through course assignments, students will be provided opportunities to work closely with museum professionals in order to develop a complete exhibition.

ANTHR 530 - Great Basin Archaeology

Course Information

Teaching Area (new)
ANTHR

Course Number
530

Teaching Area
ANTHR

Course Title
Great Basin Archaeology

Course Description
Overview of ethnography, history of research, and prehistory of the Great Basin culture area. Current issues in archaeological research emphasized.

Department
Anthropology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Anthr 350 or equivalent

Learning Outcomes

Title
Great Basin Archaeology

Tags
181665, 1

Learning Outcome
Students will gain archaeological and cultural knowledge of the major native peoples of the Great Basin Region from pre-history through European contact through a study of their archaeologial remains and ethnographic studies.

Title
Great Basin Archaeology

Tags
181666, 2

Learning Outcome
Students will have hands-on experiences with the collections of the Museum of Peoples and Cultures that are representative of the cultures of the Great Basin Region.

ANTHR 535 - Southwest Seminar

Course Information

Teaching Area (new)
ANTHR

Course Number
535

Teaching Area
ANTHR

Course Title
Southwest Seminar

Course Description
Overview of ethnography and prehistory of American Southwest. Current issues in archaeological research emphasized.

Department
Anthropology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Anthr 350 or equivalent

Learning Outcomes

Title
General Understanding

Tags
181895, 1

Learning Outcome
At the completion of the course, students will have a general understanding of the braod outlines of Southwestern prehistory, which will provide the context necessary to understand the current status and historical development of research in Southwestern archaeology.

Title
Current Research in Southwestern Archaeology

Tags
181896, 2

Learning Outcome
Students will become familiar with current research in Southwestern archaeology, including knowledge of how theoretical approaches are applied by Southwestern archaeologists, and how theoretical perspectives affect decisions about fieldwork and laboratory analysis strategies.

Title
History of Southwest Archaeology

Tags
181897, 3

Learning Outcome
The course will familiarize students with some of the most important historical figures and research projects in Southwestern archaeology, and how current research depends on the historic development of Southwestern archaeology.

Title
Effective Communication

Tags
181898, 4

Learning Outcome
Students will gain experience in effective communication by completing writing assignments, making oral presentations, and participating in classroom discussions.

ANTHR 543 - Ethnographic Data Analysis

Course Information

Teaching Area (new)
ANTHR

Course Number
543

Teaching Area
ANTHR

Course Title
Ethnographic Data Analysis

Course Description
Students will learn ethnographic data analysis methods and then they will apply these methods to their own data. They will bring their own data that they will then analyze during the course. In the process, students will learn to use computer-assisted qualitative data analysis software.

Department
Anthropology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ANTHR 580 - Near East Seminar

Course Information

Teaching Area (new)
ANTHR

Course Number
580

Teaching Area
ANTHR

Course Title
Near East Seminar

Course Description
Current issues in Near Eastern archaeological research.

Department
Anthropology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Undergraduates may enroll if they have completed 30 hours in anthropology coursework.

Learning Outcomes

Title
Intensive Graduate Level Near Eastern Seminar

Tags
181708, 1

Learning Outcome
Topics vary according to the instructor's research interests. However, each graduate seminar must provide students an intensive mentored research experience in the archaeology of the Near East. Often the seminars are organized by topic. Example: The Archaeology of Mortuary Practices Applied to the Archaeological Data Set of the Near East. Each Seminar must increase the students' research, critical thinking, analysis, and writing skills in the discipline.

AP 100R - AP Credit

Course Information

Teaching Area (new)
AP

Course Number
100R

Teaching Area
AP

Course Title
AP Credit

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

ARAB 100R - Introduction to Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
100R

Teaching Area
ARAB

Course Title
Introduction to Arabic

Course Description
Beginning Arabic

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic Conversation Tasks

Tags
189617, 2

Learning Outcome
Converse simply but successfully with native speakers of Arabic about self and family; order a meal, ask/give simple directions, and accomplish other basic tasks.

Title
Social Interaction

Tags
189628, 0

Learning Outcome
Demonstrate ability to socially interact with Arabs appropriately (control basic "God wishes," gender/status sensitive).

Title
Written and Audio/Video Texts

Tags
189653, 1

Learning Outcome
Comprehend simple written and audio/video texts on familiar topics.

ARAB 101 - First-Year Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
101

Teaching Area
ARAB

Course Title
First-Year Arabic

Course Description
Basic skills of spoken and written Arabic.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Suggested first class for students learning Arabic. (If all sections are full at registration, email Dr. Belnap at belnap.byu.edu.)

Learning Outcomes

Title
Social Interaction

Tags
189338, 1

Learning Outcome
Demonstrate ability to socially interact with Arabs appropriately (control basic "God wishes," gender/status sensitive).

Title
Differences in Formal and Vernacular Arabic

Tags
189339, 6

Learning Outcome
Recognize and employ some of the differences between formal and vernacular Arabic.

Title
Foundational Structures

Tags
189614, 6

Learning Outcome
Control foundational structures (iDaafa, noun/adjective phrase, basic sentence types, etc.).

Title
Language Learning and Communicative Strategies

Tags
189632, 7

Learning Outcome
Employ key language learning and communicative strategies (e.g. use context and what one knows to infer themeaning of what one does not know).

Title
Arabic Sounds

Tags
189637, 2

Learning Outcome
Distinguish and pronounce all Arabic sounds.

Title
Basic Conversation Tasks

Tags
189644, 1

Learning Outcome
Converse simply but successfully with native speakers of Arabic about self and family; order a meal, ask/give simple directions, and accomplish other basic tasks.

Title
Written and Audio/Video Texts

Tags
189647, 3

Learning Outcome
Comprehend simple written and audio/video texts on familiar topics.

Title
Composing Simple Personal Letters

Tags
189650, 4

Learning Outcome
Compose a simple personal letter.

ARAB 102 - First-Year Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
102

Teaching Area
ARAB

Course Title
First-Year Arabic

Course Description
Second-semester Arabic. Basic language skills, both spoken and written.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Language Learning and Communication Strategies

Tags
189348, 7

Learning Outcome
Employ expanded range of language learning and communication strategies (knowledge of root and pattern system, circumlocution).

Title
Comprehension of Written Tasks

Tags
189618, 2

Learning Outcome
Comprehend simple but longer written and audio/video texts on an expanded range of familiar topics.

Title
Social Interaction with Arabs

Tags
189619, 1

Learning Outcome
Demonstrate expanding ability to socially interact with Arabs appropriately.

Title
Foundational Structures

Tags
189622, 5

Learning Outcome
Significantly increase control of foundational structures (verb conjugations, complex sentence types).

Title
Formal and Vernacular Arabic

Tags
189629, 4

Learning Outcome
Demonstrate increasing ability to appropriately employ formal and vernacular Arabic.

Title
Conversation Tasks

Tags
189634, 1

Learning Outcome
Converse successfully with native speakers of Arabic about likes/dislikes, home/school, health, schedule, plans, and accomplish basic tasks such as shopping.

Title
Writing Descriptive Prose and Narrative Events

Tags
189648, 3

Learning Outcome
Write descriptive prose and narrate events occuring in the past, present and future.

ARAB 201 - Second-Year Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
201

Teaching Area
ARAB

Course Title
Second-Year Arabic

Course Description
Significantly expanding proficiency in Modern Standard Arabic and increasing conversational repertoire.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Arab 102 or equivalent experience

Learning Outcomes

Title
Speaking

Tags
189349, 1

Learning Outcome
Speak Colloquial Arabic at the ACTFL intermediate low level. Show an elementary ability to distinguish between Colloquial and Standard Arabic in word choice and pronunciation.

Title
Reading

Tags
189350, 2

Learning Outcome
Read and understand simple written Standard Arabic texts at the ACTFL intermediate low level.

Title
Listening

Tags
189351, 3

Learning Outcome
Understand spoken conversations and dialogues in Standard and Colloquial Arabic at the ACTFL intermediate low level.

Title
Foundational Structures

Tags
189352, 4

Learning Outcome
Show a mastery of basic verb conjugations, idaafa, and other basic structures, with some familiarity with more advanced structures (passive, active and passive participles, relative clauses, diptotes and other vowelling issues).

Title
Cultural Competency

Tags
189839, 5

Learning Outcome

Students will become familiar with key elements of expectations and norms of a variety of Arab societies.

ARAB 202 - Intermediate Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
202

Teaching Area
ARAB

Course Title
Intermediate Arabic

Course Description
Continuation of Arab 201.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Arab 201 or equivalent experience

Learning Outcomes

Title
Writing

Tags
189824, 4

Learning Outcome
Write short essays, journal entries and notes at the ACTFL Intermediate Mid level, demonstrating emerging ability in aspects of Advanced-level writing.

Title
Foundational Structures

Tags
189825, 5

Learning Outcome
Demonstrate mastery of verb conjugations (including passive) and other basic structures, as well as a developing familiarity with some high frequency constructions typically used in more formal registers. Demonstrate ability to vowel simple texts accurately and a developing ability to vowel more complicated texts.

Title
Vocabulary Mastery

Tags
189826, 6

Learning Outcome
Demonstrate a mastery of basic Arabic vocabulary, both vernacular and formal (approximately 2500 words).

Title
Speaking

Tags
189827, 1

Learning Outcome
Speak Arabic at the ACTFL Intermediate Mid level. Show a developing ability to distinguish between vernacular and formal Arabic in word choice and pronunciation and emerging ability in aspects of Advanced-level speaking.

Title
Reading

Tags
189828, 2

Learning Outcome
Read and understand simple written Arabic texts at the ACTFL Intermediate Mid level. Show developing ability in aspects of Advanced-level reading, such as understanding front-page news articles on familiar topics.

Title
Listening

Tags
189829, 3

Learning Outcome
Understand spoken conversations, monologues, and media in vernacular and formal Arabic at the ACTFL Intermediate Mid level, demonstrating emerging ability in aspects of Advanced-level listening.

Title
Cultural Competency

Tags
189840, 7

Learning Outcome
Students will become familiar with key elements of the expectations and norms of a variety of Arab societies and develop an expanded awareness of the complex interplay between Arabo-Islamic Civilization and the West in the past.

ARAB 211R - Second-Year Conversation

Course Information

Teaching Area (new)
ARAB

Course Number
211R

Teaching Area
ARAB

Course Title
Second-Year Conversation

Course Description
Intermediate spoken Arabic.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Arab 202.

Learning Outcomes

Title
Vocabulary Mastery

Tags
189353, 2

Learning Outcome
Demonstrate a mastery of the vocabulary used to describe, narrate and express basic daily functions and interactions

Title
Speaking

Tags
189816, 1

Learning Outcome
Speak Colloquial Arabic at the ACTFL Intermediate High level. Show an ability to distinguish between Vernacular and Formal Arabic in word choice and pronunciation.

ARAB 221R - Standard Arabic Tutorial

Course Information

Teaching Area (new)
ARAB

Course Number
221R

Teaching Area
ARAB

Course Title
Standard Arabic Tutorial

Course Description
Readings, listening and writing activities, and discussion in Arabic designed to maintain vocabulary and fluency while waiting for study abroad.

Department
Asian and Near Eastern Languages

When Taught
Spring Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Language maintenance for study abroad

Tags
189641, 0

Learning Outcome
Maintain the level of Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery, and reading and speaking fluency.

ARAB 222R - Spoken Arabic Tutorial

Course Information

Teaching Area (new)
ARAB

Course Number
222R

Teaching Area
ARAB

Course Title
Spoken Arabic Tutorial

Course Description
Conversation with a native speaker; movies, plays, and other written sources of colloquial Arabic.

Department
Asian and Near Eastern Languages

When Taught
Summer Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Language Maintenance for Study Abroad

Tags
189621, 0

Learning Outcome
Maintain the level of spoken Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery and speaking fluency.

ARAB 223R - Arabic Grammar Review

Course Information

Teaching Area (new)
ARAB

Course Number
223R

Teaching Area
ARAB

Course Title
Arabic Grammar Review

Course Description
Tutorial review of first- and second-year Arabic grammar, with readings and other activities that illustrate the principles discussed.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Language Maintenance for Study Abroad

Tags
189625, 0

Learning Outcome
Maintain the level of Arabic achieved in Arabic 201/202 during the Spring/Summer terms while waiting for the intensive Arabic study abroad program, in terms of vocabulary mastery, the verbal system, and the grammatical structures of Arabic including tamyiiz, haal, cognate accusative and the like.

ARAB 300 - Advanced Modern Standard Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
300

Teaching Area
ARAB

Course Title
Advanced Modern Standard Arabic

Course Description
Advanced work in reading, writing, listening, speaking.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 202 - Intermediate Arabic

Learning Outcomes

Title
Speaking

Tags
189819, 0

Learning Outcome

Discuss key issues in modern Arab society in a raised register at the ACTFL Advanced Low level. Demonstrate an ability to prepare and present on such issues in a formal register of Arabic.

Title
Writing

Tags
189820, 1

Learning Outcome

Write short essays, journal entries and notes at the ACTFL Advanced Low level.

ARAB 302 - Newspaper Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
302

Teaching Area
ARAB

Course Title
Newspaper Arabic

Course Description
Extensive reading of Arabic newspapers and magazines, with appropriate vocabulary building.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 202 - Intermediate Arabic

Learning Outcomes

Title
Listening

Tags
189817, 2

Learning Outcome
Understand the essentials of straightforward news broadcasts at the ACTFL intermediate High level.

Title
Reading

Tags
189818, 1

Learning Outcome
Read and understand written media Arabic at the ACTFL Advanced Low level. Demonstrate in particular the ability to read and comprehend front page news articles fluently with little recourse to a dictionary.

ARAB 311R - Third-Year Conversation

Course Information

Teaching Area (new)
ARAB

Course Number
311R

Teaching Area
ARAB

Course Title
Third-Year Conversation

Course Description
Advanced conversation skills.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
1

Max:
2

Lecture Hours

Min:
1

Max:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 202 - Intermediate Arabic

Learning Outcomes

Title
Vocabulary Mastery

Tags
189354, 2

Learning Outcome
Demonstrate a mastery of the vocabulary used to describe, narrate and express opinions about current events.

Title
Speaking

Tags
189821, 1

Learning Outcome
Speak vernacular Arabic at the ACTFL Advanced Low level. Show an ability to distinguish between vernacular and formal Arabic in word choice and pronunciation.

ARAB 331 - Spoken Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
331

Teaching Area
ARAB

Course Title
Spoken Arabic

Course Description
Intensive study of the spoken language.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 202 - Intermediate Arabic

Learning Outcomes

Title
Vocabulary

Tags
189355, 2

Learning Outcome
Demonstrate a mastery of the vocabulary necessary to narrate, describe and express opinion on a variety of topics.

Title
Structures

Tags
189822, 3

Learning Outcome
Demonstrate a command of the essential structures of grammatical spoken Arabic: agreement, verb conjugation, word order, etc., and an increasing command of native-like expression, word choice and idiomatic expression.

Title
Speaking

Tags
189823, 1

Learning Outcome
Speak vernacular Arabic at or near the ACTFL Advanced Mid level. Demonstrate significant ability to exploit the resources of both vernacular and formal Arabic in word choice and pronunciation.

ARAB 361 - Introduction to Modern Arabic Literature in Translation

Course Information

Teaching Area (new)
ARAB

Course Number
361

Teaching Area
ARAB

Course Title
Introduction to Modern Arabic Literature in Translation

Course Description
Reading and discussion of representative sample of modern Arabic short stories, novels, plays, and poetry. All readings in English.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Translation

Tags
189661, 1

Learning Outcome
Students will deepen their understanding of modern Arab literature in translation.

Title
Demonstrate translation knowledge

Tags
189662, 2

Learning Outcome
Students will demonstrate knowledge in modern Arab literature in translation.

ARAB 362 - Introduction to Medieval Arabic Literature in Translation

Course Information

Teaching Area (new)
ARAB

Course Number
362

Teaching Area
ARAB

Course Title
Introduction to Medieval Arabic Literature in Translation

Course Description
Reading and discussion of representative sample of medieval Arabic literature. All readings in English.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Translation

Tags
189663, 1

Learning Outcome
Students will deepen their understanding of medival Arab literature in translation.

Title
Demonstrate Knowledge

Tags
189664, 2

Learning Outcome
Students will demonstrate knowledge in medival Arab literature in translation.

ARAB 377 - Arabic Language Teaching Methods

Course Information

Teaching Area (new)
ARAB

Course Number
377

Teaching Area
ARAB

Course Title
Arabic Language Teaching Methods

Course Description
Language acquisition theories and instructional practices specific to Arabic language classrooms at various levels. Lectures, demonstrations, microteaching.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Methods Evaluation

Tags
189500, 1

Learning Outcome
critically evaluate methods in foreign language pedagogy

Title
Curriculum Development

Tags
189501, 3

Learning Outcome
develop effective curricula, syllabi, and lesson plans

Title
Lesson Plan Development

Tags
189502, 4

Learning Outcome
effectively implement lesson plans

Title
Basic Concepts

Tags
189643, 2

Learning Outcome
thoughtfully articulate what it means to know, learn, and teach a foreign language

ARAB 411R - Advanced Formal Arabic Conversation and Rhetorical Skills

Course Information

Teaching Area (new)
ARAB

Course Number
411R

Teaching Area
ARAB

Course Title
Advanced Formal Arabic Conversation and Rhetorical Skills

Course Description
Advanced conversation and rhetorical skills based on point/counterpoint debates.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 311R - Third-Year Conversation

Recommended
Arab 422R

Learning Outcomes

Title
Advanced Arabic Conversation and Rhetorical Skills

Tags
181557, 1

Learning Outcome
Through debates and other activities, students will demonstrate proficiency in advanced conversational skills and rhetorical skills appropriate in Arabic-speaking cultures.

Title
Advanced Arabic Conversation and Rhetorical Skills

Tags
189356, 1

Learning Outcome
Through debates and other activities, students will demonstrate proficiency in advanced conversational skills and rhetorical skills appropriate in Arabic-speaking cultures.

ARAB 421R - Fourth-Year Arabic Writing Tutorial

Course Information

Teaching Area (new)
ARAB

Course Number
421R

Teaching Area
ARAB

Course Title
Fourth-Year Arabic Writing Tutorial

Course Description
Essay and letter writing in Arabic.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing

Tags
189357, 1

Learning Outcome
Write short essays, journal entries and notes at the ACTFL intermediate high level.

ARAB 422R - Advanced Spoken Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
422R

Teaching Area
ARAB

Course Title
Advanced Spoken Arabic

Course Description
Movies, plays, and other texts in spoken Arabic.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Media and rhetorical skills

Tags
189630, 0

Learning Outcome
Students will engage and analyze advanced point/counterpoint media events from a rhetorical viewpoint; they will participate in similar events themselves, with increasing accuracy in displaying prominent features of Arabic rhetorical style; the linguistic accuracy and fluency of their speaking performance will also improve.

ARAB 423R - Current Events in Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
423R

Teaching Area
ARAB

Course Title
Current Events in Arabic

Course Description
Current events from online oral and written news sources, including high-level discussions of causes and context with written analyses and oral presentations.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking and Writing

Tags
189740, 1

Learning Outcome
Demonstrate an ability to speak and write fluently in Arabic about current events in the Middle East, expressing and supporting opinion, and giving detailed descriptions and analyses of the events.

ARAB 424R - Modern Arabic Literature

Course Information

Teaching Area (new)
ARAB

Course Number
424R

Teaching Area
ARAB

Course Title
Modern Arabic Literature

Course Description
Readings in modern Arabic literature.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Key Works

Tags
189359, 1

Learning Outcome
Students will demonstrate their knowledge and understanding of major works and genres in verbal and written forms.

Title
Linguistic Content

Tags
189360, 3

Learning Outcome
Students will demonstrate an ability to understand and analyze the linguistic features of important Arabic literary texts.

Title
Issues

Tags
189626, 1

Learning Outcome
Students will demonstrate their understanding of the major issues of Modern Arabic Literature.

ARAB 425R - Classical Arabic Texts

Course Information

Teaching Area (new)
ARAB

Course Number
425R

Teaching Area
ARAB

Course Title
Classical Arabic Texts

Course Description
Quran, Hadith, Sira, Adab.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Human Experience

Tags
189361, 1

Learning Outcome
Students will demonstrate their understanding of the human aspects of premodern literature.

Title
Comparative

Tags
189631, 2

Learning Outcome
Students will be able to analyze and discuss the influence of the pre-modern language on present-day Arabic.

Title
Key Works

Tags
189654, 1

Learning Outcome
Students will demonstrate their knowledge and understanding of major works and genres.

ARAB 426R - Advanced Arabic Grammar

Course Information

Teaching Area (new)
ARAB

Course Number
426R

Teaching Area
ARAB

Course Title
Advanced Arabic Grammar

Course Description
The morphology and syntax of modern Arabic, including advanced vocabulary study.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Difficult Texts

Tags
189362, 1

Learning Outcome
Demonstrate in increased ability to understand very difficult Arabic texts, by relying on a firm grasp of the vocabulary and grammar of the language, as well as techniques for figuring out difficult structures that present themselves.

ARAB 427 - Arab Women Authors

Course Information

Teaching Area (new)
ARAB

Course Number
427

Teaching Area
ARAB

Course Title
Arab Women Authors

Course Description
Reading and discussion of a selection of works by leading women authors from the Arab world. Both readings and discussions are in Arabic.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Completion of BYU Arabic study abroad program, or equivalent.

ARAB 490R - Independent Readings

Course Information

Teaching Area (new)
ARAB

Course Number
490R

Teaching Area
ARAB

Course Title
Independent Readings

Course Description
Independent readings of Arabic materials.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Reading

Tags
189503, 1

Learning Outcome
Read selected texts at the advanced lo level.

Title
Context

Tags
189504, 2

Learning Outcome
Demonstrate an understanding of the place of those texts in the world of Arabic writing.

ARAB 495R - Directed Studies in Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
495R

Teaching Area
ARAB

Course Title
Directed Studies in Arabic

Course Description
Individual tutorial in topic of student choice; lexical development; major oral and written report in Arabic.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 302 - Newspaper Arabic

Recommended
Arab 424, 425, 426

Learning Outcomes

Title
Reporting and Presenting in Advanced Arabic

Tags
189646, 0

Learning Outcome
Mastery of all of the vocabulary needed for superior level conversation/ presentation/writing on the broad topic chosen by the student; advanced to superior level fluency and accuracy in conversation on this topic; professional level oral Arabic report presented to peers and community; accompanying written Arabic report; both reports included in program portfolio (video and paper).

ARAB 531R - Advanced Topics in Arabic

Course Information

Teaching Area (new)
ARAB

Course Number
531R

Teaching Area
ARAB

Course Title
Advanced Topics in Arabic

Course Description
Advanced studies in Arabic language and literature.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Demonstrate Knowledge

Tags
189665, 1

Learning Outcome
Students will demonstrate knowledge in advance study in Arab topics.

ARMEN 100 - Language Study: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
100

Teaching Area
ARMEN

Course Title
Language Study: Armenian

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language Armenian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195622, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195628, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195636, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ARMEN 101 - First-Year Language Study: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
101

Teaching Area
ARMEN

Course Title
First-Year Language Study: Armenian

Course Description
Beginning speaking, listening, reading, and writing skills in Armenian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195645, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195650, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195655, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195661, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ARMEN 102 - First-Year Language Study: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
102

Teaching Area
ARMEN

Course Title
First-Year Language Study: Armenian

Course Description
Second-semester speaking, listening, reading, and writing skills in Armenian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARMEN 101 - First-Year Language Study: Armenian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195667, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195669, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195677, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195680, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ARMEN 201 - Second-Year Language Study: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
201

Teaching Area
ARMEN

Course Title
Second-Year Language Study: Armenian

Course Description
Intermediate speaking, listening, reading, and writing skills in Armenian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARMEN 102 - First-Year Language Study: Armenian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195686, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195690, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195691, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195697, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ARMEN 202 - Second-Year Language Study: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
202

Teaching Area
ARMEN

Course Title
Second-Year Language Study: Armenian

Course Description
Continued emphasis on Armenian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARMEN 201 - Second-Year Language Study: Armenian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
195701, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195707, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195711, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195715, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ARMEN 305 - Language Skills Development: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
305

Teaching Area
ARMEN

Course Title
Language Skills Development: Armenian

Course Description
Increasing proficiency in one or more of the following Armenian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195722, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195727, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195732, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ARMEN 321 - Advanced Grammar: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
321

Teaching Area
ARMEN

Course Title
Advanced Grammar: Armenian

Course Description
Advance your Armenian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195736, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195737, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195740, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
330

Teaching Area
ARMEN

Course Title
Advanced Language Proficiency Through Cultural Studies: Armenian

Course Description
Study of Armenian using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Armen 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195743, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195744, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195745, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195746, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ARMEN 340 - Introduction to Literature: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
340

Teaching Area
ARMEN

Course Title
Introduction to Literature: Armenian

Course Description
Explore Armenian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195747, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195748, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195749, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195750, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

ARMEN 350 - Advanced Language Study for Career Purposes: Armenian

Course Information

Teaching Area (new)
ARMEN

Course Number
350

Teaching Area
ARMEN

Course Title
Advanced Language Study for Career Purposes: Armenian

Course Description
Concentration on Armenian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARMEN 330 - Advanced Language Proficiency Through Cultural Studies: Armenian

Learning Outcomes

Title
Defined Career Purposes

Tags
195751, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195752, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195753, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195754, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

ART 101 - Introduction to Art and Drawing

Course Information

Teaching Area (new)
ART

Course Number
101

Teaching Area
ART

Course Title
Introduction to Art and Drawing

Course Description
Readings, aesthetic topics, basic drawing and compositional techniques and concepts.

Department
Art

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
Some sections will be reserved for Freshman/Sophomore students or Art minors.

Learning Outcomes

Title
Skill Development

Tags
54784, 0, 0, 2021-07-26 11:18:55

Learning Outcome
Students will exhibit fundamental knowledge and skill in a variety of media

Title
Aesthetic Sensibilities

Tags
54783, 0, 1

Learning Outcome
Students will develop perceptive and inventive skills using various art media as a means to developing a personal voice.

Title
Historical and Contemporary Context

Tags
54782, 0, 2

Learning Outcome
Students will become familiar with the work of artists both past and present

ART 102 - Introduction to Art: 2D

Course Information

Teaching Area (new)
ART

Course Number
102

Teaching Area
ART

Course Title
Introduction to Art: 2D

Course Description
Formal and conceptual consideration of design and composition using a variety of media and systems.

Department
Art

When Taught
Fall; Winter; Spring Odd Yrs.; Summer Even Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
Pre-major Art, Pre-major Art Education, or Art Education Minor status

Recommended
Concurrent enrollment in ART 133 and ART 226

Learning Outcomes

Title
Spatial Skills

Learning Outcome
Students will comprehend and apply perceptual systems for representing and organizing space and form.

Title
Technical Skills

Learning Outcome
Students will be introduced to a variety of techniques, mediums and craft approaches in creating perceptual objects.

Title
Individual Approach

Learning Outcome
Students will initiate the development of personal concepts and explore creative problem solving

Title
Contextual Awareness

Learning Outcome
Students will articulate connections between their own work and historic and contemporary artmaking

ART 104 - Introduction to Sculpture for Non-Majors

Course Information

Teaching Area (new)
ART

Course Number
104

Teaching Area
ART

Course Title
Introduction to Sculpture for Non-Majors

Course Description
Basic sculpture processes and concepts, including lecture, demonstrations, lab time, slide lectures, some art historical material.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Note
Fee.

Learning Outcomes

Title
Skill Development

Tags
65056, 2

Learning Outcome
Students will learn the sculptural basics of carving, casting and fabrication in relation to original art work.

Title
Evaluate

Tags
66068, 3

Learning Outcome
Students will learn to evaluate their own sculptural works and that of others through regularly scheduled critiques. Work will be compared to contemporary and traditional standards of thought and practice applied to 3 dimensional art.

Title
Context

Tags
66069, 0

Learning Outcome
Students will develop an understanding of conceptual and formal trends in contemporary sculpture through lectures, images and other means.

ART 105 - Introduction to Ceramics for Non-Majors

Course Information

Teaching Area (new)
ART

Course Number
105

Teaching Area
ART

Course Title
Introduction to Ceramics for Non-Majors

Course Description
Basic throwing, hand-building skills, vocabulary, and technique for non-art majors, including lecture, demonstrations, lab time, slide lectures, some art historical material.

Department
Art

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
35

Note
Fee.

Learning Outcomes

Title
Composition and Design

Tags
66062, 2

Learning Outcome
Students will learn the basics of ceramic forming techniques and design considerations.

Title
Clay Properties, Vocabulary, and Surface

Tags
66066, 1

Learning Outcome
Students will demonstrate a grasp of the fundamental properties of clay and glaze process. Students will learn applicable vocabulary to discuss surface options and issues they encounter in the formation of ceramic art.

Title
Evaluate

Tags
66067, 3

Learning Outcome
Students will learn to evaluate their own sculptural works and that of others through regularly scheduled critiques. Work will be compared to contemporary and traditional standards of thought and practice applied to 3 dimensional art.

Title
Context

Tags
66058, 0, 0

Learning Outcome

Students will explore examples of historical and contemporary ceramic art and process through lectures, images and other means.

ART 110 - Painting for Non-Majors

Course Information

Teaching Area (new)
ART

Course Number
110

Teaching Area
ART

Course Title
Painting for Non-Majors

Course Description
Paint media such as watercolor and acrylic will be presented; primary focus will be on oils. Course will explore both traditional and current modes of painting. Emphasis will be placed on developing a strong work ethic, development of a personal vocabulary in paint, and the exploration of a variety of painting processes.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Painting Production

Tags
54476, 1

Learning Outcome
Students will increase their confidence as painters through the production of a significant body of paintings.

Title
History & Context

Tags
105805, 2

Learning Outcome

Students will gain a basic understanding of the history of painting and trends in contemporary painting.

Title
Painting Materials

Tags
105806, 3

Learning Outcome

Students will gain a basic understanding of the materials, techniques and terminology of oil painting.

Title
Color

Tags
105807, 4

Learning Outcome

Students will gain an understanding of color theory and color mixing as they related to painting.

ART 120 - Watercolor for Non-Majors

Course Information

Teaching Area (new)
ART

Course Number
120

Teaching Area
ART

Course Title
Watercolor for Non-Majors

Course Description
Introduction to aqueous media.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Painting Production

Tags
185992, 1

Learning Outcome
Students will increase their confidence as painters through the production of a significant body of paintings.

Title
History & Context

Tags
185993, 2

Learning Outcome
Students will gain a basic understanding of the history of watercolor painting and trends in contemporary watercolor painting.

Title
Painting Materials

Tags
185994, 3

Learning Outcome
Students will gain a basic understanding of the materials, techniques and terminology of watercolor painting.

Title
Color

Tags
185995, 4

Learning Outcome
Students will gain an understanding of color theory and color mixing as they related to watercolor painting.

ART 122 - Printmaking for Non-Majors

Course Information

Teaching Area (new)
ART

Course Number
122

Teaching Area
ART

Course Title
Printmaking for Non-Majors

Course Description
Introduction to the basic materials, techniques, process, history, and aesthetics of intaglio, lithography, and relief printmaking processes.

Department
Art

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
75

Note
Fee.

Learning Outcomes

Title
Printmaking Concepts, Theories, and History

Tags
64703, 1

Learning Outcome
Students will Demonstrate an understanding of the basic concepts, theories, and history of intaglio, relief and lithographic printmaking.

Title
Printmaking Techniques and Process

Tags
64704, 2

Learning Outcome
Students will demonstrate an understanding of the basic techniques and processes of intaglio, relief and lithographic printmaking as introduced in class.

Title
Application of Skills and Techniques

Tags
64705, 3

Learning Outcome
Students will appropriately apply basic printmaking skills and techniques as introduced in class to make intaglio, relief and lithographic prints.

Title
Print Evaluation

Tags
64706, 4

Learning Outcome
Students will be able to evaluate prints based on professional criteria and standards introduced in class.

Title
Aesthetic Awareness and Sensibilities

Tags
64707, 5

Learning Outcome
Students will demonstrate increased aesthetic awareness and sensibilities, particularly as they relate to printmaking, and successfully apply these in their art making.

ART 130 - Bookbinding

Course Information

Teaching Area (new)
ART

Course Number
130

Teaching Area
ART

Course Title
Bookbinding

Course Description
Traditional approaches to hand bookbinding.

Department
Art

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Note
Fee.

Learning Outcomes

Title
Non-Traditional Book Structures

Tags
54083, 0

Learning Outcome
Students will discuss and explore the construction of non-traditional book forms, using both traditional and non-traditional bookmaking materials.Old: Through exposure to many examples of artists' books, students will discuss and identify new ideas of what constitutes a Book and how non-traditional and re-purposed materials may successfully be used to create a book structure.

Title
Historical Bookbinding Types

Tags
54260, 0

Learning Outcome
Students will be able to identify the historic roots and time periods of various book forms from both western and eastern history.

Title
Expression and Creativity

Tags
54649, 0

Learning Outcome
Students will incorporate self-expression and creativity in their bookbinding projects.

Title
Bookbinding Skills & Techniques

Tags
54713, 0

Learning Outcome
Students will demonstrate proficiency in the use of basic bookbinding techniques, tools and equipment.

ART 133 - Introduction to Art: 3D

Course Information

Teaching Area (new)
ART

Course Number
133

Teaching Area
ART

Course Title
Introduction to Art: 3D

Course Description
Three-dimensional concepts, theories, and issues using a variety of media and processes. Readings, writings, and participation in course work exhibitions required.

Department
Art

When Taught
Fall; Winter; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
Pre-major Art, Pre-major Art Education, Art Education Minor, or Art Minor status.

Recommended
Concurrent enrollment in ART 102 and ART 226

Note
Fee.

Learning Outcomes

Title
Spatial Skills

Learning Outcome
Students will comprehend and apply perceptual systems for representing and organizing space and form.

Title
Technical Skills

Learning Outcome
Students will be introduced to a variety of techniques, mediums and craft approaches in creating perceptual objects

Title
Individual Approach

Learning Outcome
Students will initiate the development of personal concepts and explore creative problem solving

Title
Contextual Awareness

Learning Outcome
Students will articulate connections between their own work and historic and contemporary artmaking

ART 200 - Studio Techniques for Art History

Course Information

Teaching Area (new)
ART

Course Number
200

Teaching Area
ART

Course Title
Studio Techniques for Art History

Course Description
Introduction to art techniques, materials, and practices directed toward art history majors.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
75

Note
Fee.

Learning Outcomes

Title
Western Art History and Techniques

Tags
54201, 1

Learning Outcome
Students will become familiar with processes and techniques historically used in the Western tradition. These include drawing, oil painting, watercolor, fresco, tempera, addative and subtractive scupture, casting, ceramics and printmaking.

Title
Effective Communication

Tags
54347, 1

Learning Outcome
Students will become able to describe these processes and techniques, verbally and in writing.

ART 210 - New Genres and Interdisciplinary Projects

Course Information

Teaching Area (new)
ART

Course Number
210

Teaching Area
ART

Course Title
New Genres and Interdisciplinary Projects

Course Description
Developing an artistic voice while exploring new genres of art making including installation, digital, time-based, performance, sound, and technology-based work. Includes an introduction to hybridized, collaborative, and cross-disciplinary art projects.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 133 - Introduction to Art: 3D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Learning Outcomes

Title
Non-Traditional Approaches

Tags
54613, 3

Learning Outcome
Students will expand their art practice by engaging in a variety of non-traditional approaches to art production, while incorporating a conceptual framework in their exploration.

Title
New Genre Art Practices

Tags
54704, 1

Learning Outcome
Students will develop a basic understanding of New Genre art practices and their origins, including relevant themes and concerns.

Title
Production

Tags
54705, 2

Learning Outcome
Students will produce a body of work demonstrating a developing understanding and engagement with the themes and concepts explored in class.

ART 215 - Painting Fundamentals

Course Information

Teaching Area (new)
ART

Course Number
215

Teaching Area
ART

Course Title
Painting Fundamentals

Course Description
Fundamentals in oil painting and aqueous media.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ART 102 - Introduction to Art: 2D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Learning Outcomes

Title
Painting Materials

Tags
54364, 2

Learning Outcome
Students will gain a basic understanding of the materials of painting.

Title
Painting Production

Tags
54458, 1

Learning Outcome
Students will increase their confidence as painters through the production of a significant body of paintings.

Title
Contemporary Painting and Painting History

Tags
54596, 3

Learning Outcome
Students will expand their knowledge of contemporary painting and the history of painting.

ART 216 - Ceramics Fundamentals

Course Information

Teaching Area (new)
ART

Course Number
216

Teaching Area
ART

Course Title
Ceramics Fundamentals

Course Description
Foundation ceramics.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ART 133 - Introduction to Art: 3D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Fee
35

Learning Outcomes

Title
Craft and Creative Issues

Tags
54088, 3

Learning Outcome
Students will read and discuss a variety of related issues, including writings on contemporary arts and crafts and personal creative sources.

Title
Visual Imagery and Ceramics

Tags
54133, 2

Learning Outcome
Students will find and explore visual imagery and gain a sense of historical and contemporary ceramics.

Title
Clay Properties, Challenges, and Glazing

Tags
54715, 1

Learning Outcome
Students will demonstrate a grasp of the fundamental properties of clay, explore glazing options, and encounter the challenges of the medium.

ART 217 - Sculpture Fundamentals

Course Information

Teaching Area (new)
ART

Course Number
217

Teaching Area
ART

Course Title
Sculpture Fundamentals

Course Description
Foundation sculpture.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ART 133 - Introduction to Art: 3D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Learning Outcomes

Title
Aesthetic Understanding and Sensibility

Tags
106799, 1

Learning Outcome
Students will demonstrate a basic aesthetic understanding and sensibility in their work.

Title
Sculptural Skills and Processes

Tags
106802, 2

Learning Outcome
Students will demonstrate basic skills in sculptural processes.

Title
Contemporary Sculpture

Tags
106804, 3

Learning Outcome
Students will expand their knowledge of contemporary sculpture on a fundamental level

ART 220 - Introduction to Drawing and Figure Drawing

Course Information

Teaching Area (new)
ART

Course Number
220

Teaching Area
ART

Course Title
Introduction to Drawing and Figure Drawing

Course Description
Perceptive and inventive drawing and fundamental study of the figure using a variety of media and methods.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ART 102 - Introduction to Art: 2D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Learning Outcomes

Title
Intuition in Drawing

Tags
54393, 3

Learning Outcome
Students will strengthen perceptive and inventive drawing skills.

Title
Figure Drawing History

Tags
54419, 1

Learning Outcome
Students will become familiar with the work of artists both past and present who implement the use of the human figure in art making.

Title
Figure Drawing Skills

Tags
54420, 0

Learning Outcome
Students will exhibit fundamental knowledge and skills in drawing the human figure.

Title
Drawing Materials and Tools

Tags
54599, 2

Learning Outcome
Students will exhibit fundamental skills in using a variety of art making tools.

ART 225 - Printmaking Fundamentals

Course Information

Teaching Area (new)
ART

Course Number
225

Teaching Area
ART

Course Title
Printmaking Fundamentals

Course Description
Introduction to the basic materials, techniques, history, and aesthetics of intaglio, lithography, and other printmaking processes.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 102 - Introduction to Art: 2D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to a Department of Art degree program.

Fee
25

Learning Outcomes

Title
Aesthetic Awareness and Sensibilities

Tags
54280, 4

Learning Outcome
Students will demonstrate increased aesthetic awareness and sensibilities, particularly as they relate to printmaking, and successfully apply these in their art making.

Title
Print Evaluation

Tags
54418, 3

Learning Outcome
Students will be able to evaluate prints based on professional criteria and standards introduced in class.

Title
Printmaking Concepts, Theories, and History

Tags
170197, 0

Learning Outcome
Students will demonstrate an understanding of the basic concepts, theories, and history of intaglio, relief, screen, and lithographic printmaking.

Title
Printmaking Techniques and Process

Tags
170198, 1

Learning Outcome
Students will demonstrate an understanding of the basic techniques and processes of intaglio, relief, screen, and lithographic printmaking as introduced in class.

Title
Application of Skills and Techniques

Tags
170199, 2

Learning Outcome
Students will appropriately apply basic printmaking skills and techniques as introduced in class to make intaglio, relief, screen, and lithographic prints.

ART 226 - Approaches to Artmaking

Course Information

Teaching Area (new)
ART

Course Number
226

Teaching Area
ART

Course Title
Approaches to Artmaking

Course Description
A broad theoretical and historical framework for the production and understanding of contemporary creative practices, including those that are interdisciplinary. Content integrated with and applied in other core and advanced studio courses.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Pre-major Art, Pre-major Art Education, Art Education minor, or Art minor status.

Recommended
Concurrent enrollment in ART 102 and ART 226

ART 240 - Print and Web Design for Studio Artists

Course Information

Teaching Area (new)
ART

Course Number
240

Teaching Area
ART

Course Title
Print and Web Design for Studio Artists

Course Description
Introduction to web and print design for art majors. Students will apply skills and concepts gained in the first-year Core program to design problems. This course builds on art students' studio art training and provides a broad introduction to the methods, concepts, and tools of web and print design that students can apply in studio art making, in promoting their work and careers, and in professional contexts.

Department
Art

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 102 - Introduction to Art: 2D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance to an art program, either Art BA, Art Ed BA, or Art BFA.

Learning Outcomes

Title
Design Fundamentals and Processes

Tags
208253, 0, 1

Learning Outcome
Students will implement the steps that guide a designer to effective solutions, will apply compositional skills to design problems, and will learn and apply fundamentals of 2D design such as grid systems and the basics of typography.

Title
Technical Proficiency

Tags
208254, 0, 2

Learning Outcome
Students will become proficient in the technical fundamentals of print and web design and production.

Title
Professional Practices

Tags
208255, 0, 3

Learning Outcome
Students will employ professional practices in supporting their art by developing materials such as a portfolio website and will become aware of professional opportunities for studio artstis to deploy their art skills in commercial contexts.

ART 260 - Photography Fundamentals

Course Information

Teaching Area (new)
ART

Course Number
260

Teaching Area
ART

Course Title
Photography Fundamentals

Course Description
This class serves as an introduction to contemporary art photography and is designed to help familiarize students with current themes and movements within the medium while building a foundation of pertinent technical skills.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ART 102 - Introduction to Art: 2D
  AND ART 226 - Approaches to Artmaking

Other Prerequisites
Acceptance into an Art or Art Education major

Learning Outcomes

Title
Specialization and Proficiency

Tags
186040, 1

Learning Outcome
Students will develop essential camera skills and a basic knowledge of editing software.

Title
Photography in Contemporary Art

Tags
186041, 2

Learning Outcome
Students will gain an understanding of the role of photography within the contemporary art dialogue, including a familiarity with a range of prominent artists, key concepts, and movements related to the medium.

Title
Personal Art Development

Tags
186042, 3

Learning Outcome
Students will develop new strategies for art making while addressing conceptual concerns in their work.

ART 310 - Installation

Course Information

Teaching Area (new)
ART

Course Number
310

Teaching Area
ART

Course Title
Installation

Course Description
Developing an artistic voice while exploring various installation art practices.

Department
Art

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 210 - New Genres and Interdisciplinary Projects

Learning Outcomes

Title
Develop a Body of Work

Tags
54195, 2

Learning Outcome
Students will produce a body of work demonstrating an active engagement with the themes and concepts explored in class, while also reflecting their personal voice.

Title
Production

Tags
54271, 5

Learning Outcome
Students will produce a body of work demonstrating an active engagement with the themes and concepts explored in class, while also reflecting their personal voice.

Title
Effective Writing and Communication

Tags
54388, 6

Learning Outcome
Students will develop the ability to successfully discuss their ideas and artistic intentions in both academic and non-academic settings.

Title
Conceptual Articulation

Tags
54412, 3

Learning Outcome
Students will develop the ability to successfully discuss their ideas and artistic intentions in both academic and non-academic settings.

Title
New Genre Fundamentals

Tags
54445, 4

Learning Outcome
Students will develop an in-depth understanding of New Genre art practices and their origins, including a familiarity with prominent artists, key works, significant movements and relevant themes.

Title
Background of New Genre

Tags
104589, 1

Learning Outcome
Students will develop an in-depth understanding of New Genre art practices and their origins, including a familiarity with prominent artists, key works, significant movements and relevant themes.

ART 320 - 20th Century Art and Theory

Course Information

Teaching Area (new)
ART

Course Number
320

Teaching Area
ART

Course Title
20th Century Art and Theory

Course Description
Survey of modernism and postmodernism with their varied theories and methodologies as related to visual culture and art.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 226 - Approaches to Artmaking

Learning Outcomes

Title
Comprehension

Tags
185996, 1

Learning Outcome
Students will be able to demonstrate a comprehension of modernism and postmodernism with their wide-ranging theories as related to visual culture and art.

Title
Spiritual and Ethical

Tags
185997, 2

Learning Outcome
Students will be able to examine the spiritual and ethical implications of the varied artistic and cultural theories of the twentieth Century.

Title
Strategies and Methodologies

Tags
185998, 3

Learning Outcome
Students will be able to evaluate significant strategies and methodologies for art production during the twentieth Century.

ART 321 - Drawing

Course Information

Teaching Area (new)
ART

Course Number
321

Teaching Area
ART

Course Title
Drawing

Course Description
Drawing as a graphic form of self-expression, emphasizing personal statement in response to various experiences and concepts.

Department
Art

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 220 - Introduction to Drawing and Figure Drawing

Learning Outcomes

Title
Research and Idea Development

Tags
54166, 3

Learning Outcome
Students will develop ideas and conceptual content of work through research and related art production.

Title
Perceptive and Inventive Drawing

Tags
54497, 2

Learning Outcome
Students will exhibit fundamental knowledge and skill in perceptive and inventive drawing.

Title
Drawing Past and Present

Tags
54521, 1

Learning Outcome
Students will become familiar with drawing work by artists both past and present.

ART 326 - Current Art Practice

Course Information

Teaching Area (new)
ART

Course Number
326

Teaching Area
ART

Course Title
Current Art Practice

Course Description
Current issues in art.

Department
Art

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 226 - Approaches to Artmaking
  AND ART 320 - 20th Century Art and Theory

Other Prerequisites
Acceptance to the Art program.

Learning Outcomes

Title
Contextualization

Tags
54274, 2

Learning Outcome
Students will contextualize their own art in relation to contemporary art and practice through research, readings, writing, and presentations.

Title
Awareness

Tags
54411, 1

Learning Outcome
Students will develop a greater awareness of significant contemporary art and exhibitions.

Title
Critical Thinking

Tags
54626, 3

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to contemporary art and their own artistic practice.

ART 327 - Painting

Course Information

Teaching Area (new)
ART

Course Number
327

Teaching Area
ART

Course Title
Painting

Course Description
Fundamental concepts and techniques of oil painting.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 215 - Painting Fundamentals

Learning Outcomes

Title
Production

Tags
54098, 1

Learning Outcome
Students will produce a significant body of paintings based in personal interests and areas of focus

Title
Past and Present Art Context

Tags
54461, 2

Learning Outcome
Students will gain a contextual understanding of art both past and present as related to their own artistic production

Title
Painting Methods and Materials

Tags
54692, 3

Learning Outcome
Students will develop an in-depth understanding of the methods and materials of painting

ART 328R - Figure Drawing and Painting

Course Information

Teaching Area (new)
ART

Course Number
328R

Teaching Area
ART

Course Title
Figure Drawing and Painting

Course Description
The human form in two-dimensional art. Exploration of ideas and issues related to figurative art, both past and present.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 215 - Painting Fundamentals
  AND ART 220 - Introduction to Drawing and Figure Drawing

Other Prerequisites
Students wishing to focus primarily on figure painting should complete Art 327 as a prerequisite.

Learning Outcomes

Title
Observation

Tags
186033, 1

Learning Outcome

Create a significant body of work that demonstrates a skill and understanding for how the human form is described in painting. This includes training in both traditional and inventive art processes.

Title
Historical Context

Tags
186034, 2

Learning Outcome
2. Become familiar with the work of artists both past and present who implement the use of the human figure in art making.

Title
Self-Assessment

Tags
186035, 3

Learning Outcome
3. Critically examine their artwork and its relationship to spiritual values and ethical issues relevant to art.

Title
Self-direction

Tags
186036, 4

Learning Outcome
4. Create a self-guided project based on a concept that incorporates the human form through a medium of their choice.

ART 330 - Advanced Bookbinding

Course Information

Teaching Area (new)
ART

Course Number
330

Teaching Area
ART

Course Title
Advanced Bookbinding

Course Description
This course will instruct students in advanced techniques for bookbinding as well as engaging with the creative, contextual, and content-oriented possibilities of the medium.

Department
Art

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ART 130 - Bookbinding

ART 333 - Painting : Aqueous Media

Course Information

Teaching Area (new)
ART

Course Number
333

Teaching Area
ART

Course Title
Painting : Aqueous Media

Course Description
Exploring multiple aqueous painting mediums and processes as they relate to problem solving, idea development, and art-making.

Department
Art

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ART 215 - Painting Fundamentals

Learning Outcomes

Title
Exploration of the Medium

Tags
54149, 0

Learning Outcome
Students will explore a variety of aqueous painting mediums and methods.

Title
Production

Tags
54278, 2

Learning Outcome
Students will produce a significant body of paintings based in personal interests and areas of focus.

Title
Context in History

Tags
54377, 3

Learning Outcome
Students will gain a contextual understanding of art both past and present as related to their own artistic production.

Title
Development and Execution of Ideas

Tags
54405, 1

Learning Outcome
Students will gain proficiency in developing ideas and executing their ideas through the appropriate application of painting and 2D mediums and processes.

ART 334 - Painting: Materials & Methods

Course Information

Course Number
334

Teaching Area
ART

Course Title
Painting: Materials & Methods

Course Description
This course will provide an in-depth engagement with the materials and methods of painting spanning both historic and contemporary approaches. Students will produce a range of painting supports, grounds, mediums, and paints and will use these materials to create a significant body of paintings.

Department
Art

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- ART 215 - Painting Fundamentals
  AND ART 327 - Painting

Learning Outcomes

Title
Painting Supports

Learning Outcome
Students will demonstrate an in-depth understanding of the creation and use of a range of painting supports and grounds.

Title
Painting Methods and Materials

Learning Outcome
Students will develop an understanding of a range of paints and painting mediums through research and the production of these materials.

Title
Production

Learning Outcome
Students will create a significant body of paintings that build their artistic voice while exploring a range of approaches to materials and painting.

Title
Context in History

Learning Outcome
Students will gain a contextual understanding of art both past and present as related to their own artistic production.

ART 340 - Business Practices for Artists

Course Information

Teaching Area (new)
ART

Course Number
340

Teaching Area
ART

Course Title
Business Practices for Artists

Course Description
The business of being an artist, exploring career options, alternative applications, interdisciplinary opportunities, and requisite preparation for career readiness.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into major.

Learning Outcomes

Title
Ethics

Tags
186011, 2

Learning Outcome
Critically examine spiritual values and ethical issues relevant to art as related to art practices and business

Title
Portfolio Development

Tags
186012, 3

Learning Outcome
Develop materials for presentation to art venues

Title
Develop Professional Awareness

Tags
186016, 1

Learning Outcome
Demonstrate an awareness of and preparation for graduate studies, teaching opportunities, professional gallery work, interdisciplinary opportunities, and other art related activities connected to alternative applications.

ART 341 - Exhibition & Gallery Practices for Artists

Course Information

Course Number
341

Teaching Area
ART

Course Title
Exhibition & Gallery Practices for Artists

Course Description
This course prepares students for the demands and requirements of careers in exhibition spaces through academic knowledge, critical thinking skills, and practical experience in gallery management.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Art History and Context

Learning Outcome
Students will be familiar with historical contexts and frameworks of museums and galleries and how that informs contemporary artistic practice.

Title
Skill Development and Proficiency

Learning Outcome
Students will be able to handle, curate, install, and contextualize various types of art objects.

Title
Spirituality, Ethics, and Art

Learning Outcome
Students will be able to evaluate the ethics of curatorial and arts administrative methodologies and histories.

Title
Professional Development

Learning Outcome
Students will be able to operate within galleries and museums and understand the various roles and duties within them.

ART 349 - Advanced Printmaking : Book Arts, Letterpress, & Relief

Course Information

Teaching Area (new)
ART

Course Number
349

Teaching Area
ART

Course Title
Advanced Printmaking : Book Arts, Letterpress, & Relief

Course Description
Exploring the historical combination of book arts with relief and letterpress printmaking using both traditional and non-traditional forms.

Department
Art

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 225 - Printmaking Fundamentals

Other Prerequisites
Acceptance into major.

Fee
25

Learning Outcomes

Title
Advanced Skill Development

Learning Outcome
Students will develop advanced relief printmaking, letterpress printmaking, and bookbinding skills, emphasizing art objects.

Title
Historical and Theoretical Awareness

Learning Outcome
Students will expand their knowledge and understanding of the history, theories and processes of book arts and printmaking processes.

Title
Aesthetic Development

Learning Outcome
Students will demonstrate an increased sensitivity to the aesthetics of book arts and printmaking and create a body of work reflecting both.

ART 350 - Advanced Printmaking: Intaglio & Monotype

Course Information

Teaching Area (new)
ART

Course Number
350

Teaching Area
ART

Course Title
Advanced Printmaking: Intaglio & Monotype

Course Description
Introduces advanced knowledge and technique of intaglio and monotype printmaking beyond Printmaking Fundamentals course.

Department
Art

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 225 - Printmaking Fundamentals

Fee
25

Learning Outcomes

Title
Personal Direction

Tags
54145, 2

Learning Outcome
Students will strengthen the level of personal direction in their work.

Title
Advanced Printmaking Skills

Tags
54157, 4

Learning Outcome
Students will develop advanced intaglio printmaking skills.

Title
Fundamental Skills and Knowledge

Tags
54501, 1

Learning Outcome
Students will demonstrate fundamental skills and knowledge of monotype and collagraphy.

Title
Aesthetic Awareness and Sensibilities

Tags
54661, 3

Learning Outcome
Students will demonstrate an increased sensitivity to the aesthetics of intaglio printmaking, monotype, and collagraphy.

Title
Advanced Intaglio Theory and Process

Learning Outcome
Student will expand their knowledge and understanding of the theories, history, and processes of intaglio printmaking, monotype, and collagraphy.

ART 351 - Advanced Printmaking: Lithography

Course Information

Teaching Area (new)
ART

Course Number
351

Teaching Area
ART

Course Title
Advanced Printmaking: Lithography

Course Description
Introduces advanced knowledge and technique of lithography printmaking beyond Printmaking Fundamentals.

Department
Art

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 225 - Printmaking Fundamentals

Fee
25

Learning Outcomes

Title
Advanced Lithography Skills

Tags
54742, 1

Learning Outcome
Students will develop advanced lithography skills.

Title
History, Theories and Processes of Lithographic printmaking

Tags
54743, 0

Learning Outcome
Students will expand their knowledge and understanding of the history, theories and processes of lithographic printmaking.

Title
Printmaking Aesthetics and Personal Direction

Tags
54744, 2

Learning Outcome
Students will demonstrate an increased sensitivity to the aesthetics of printmaking and develop a personal direction in their work.

ART 352 - Advanced Printmaking: Screenprinting & Riso

Course Information

Course Number
352

Teaching Area
ART

Course Title
Advanced Printmaking: Screenprinting & Riso

Course Description
Introduces advanced knowledge and techniques of screenprint and risograph printmaking beyond Printmaking Fundamentals.

Department
Art

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- ART 225 - Printmaking Fundamentals

Fee
25

Learning Outcomes

Title
Advanced Screenprint and Risograph Skills

Learning Outcome
Students will develop advanced screenprint and risograph skills

Title
History, Theory, and Process

Learning Outcome
Students will expand their knowledge of the history, theories and processes of screenprint and risograph printmaking.

Title
Aesthetic Development

Learning Outcome
Students will use the aesthetics and techniques of screenprint and risograph to create a body of individually directed work.

ART 353 - Time-Based Art

Course Information

Teaching Area (new)
ART

Course Number
353

Teaching Area
ART

Course Title
Time-Based Art

Course Description
Exploring sound-based, video and performance art practices.

Department
Art

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 210 - New Genres and Interdisciplinary Projects

Learning Outcomes

Title
Digital Art History and Practices

Tags
54224, 0

Learning Outcome
Students will develop a working knowledge of digital art practices, including an understanding of the theoretical implications of art in a digital age.

Title
Skills

Tags
54435, 3

Learning Outcome
Students will develop the skills and resources necessary to realize a wide variety of digitally-based projects.

Title
Project

Tags
54509, 2

Learning Outcome
Students will produce a body of work demonstrating a comprehension and engagement with the themes and concepts explored in class.

Title
Development of Digital Art Practices

Tags
54561, 2

Learning Outcome
Students will develop the skills and resources necessary to realize a wide variety of digitally-based projects.

Title
General Practices

Tags
54579, 1

Learning Outcome
Students will develop a working knowledge of digital art practices, including an understanding of the theoretical implications of art in a digital age.

Title
Production

Tags
54590, 1

Learning Outcome
Students will produce a body of work demonstrating a comprehension and engagement with the themes and concepts explored in class.

ART 355 - Interdisciplinary Projects

Course Information

Teaching Area (new)
ART

Course Number
355

Teaching Area
ART

Course Title
Interdisciplinary Projects

Course Description
Research-driven, interdisciplinary art projects covering relational aesthetics, social practice, and spatial thinking. Course designed to encourage innovation, interaction, and collaboration, expanding students' engagement with art and taking it beyond the private studio.

Department
Art

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ART 210 - New Genres and Interdisciplinary Projects

ART 356R - Figure Sculpture

Course Information

Teaching Area (new)
ART

Course Number
356R

Teaching Area
ART

Course Title
Figure Sculpture

Course Description
Modeling the human figure in clay.

Department
Art

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ART 217 - Sculpture Fundamentals

Note
Fee.

Learning Outcomes

Title
Sculptural Skills

Tags
186021, 1

Learning Outcome
Students will demonstrate basic sculptural skills in rendering the human form

Title
Aesthetic

Tags
186023, 2

Learning Outcome
Students will demonstrate basic aesthetic understanding and sensibility in their practice

Title
Personal Vision

Tags
186025, 3

Learning Outcome
Students will demonstrate that they are forming a personal artistic vision

ART 357 - Digital 3D: Sculpture with Digital Tools

Course Information

Teaching Area (new)
ART

Course Number
357

Teaching Area
ART

Course Title
Digital 3D: Sculpture with Digital Tools

Course Description
Introduction to using digital tools to create sculpture. Explores the material, formal, and conceptual potential of sculpture using new technologies.

Department
Art

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 133 - Introduction to Art: 3D
  AND ART 216 - Ceramics Fundamentals
  AND ART 217 - Sculpture Fundamentals

ART 358 - Sculpture

Course Information

Teaching Area (new)
ART

Course Number
358

Teaching Area
ART

Course Title
Sculpture

Course Description
Traditional and nontraditional approaches to sculpture.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 217 - Sculpture Fundamentals

Note
Fee.

Learning Outcomes

Title
Spirituality and Ethics

Tags
54198, 3

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to 3 dimensional art and their own work.

Title
Historic and Contemporary Sculpture

Tags
54350, 1

Learning Outcome
Students will examine the place of sculpture both historically and in our contemporary culture and locate themselves within this larger context.

Title
Museum and Gallery Practices

Tags
54459, 4

Learning Outcome
Students will gain an awareness of museum and gallery practices and of professional opportunities within sculpture and 3D art.

Title
Fundamental Sculptural Skills

Tags
54493, 2

Learning Outcome
Students will expound upon their fundamental knowledge and skills and will develop towards proficiency in sculpture, 3D media, and new genres.

ART 359R - Ceramics

Course Information

Teaching Area (new)
ART

Course Number
359R

Teaching Area
ART

Course Title
Ceramics

Course Description
Designing, throwing, hand forming, decorating, glazing, and firing techniques.

Department
Art

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 216 - Ceramics Fundamentals

Fee
35

Note
Fee.

Learning Outcomes

Title
Independent Voice

Tags
186017, 2

Learning Outcome
Students will begin to develop an independent voice in their relationship with ceramic methods and forms.

Title
Directed Art Practice

Tags
186018, 3

Learning Outcome
Students will produce a body of work with the following criteria:

All aspects of the work must be addressed. (No loose ends).
The work will be archival within its intended context.
The work will be intellectually challenging and contribute to any genre it borrows from.

Title
Skill Development

Tags
186019, 4

Learning Outcome
Students will learn the essential skills involved with building, joining, drying, glazing and firing ceramic art.

Title
Context

Tags
186020, 1

Learning Outcome
Student work will be contextualized within contemporary thought and practice.

ART 360 - Advanced Photography

Course Information

Teaching Area (new)
ART

Course Number
360

Teaching Area
ART

Course Title
Advanced Photography

Course Description
Exploration of contemporary art photography designed to help familiarize students with current themes and movements within the medium. Students will engage in a variety of approaches to photography, while incorporating a conceptual framework in their exploration.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 260 - Photography Fundamentals

Learning Outcomes

Title
Specialization and Proficiency

Tags
186043, 1

Learning Outcome
Students will strengthen skills and proficiency in photography.

Title
Photography in Contemporary Art

Tags
186044, 2

Learning Outcome
Students will further develop their understanding of contemporary art photography including an in-depth knowledge of prominent artists, key concepts, and movements related to the medium.

Title
Personal Art Development

Tags
186045, 3

Learning Outcome
Students will expand their art making by engaging in a variety of approaches to photography, while incorporating a conceptual framework in their exploration.

ART 394R - Special Problems in Art

Course Information

Teaching Area (new)
ART

Course Number
394R

Teaching Area
ART

Course Title
Special Problems in Art

Department
Art

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

ART 395R - Studio Seminar

Course Information

Teaching Area (new)
ART

Course Number
395R

Teaching Area
ART

Course Title
Studio Seminar

Course Description
Selected contemporary issues involving visiting artists, guest lecturers, video documentaries, discussions, and program information.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ART 226 - Approaches to Artmaking

Learning Outcomes

Title
Current Trends

Tags
186013, 1

Learning Outcome
Students will strengthen their awareness of contemporary art at a local, regional, national, and international level through lectures and discussions.

Title
Personal Perspective

Tags
186014, 2

Learning Outcome
Students will expand and develop their perspectives on art and aesthetics, and strengthen their own commitments and ideas related to art. Students will broaden their understanding of art and the context in which it exists.

Title
Career Development

Tags
186015, 3

Learning Outcome
Students will gain a greater awareness of the variety of studio practices and art related opportunities available upon graduation.

ART 480R - Advanced Studio

Course Information

Teaching Area (new)
ART

Course Number
480R

Teaching Area
ART

Course Title
Advanced Studio

Course Description
Individual development of art issues in advanced studio environment. Writing a proposal accompanied by a readings list.

Department
Art

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
At least two 300-level art studio courses, one of which is in the area of the proposed project.

Learning Outcomes

Title
Self-Directed Research

Tags
186037, 1

Learning Outcome
Students will examine art past and present through self-directed research and critical dialogue, and form a personal awareness of their place as artists within this larger context.

Title
Self-Directed Work

Tags
186038, 2

Learning Outcome
Students will create work and develop their art and ideas through readings, research, critical discourse, and hard work.

Title
Spirituality and Ethics in Art

Tags
186039, 3

Learning Outcome
Students will critically examine spiritual values and ethical issues relevant to art

ART 490 - BA Exit Portfolio

Course Information

Teaching Area (new)
ART

Course Number
490

Teaching Area
ART

Course Title
BA Exit Portfolio

Course Description
Preparation and submission of all required materials for BA exit portfolio. Preparation for continued art practice after graduation.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Art major status.

Learning Outcomes

Title
Selection and Organization

Tags
54218, 0

Learning Outcome
Students will collect artifacts from their course work and campus experience and create a digital portfolio

Title
Assessment

Tags
54226, 1

Learning Outcome
Students will develop an ability to assess their portfolio both in form of over-all presentation and in content and meaning.

ART 496R - Academic Internship: Professional Internship

Course Information

Teaching Area (new)
ART

Course Number
496R

Teaching Area
ART

Course Title
Academic Internship: Professional Internship

Department
Art

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Art major status.

Note
An APPROVED Internship Application is required before adding.

ART 497 - BFA Final Project and Exit Portfolio

Course Information

Teaching Area (new)
ART

Course Number
497

Teaching Area
ART

Course Title
BFA Final Project and Exit Portfolio

Course Description
Final exhibition and project report; completed travel requirement account; submit all required materials for BFA exit portfolio.

Department
Art

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Studio BFA major status.

Learning Outcomes

Title
Final Exhibition

Tags
54165, 2

Learning Outcome
Students will complete and install exhibition of final project.

Title
Materials Preparation

Tags
54222, 1

Learning Outcome
Students will prepare all required materials for final exhibition, including written documents, artwork, and any framing, hanging, and/or installation materials needed for final exhibition.

Title
Exit Interview

Tags
54327, 3

Learning Outcome
Students will complete exit interview with advisory committee.

Title
Exit Portfolio

Tags
54563, 4

Learning Outcome
Students will prepare and submit all required materials for exit portfolio.

ARTED 276 - Introduction to K-12 Art and Design Education

Course Information

Teaching Area (new)
ARTED

Course Number
276

Teaching Area
ARTED

Course Title
Introduction to K-12 Art and Design Education

Course Description
Art and design methods with field-based teaching experience intended to help prospective teachers understand the demands and opportunities associated with teaching K-12 students in a variety of educational contexts.

Department
Art

When Taught
Fall; Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
FBI fingerprinting and background clearance. Art major status, pre-art education major/minor status; Design or Media Arts Studies major status.

Learning Outcomes

Title
Analyze Teaching and Learning in Context

Tags
54084, 3

Learning Outcome
Evaluate a variety of learning styles and how those relate to your own curricular understandings and the observations obtained in school sites. Video record one lesson to view and analyze and review with peers. Conduct an interview with a child regarding their perceptions of art and create a summary analysis of the data collected. Analyze case study incidences regarding the moral dimensions of teaching.

Title
Professional Organization Participation

Tags
54102, 0

Learning Outcome
Join the National Art Education Association as a student member. Participate as an active and contributing member of the BYU NAEA Student Chapter. Participate in local and regional organizations and structures, such as SWAP, Evening for Educators, Utah Art Education Association, museum and community art education events and activities.

Title
Observe & Analyze Diverse Teaching Sites

Tags
54184, 1

Learning Outcome
Participate in a visit to a charter school, a school for children with physical and mental challenges, and an alternative school. Participate in visits to schools (elementary specialist, middle level, high school, and 2 schools of the student's choice), prepare observations in each setting, teach an art lesson at assigned settings, conduct peer evaluations, and complete journal entries with reflective entries.

Title
Construct Relevant Curricular Materials

Tags
54362, 2

Learning Outcome
Create an instructional resource file. Create a presentation on an art education method and create a guide sheet. Create school newsletter, bulletin board display and an instructional resource aid. Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory.

Title
K-12 Education Admission

Tags
54598, 4

Learning Outcome
Complete admission requirements to be admitted into the K-12 education program.

ARTED 326 - Art for Elementary Teachers

Course Information

Teaching Area (new)
ARTED

Course Number
326

Teaching Area
ARTED

Course Title
Art for Elementary Teachers

Course Description
Preservice preparation designed to help art educators and elementary classroom teachers understand the visual arts and develop skills necessary for implementing an arts integrated approach for art education.

Department
Art

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Artistic Literacy: The Spiritual Dimensions of Art

Tags
65554, 3

Learning Outcome
Students will explore the complexity of human perception and expression in the visual arts and experience the redemptive power and profound humanizing growth that accompanies engagement with art. They will have significant aesthetic experiences that will change they way they see the world and transform their teaching.

Title
Art and Teaching: Curriculum

Tags
65555, 4

Learning Outcome
Art Curricula: Students will design elementary arts integrated curricula that is sensitive to diverse cultures and special needs children that are developmentally appropriate for the elementary age child. They will gain an understanding of the development and artistic potential of children and will gain competencies in effective teaching methods that integrate the visual arts using a variety of different artistic methods and media.

Title
Art and Teaching: Advocacy

Tags
65556, 5

Learning Outcome
Students will articulate why art education is important through clear and concise writing. They will recognize the need to teach art to children and realize they do not need to be master artists to provide students with the opportunities and direction they need to create art.

Title
Artistic Literacy: Viewing Artworks

Tags
138003, 2

Learning Outcome
Through their study, description, interpretation, and aesthetic evaluations of artwork, students will develop skills in critical analysis, aesthetic judgment, and an appreciation of the importance of historical and cultural context in studying art. Students will become acquainted with a variety of representative works in at least one art form, demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art, and develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions.

Title
Artistic Literacy: Making Artworks

Tags
138004, 1

Learning Outcome
Grounded in an understanding of its underlying principles of the visual arts, students will become direct participants and makers of art. Students will gain artistic confidence grounded in their own experiences working in artistic media. Students will demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression and develop increased creative imagination and independent thought by directly engaging with the art form as a performer or maker.

Title
Visual Arts Resources

Tags
138005, 6

Learning Outcome
Students will use available arts resources, including art museums as a part of their curriculum and teaching. They will be inspired to deepen their artistic knowledge and skills and continue to study art throughout their lives.

ARTED 339 - Computer Application in Art Education

Course Information

Teaching Area (new)
ARTED

Course Number
339

Teaching Area
ARTED

Course Title
Computer Application in Art Education

Course Description
Basic program applications for developing instructional materials in art education.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTED 276 - Introduction to K-12 Art and Design Education

Learning Outcomes

Title
New Media and Technology

Tags
54139, 0

Learning Outcome
Investigate artists and educators who utilize new media and technology in their practices.

Title
New and Social Media Use

Tags
54178, 0

Learning Outcome
Utilize new and social media in your own artistic creation.

Title
Course Design

Tags
54277, 4

Learning Outcome
Design professional and elegant course materials and learning opportunities after reviewing a variety of open source and commercial software options.

Title
Curriculum Planning with New and Social Media

Tags
54638, 0

Learning Outcome
Construct curricular plans to use new and social media in pedagogical sites (classrooms, online learning, communities beyond the schoolroom, etc).

ARTED 378 - K-12 Classroom Management, 3D Methods, and Community Arts Practicum

Course Information

Teaching Area (new)
ARTED

Course Number
378

Teaching Area
ARTED

Course Title
K-12 Classroom Management, 3D Methods, and Community Arts Practicum

Course Description
K-12 classroom management, teaching, and 3D ceramics methods within a variety of contexts, including museums, community arts sites, after school programs, and summer art workshops. This course includes 20 K-12 practicum hours that take place outside of class time.

Department
Art

When Taught
Winter; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTED 276 - Introduction to K-12 Art and Design Education

Fee
35

Learning Outcomes

Title
Classroom Management

Tags
54234, 3

Learning Outcome
Investigate and implement a variety of classroom management practices particular to art education classes in schools (art supply management, art classroom safety and legal considerations will be included.)

Title
National, State, and Local Requirements

Tags
54403, 2

Learning Outcome
Consider the National Standards in Art Education and state and local core requirements in art as foundations for research content, instructional design, production and presentation.

Title
Curriculum Planning

Tags
54437, 4

Learning Outcome
Create curricula and documents such as the two lesson plans for teaching in schools, Classroom Management Handbook and the TWS contextual factors, Professional Portfolio with Vitae and Rationale for teaching art to use for implementation in student teaching and lifelong education service.

Title
Teacher Observations

Tags
54504, 0

Learning Outcome
Experience observing and teaching in elementary and secondary school settings prior to the student teaching semester.

Title
Student Teacher Preparation

Tags
54621, 1

Learning Outcome
Participate in BYU McKay School of Ed Secondary Education transition and student teacher preparation by using INTASC standards, PIBS self-assessment and LiveTEXT enrollment.

Title
Diversity in Learning Environments

Tags
54667, 5

Learning Outcome
Respect diversity in the schools and value the establishment of learning environments where future artstudents can actively learn and create to their fullest potential.

ARTED 380 - Museum Art Education

Course Information

Teaching Area (new)
ARTED

Course Number
380

Teaching Area
ARTED

Course Title
Museum Art Education

Course Description
The museum as a learning environment; current exhibitions; learning and teaching strategies for collaboration with museum and classroom educator.

Department
Art

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ArtHC 111 or 201; ArtHC 202 or Hum 201 or 202.

ARTED 397 - Issues in Contemporary Art, Aesthetics, and Criticism

Course Information

Teaching Area (new)
ARTED

Course Number
397

Teaching Area
ARTED

Course Title
Issues in Contemporary Art, Aesthetics, and Criticism

Course Description
Overview of issues in contemporary art, aesthetics, and art criticism.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Contemporary Art Critique and Writing

Tags
54400, 4

Learning Outcome
Students will learn about the works of many contemporary artists, write critical responses to a number of artworks, share responses with fellow students, and discuss and defend their written work. They will develop critical thinking and writing skills, including description, analysis, interpretation, and explication of form, meaning, and value with respect to works of art.

Title
Spirituality

Tags
137508, 0

Learning Outcome
Students will gain a deep appreciation for power of the visual arts, including contemporary art, to evoke understanding and compassion. They will be inspired as they increase their understanding of the spiritual dimensions of art.
Critically reflect on the student's own creative works in relation to various researched audiences, publics and discourses, balancing the interrelationships among the individual, others, and Deity. They will gain insight into how to judge artwork in the context of gospel principles and develop inner richness, a sanctuary of the mind, and spiritual insight.

Title
Literacy

Tags
137509, 0

Learning Outcome
Investigate a variety of practices and methodologies used by contemporary artists, pedagogues, and critics to discover multiple meanings, and to interpret, critically appreciate, and respond to works of contemporary art. They will gain an appreciation of the importance of historical and cultural contexts of art.

Title
Lively Engagement

Tags
137510, 3

Learning Outcome
Students will expand their knowledge of contemporary artists, write critical responses to a number of artworks, share responses with fellow students, and discuss and defend their written work. They will develop critical thinking and writing skills, including description, analysis, interpretation, and explication of form, meaning, and value with respect to works of art.
The student will apply contemporary practices and conversations to the student's own artistic investigations, engagements, and works in a sophisticated and professional manner, in relation to various discourses and feedback (from the teacher, literature, classmates' interpretations, etc).

Title
Personal Appreciation Aesthetics and Artistic Practice

Tags
137512, 3

Learning Outcome
Both students and instructor will broaden their personal aesthetic perspectives and develop a deep appreciation of the myriad aspects of contemporary art. Students will gain artistic confidence that is grounded in their own experience working in artistic media.

ARTED 450 - Advanced Secondary Studio Teaching Methods for Art Educators

Course Information

Teaching Area (new)
ARTED

Course Number
450

Teaching Area
ARTED

Course Title
Advanced Secondary Studio Teaching Methods for Art Educators

Course Description
Advanced exploration of media, methods, and pedagogical practices for secondary art classrooms with an emphasis on painting. Includes both art making and curriculum design in preparation for student teaching.

Department
Art

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTED 276 - Introduction to K-12 Art and Design Education

Learning Outcomes

Title
Curricula and Artistry in the context of Contemporary Art

Tags
104795, 3

Learning Outcome
Students will become familiar with a few influential contemporary artists and determine how these artists might inform their own artistry and teaching practice.

Title
Studio Practice and Art Education

Tags
104801, 4

Learning Outcome
Each student will gain greater confidence in their own artistic voice and how their personal artistry can inform their teaching and stimulate the learning of their students. They will gain experience in mediums they are not familiar with that might be required in schools or that might inform their own teaching practice.

Title
Educator Preparation Program Outcomes

Tags
104802, 5

Learning Outcome
Students will fulfill licensure requirements for secondary methods of art education. This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB/801-422-3426) can answer questions you have about the licensure requirements for your teaching major or minor.

Title
Teaching in a Variety of Contexts

Tags
104803, 6

Learning Outcome
Students will demonstrate sound teaching practices in various contexts.

Title
Curriculum Design, Standards, and Current Practices in Art Education

Tags
104805, 1

Learning Outcome
Students will become familiar with current issues in art education including educational standards and make decisions about how their own curriculum and teaching will work within the constraints of standards, current practices and social issues. Students will apply their study and experiences in the course to constructing art curricula that reflect current theory and practice in the field and the requirements of the Teaching Work Sample.

Title
Spiritual Dimensions of Art and Education

Tags
185991, 1

Learning Outcome
Students will gain insight into the spiritual dimension of the artist and teacher.

ARTED 476R - Art Secondary and Elementary Student Teaching

Course Information

Teaching Area (new)
ARTED

Course Number
476R

Teaching Area
ARTED

Course Title
Art Secondary and Elementary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching elementary and secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
EPP Requirements

Tags
186059, 1

Learning Outcome
Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education and the Utah State Office of Education including the PRAXIS Test for Art.

Title
Mentoring Teacher

Tags
186060, 2

Learning Outcome
Meet the expectations of the co-operating teacher and administration of the sponsoring school.

Title
Standards

Tags
186061, 3

Learning Outcome
Become familiar with and apply National Core Standards for Visual Arts Education and the Utah Effective Teaching standards to planning and teaching.

Title
Professionalism

Tags
186062, 4

Learning Outcome
Exhibit professionalism in each school setting and the seminar by being consistently punctual and prepared for each assigned day of commitment.

Title
Teacher Work Sample Professional Portfolio

Tags
186063, 5

Learning Outcome
Complete the Teacher Work Sample in (TWS)--exemplary in content and presentation, proofread, on time. Submit TWS on My Link. Complete Professional Teaching Portfolio

Title
Communities of Practice

Tags
186064, 6

Learning Outcome
Continue to be engaged with professional literature and participate in professional organizations.

ARTED 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
ARTED

Course Number
477R

Teaching Area
ARTED

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Art

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

ARTED 478 - Art Curriculum Assessment and Methods for K-12 Educators

Course Information

Teaching Area (new)
ARTED

Course Number
478

Teaching Area
ARTED

Course Title
Art Curriculum Assessment and Methods for K-12 Educators

Course Description
Art and design curriculum development and assessment methods for K-12 educators.

Department
Art

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTED 276 - Introduction to K-12 Art and Design Education

Other Prerequisites
a minimum C+ grade in ARTED 378 and 397.

Learning Outcomes

Title
Social Justice and Ecological Beliefs

Tags
54119, 0

Learning Outcome
Scrutinize personal beliefs and practices regarding social justice and ecological concerns in art education in relation to one's mentors and peers.

Title
Educator Preparation Program Outcomes

Tags
54152, 6

Learning Outcome
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB/801-422-3426) can answer questions you have about the licensure requirements for your teaching major or minor. This includes becoming familiar with the UETS and TWS so as to be able to pass with at least a basic competency level in each criteria.

Title
Self-Evaluation

Tags
54213, 5

Learning Outcome
Self-evaluate behavior, in relation to art education faculty observations, using the Professional Disposition Instrument (PDI) and Professional and Interpersonal Behavior Rating Scale (PIBS).

Title
Curriculum and Personal Beliefs and Practices

Tags
54439, 0

Learning Outcome
Analyze how these personal beliefs and practices relate to conceptualizations in contemporary curriculum discourse.

Title
Curriculum Planning

Tags
54464, 0

Learning Outcome
Construct curricular materials and resources that reflect contemporary practice among artists, researchers, teacher, and learners.

Title
Curriculum Theory and Practice

Tags
54591, 0

Learning Outcome
Investigate and respond to historic and contemporary definitions, theories, and practices of curriculum through reading, reflection, discussion, and development.

ARTED 496R - Academic Internship: Secondary Education

Course Information

Teaching Area (new)
ARTED

Course Number
496R

Teaching Area
ARTED

Course Title
Academic Internship: Secondary Education

Course Description
Capstone, field-based, year-long experience in teaching elementary or secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Art

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
EPP Requirements

Tags
186065, 1

Learning Outcome
Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education and the Utah State Office of Education including the PRAXIS Test for Art.

Title
Mentoring Teacher

Tags
186066, 2

Learning Outcome
Meet the expectations of the co-operating teacher and administration of the sponsoring school.

Title
Standards

Tags
186067, 3

Learning Outcome
ecome familiar with and apply National Core Standards for Visual Arts Education and the Utah Effective Teaching standards to planning and teaching.

Title
Professionalism

Tags
186068, 4

Learning Outcome
Exhibit professionalism in each school setting and the seminar by being consistently punctual and prepared for each assigned day of commitment.

Title
Teacher Work Sample

Tags
186069, 5

Learning Outcome
Complete the Teacher Work Sample in (TWS)--exemplary in content and presentation, proofread, on time. Submit TWS on My Link.

Title
Communities of Practice

Tags
186070, 6

Learning Outcome
Continue to be engaged with professional literature and participate in professional organizations.

ARTED 578R - Art Education Studio

Course Information

Teaching Area (new)
ARTED

Course Number
578R

Teaching Area
ARTED

Course Title
Art Education Studio

Course Description
MA courses in ceramics, drawing, figure drawing, oil painting, aqueous painting, printmaking, crafts, sculpture, digital art, and conceptual art media.

Department
Art

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Graduate student status.

Learning Outcomes

Title
Studio Practice

Tags
186052, 1

Learning Outcome
Students will gain greater confidence in their own artistic voice and how their personal artistry connects to their work as educators.

Title
Studio Practice and Teaching

Tags
186053, 3

Learning Outcome
Students will connect their studio practice to teaching and to the studio design of art education curricula.

Title
IRB

Tags
186054, 4

Learning Outcome
Students will undertstand the ethical standards for research, pass the CITI Institutional Review Board Traning, and determine whether their study requires IRB approval.

Title
Research Methodology

Tags
186055, 2

Learning Outcome
Through the readings and class discussions, each student will gain a clearer idea of their personal research topic appropriate methodology, and the contexts that surround their research interests.

ARTHC 111 - Introduction to Art History

Course Information

Teaching Area (new)
ARTHC

Course Number
111

Teaching Area
ARTHC

Course Title
Introduction to Art History

Course Description
Topical approach to art history and appreciation.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Discuss Style, Cultural Context, and Meaning

Tags
54207, 0

Learning Outcome
Students will be able to discuss--verbally and in writing--the style, cultural context, and meaning of key works of art.

Title
Connoisseurship

Tags
54240, 2

Learning Outcome
Students will develop connoisseurship, the ability to identify the stylistic influences of a work of art or architecture.

Title
Familiarity with Periods and Cultures of Western Art

Tags
54478, 1

Learning Outcome
Students will become familiar with the periods and cultures of Western art from Prehistory through the present day.

ARTHC 201 - World Civilization to 1500

Course Information

Teaching Area (new)
ARTHC

Course Number
201

Teaching Area
ARTHC

Course Title
World Civilization to 1500

Course Description
Survey of Western civilization emphasizing the visual arts from ancient Greece to the Gothic period.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Art Discussion

Tags
54288, 1

Learning Outcome
Students will be able to discuss--verbally and in writing--the style, cultural context, and meaning of key works of art.

Title
Western Art: Prehistory to Medieval

Tags
54719, 1

Learning Outcome
Students will become familiar with the periods and cultures of Western art from Prehistory through Medieval Europe.

Title
Stylistic Influences in Art and Architecture

Tags
170270, 2

Learning Outcome
Students will develop connoisseurship, the ability to identify the stylistic influences of a work of art or architecture.

ARTHC 202 - World Civilization Since 1500

Course Information

Teaching Area (new)
ARTHC

Course Number
202

Teaching Area
ARTHC

Course Title
World Civilization Since 1500

Course Description
Survey of Western civilization emphasizing the visual arts from the Renaissance to the twentieth century.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Western Art: Renaissance to Present

Tags
54097, 1

Learning Outcome
Students will survey the terrain of western (primarily European) culture from the beginnings of the Renaissance to the present. A particular emphasis will be placed upon the visual arts as objects that are influenced by cultural values and conventions, and as forces which generate or determine future cultural practice.

Title
Cultural Traditions in the Modern World

Tags
54625, 1

Learning Outcome
Students will become familiar with a broad array of the literary, philosophical, religious and aesthetic traditions that have informed the modern world.

Title
Intellectual Periods and Movements

Tags
54659, 2

Learning Outcome
Students will aquire a big-picture knowledge of intellectual periods and movements that will inform their future encounters with literature, art, architecture and all other manifestations of creative expression.

ARTHC 203 - Survey of Asian Art and Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
203

Teaching Area
ARTHC

Course Title
Survey of Asian Art and Architecture

Course Description
Art and architecture of China, Korea, Japan, and Southeast Asia, considering social, religious, and environmental context of various cultures.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application

Tags
191189, 1

Learning Outcome
Students will gain a deep understanding of Asian art and architechture.

ARTHC 211 - Survey of Western Art 1

Course Information

Teaching Area (new)
ARTHC

Course Number
211

Teaching Area
ARTHC

Course Title
Survey of Western Art 1

Course Description
Art and architecture of the Western world from primitive through medieval.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
190936, 1

Learning Outcome
Students will survey topics in Western Art.

ARTHC 212 - Survey of Western Art 2

Course Information

Teaching Area (new)
ARTHC

Course Number
212

Teaching Area
ARTHC

Course Title
Survey of Western Art 2

Course Description
Art and architecture of the Western world from Renaissance to contemporary.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
190937, 1

Learning Outcome
Students will survey topics in Western Art.

ARTHC 300 - Theory, Methodology, and Historiography of Art History

Course Information

Teaching Area (new)
ARTHC

Course Number
300

Teaching Area
ARTHC

Course Title
Theory, Methodology, and Historiography of Art History

Course Description
Historical foundations of the discipline; key theories and approaches informing current art historical practice.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Effective Communication

Tags
54197, 3

Learning Outcome
Students will become capable of refined oral expression and presentational abilities.

Title
Writing About the Arts

Tags
54243, 4

Learning Outcome
Students will master several art historical modes of writing, including abstracts, practicums, and annotated bibliographies.

Title
Art History in Contemporary Society

Tags
54311, 5

Learning Outcome
Students will gain an appreciation for the meaningfulness and relevancy of the discipline of art history in contemporary society.

Title
Critical Thinking

Tags
54319, 2

Learning Outcome
Students will acquire an enhanced ability to think critically about the arts.

Title
Western Art Historiography

Tags
54416, 1

Learning Outcome
Students will become familiar with the historiography of western art history.

Title
Art Theory

Tags
54708, 1

Learning Outcome
Students will become acquainted with the major theoretical approaches used in art history.

ARTHC 301 - Women in Art

Course Information

Teaching Area (new)
ARTHC

Course Number
301

Teaching Area
ARTHC

Course Title
Women in Art

Course Description
History of women artists, critics, and patrons, along with women in representation in Western art. Consideration of theories and methodologies of feminist art history.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Critical Professional Skills in Art History

Tags
199719, 0, 2

Learning Outcome
Students will develop professional skills related to written and oral communication, which includes the cultivation of research competencies and critical thinking tools, as well as relationships with women professionals in the visual arts that facilitates the transition from the university to the workplace. This will be accomplished through course assignments, including reading responses, the research project and presentation, reflective essays, and the LDS women in the arts mentorship program.

Title
Information Literacy: Feminist Art History

Tags
199718, 0, 1

Learning Outcome
Students will acquire a foundation of the key issues, individuals, and institutions and a firm grasp of the central issues and debates related to women in the visual arts, c. 1789 to the present, by means of extensive primary and secondary source readings and class lecture and discussion.

Title
Cultural Navigation: Course Relevancy

Tags
199720, 0, 3

Learning Outcome
Students will strengthen their ability to identify concepts, practices, and patterns in the history of women in art and culture that inform contemporary gender politics and ability to apply these in their various spheres of influences (self, family, church and civic communities), as well as a deepened commitment to the advancement of women in the arts in a variety of settings. This will be fostered in class discussions, reading responses, and reflective writing assignment.

ARTHC 304 - Greek Art

Course Information

Teaching Area (new)
ARTHC

Course Number
304

Teaching Area
ARTHC

Course Title
Greek Art

Course Description
History and appreciation of Greek art, with consideration of formative cultures.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500

Learning Outcomes

Title
Greek History of Art and Architecture

Tags
72693, 1

Learning Outcome
Students will gain a general understanding of the history of Greek art and architecture from its beginnings in the third millennium B.C. through the first century BC. The class will cover the evolution of ideas about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

Title
Observation, Appreciation and Analysis

Tags
199956, 2

Learning Outcome
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

Title
Art Historical Research and Writing

Tags
199957, 3

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Term Paper

Tags
199958, 4

Learning Outcome
Students will gain experience and skill in art historical research and writing.

ARTHC 306 - Roman Art

Course Information

Teaching Area (new)
ARTHC

Course Number
306

Teaching Area
ARTHC

Course Title
Roman Art

Course Description
Art and architecture of the Etruscans and Romans.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500

Learning Outcomes

Title
Observation, Appreciation, and Analysis

Tags
54314, 1

Learning Outcome
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

Title
Art Historical Research and Writing

Tags
54449, 2

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Term Paper

Tags
54467, 3

Learning Outcome
Students will acquire deeper knowledge of specific topics in Roman art and architecture through research and writing a term paper.

Title
General Understanding of History

Tags
54549, 1

Learning Outcome
Students will gain a general understanding of the history of Roman art and architecture from its beginnings in the early part of the first millennium BC through the collapse of the Roman Empire in AD 476. The class will cover the evolution of ideas about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

ARTHC 310 - Early Christian and Byzantine Art

Course Information

Teaching Area (new)
ARTHC

Course Number
310

Teaching Area
ARTHC

Course Title
Early Christian and Byzantine Art

Course Description
Survey of Christian art in the Roman and Byzantine Empire from ca. 200 to 1453.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500

Learning Outcomes

Title
Art and Architecture

Tags
54258, 1

Learning Outcome
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

Title
Term Paper

Tags
54293, 3

Learning Outcome
Students will acquire deeper knowledge of specific topics in Early Christian and Byzantine art and architecture through research and writing a term paper.

Title
Historical Research and Writing

Tags
54363, 2

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Understanding of History

Tags
54499, 1

Learning Outcome
Students will gain a general understanding of the history of Early Christian and Byzantine art and architecture from its beginnings in the third century through the collapse of the Byzantine Empire in 1453. The class will cover the evolution of ideas about art and architecture, the use of art as an expression of religious, political and social ideas, the advances in technology that made new forms possible, and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

ARTHC 316 - Art of the Medieval West

Course Information

Teaching Area (new)
ARTHC

Course Number
316

Teaching Area
ARTHC

Course Title
Art of the Medieval West

Course Description
Art in western Europe from 400 AD to 1400.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500

Learning Outcomes

Title
Art Historical Research and Writing

Tags
54110, 2

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Art Appreciation and Analysis

Tags
54220, 1

Learning Outcome
Students will develop abilities to observe, appreciate, and analyze aspects of art and architecture as cultural artifacts, including style, function, structure, historical influences, symbolism, and unity of expression.

Title
Research and Writing

Tags
54488, 3

Learning Outcome
Students will acquire deeper knowledge of specific topics in the art of the medieval West art and architecture through research and writing a term paper.

Title
Art of the Medieval West: 400 to 1500

Tags
138761, 1

Learning Outcome
Students will gain a general understanding of the history of medieval western Europe from the fifth century through the fifteenth. The class will cover the evolution of ideas about art and architecture; the use of art as an expression of religious, political, and social ideologies; the advances in technology that made new forms possible; and key monuments. Students will demonstrate their understanding of these ideas through class discussion, examinations, and research papers.

ARTHC 320 - Italian Renaissance

Course Information

Teaching Area (new)
ARTHC

Course Number
320

Teaching Area
ARTHC

Course Title
Italian Renaissance

Course Description
Art and architecture in Italy from 1200 to 1580.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Research and Writing

Tags
54602, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in Italy during the Renaissance period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Italian Renaissance Art: 1300 to 1600

Tags
200214, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of Italian art from ca. 1300 to ca. 1600. They will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Italy during the Renaissance era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on Italian Renaissance art.

ARTHC 325 - Northern Renaissance Art

Course Information

Teaching Area (new)
ARTHC

Course Number
325

Teaching Area
ARTHC

Course Title
Northern Renaissance Art

Course Description
Fifteenth- and sixteenth-century art in northern Europe.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Art Research and Writing Skills

Tags
54421, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the north of Europe during the Renaissance period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Northern Renaissance Art: 1400 to 1600

Tags
200215, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art of northern European art from ca. 1400 to 1600. They will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in the Low Countries, France, and Germany during the Renaissance era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on northern Renaissance art.

ARTHC 329 - Renaissance and Baroque Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
329

Teaching Area
ARTHC

Course Title
Renaissance and Baroque Architecture

Course Description
History of architecture in Italy, Spain, France, Germany, Austria, and England, 1400?1700.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Research Skills

Tags
54457, 0

Learning Outcome
Students will improve research, writing and analytical skills in architectural history.

Title
Scope

Tags
54551, 0

Learning Outcome
Students will acquire a basic understanding of the development of Renaissance and Baroque architecture in Western Europe.

Title
Original Research

Tags
54573, 0

Learning Outcome
@font-face { font-family: "Times";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

Title
Architects

Tags
54690, 0

Learning Outcome
@font-face { font-family: "Times";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will become familiar with the contributions of individual architects of the period.

ARTHC 330 - Southern Baroque Art History: 1600-1700

Course Information

Teaching Area (new)
ARTHC

Course Number
330

Teaching Area
ARTHC

Course Title
Southern Baroque Art History: 1600-1700

Course Description
History of baroque painting, sculpture, and architecture in Italy, Spain, and France.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Art Research and Writing

Tags
199959, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the south of Europe during the Baroque period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Southern European History: 1600 to 1700

Tags
200192, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art of southern Europe from ca. 1600 to ca. 1700. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Italy, Spain, and France during the Baroque era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on southern Baroque art.

ARTHC 335 - Northern European Art: 1600-1700

Course Information

Teaching Area (new)
ARTHC

Course Number
335

Teaching Area
ARTHC

Course Title
Northern European Art: 1600-1700

Course Description
This course examines Northern European Art from 1600 to 1700.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Northern European History: 1600 to 1700

Tags
199960, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art of northern Europe from ca. 1600 to ca. 1700. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists working in Flanders and the Dutch Republic during the Baroque era. Students will become conversant with select works of art in terms of style, patronage, reception, and meaning. They will also be able to evaluate the effects of cultural, political, economic, religious, and social factors on northern Baroque art.

Title
Art Research and Writing

Tags
199961, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in the north of Europe during the Baroque period. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

ARTHC 337 - Eighteenth-Century European Art and Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
337

Teaching Area
ARTHC

Course Title
Eighteenth-Century European Art and Architecture

Course Description
An advanced survey of the culture and context of the production of art, architecture, and garden design in the European 18th century.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Movements

Tags
54125, 0

Learning Outcome
Students will be able to articulate the characteristics of the styles, processes, and ideologies and philosophies of key artists and movements, including Late Baroque, Neo-Palladianism, Rococo, Enlightenment and moralizing themes, and the naturalism that predicts the beginnings of Romanticism and Neoclassicism.

Title
Contribution

Tags
54151, 0

Learning Outcome
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Title
Research

Tags
54167, 0

Learning Outcome
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will develop art historical research skills by conducting advanced research focused on a single work of art within eighteenth-century Europe including Britain, France, the Empire, the Low Countries, Spain, Italy, Scandinavia and Russia.

Title
Scope: 1700-1789

Tags
54171, 0

Learning Outcome
1. Students will acquire a solid foundation in the historical context of the art and architecture of Europe from ca. 1700-1789.

Title
Research

Tags
54202, 6

Learning Outcome
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Precedent and Influence

Tags
54668, 0

Learning Outcome
Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

Title
Theory

Tags
54699, 0

Learning Outcome
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will apply methodological approaches acquired in ArtHC 300 to their topic.

ARTHC 340 - Nineteenth-Century European Art

Course Information

Teaching Area (new)
ARTHC

Course Number
340

Teaching Area
ARTHC

Course Title
Nineteenth-Century European Art

Course Description
Nineteenth-century art in Europe.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
European History: 1780 to 1900

Tags
199962, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art of Europe from c.1780 until 1900. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Neoclassicism, Romanticism, Realism, Impressionism and Post-Impressionism, Symbolism, and other modernist movements in France, Italy, Britain, Switzerland, Austria, and Germany. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

Title
Art Research and Writing

Tags
199963, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art within long nineteenth century. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

ARTHC 345 - American Art to 1876

Course Information

Teaching Area (new)
ARTHC

Course Number
345

Teaching Area
ARTHC

Course Title
American Art to 1876

Course Description
This course examines American art and architecture from the Pre-Columbian period to 1876.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Term Paper

Tags
54779, 4

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
American Art History: Prehistoric to 1876

Tags
199763, 3

Learning Outcome
Students will acquire a solid foundation in the historical context of the art and architecture of the United States of America from the prehistoric cultures on the North American Continent (Mississippian, Anasazi . . .) to 1876. Through a socio-historical approach, students will gain an understanding of the ways in which events like the arrival of Columbus, the American Revolution, the expansion of the West, and the Civil War, shaped and were shaped by the visual arts of the new nation. Students will also be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists and movements, including Rococo, Neo-Classicism, and Romanticism as they pertain to American art. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

Title
Art Research and Writing

Tags
199764, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art, artist, or historical concept within this period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

ARTHC 350 - Modern Art

Course Information

Teaching Area (new)
ARTHC

Course Number
350

Teaching Area
ARTHC

Course Title
Modern Art

Course Description
Modern European art and theory, 1900--1945.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Term Paper

Tags
54780, 3

Learning Outcome
Students will gain experience and skill in art historical research and writing.

Title
Art Research and Writing

Tags
199964, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art within the Modern period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Modern European Art & Architecture, 1900 to 1960

Tags
200206, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of European art and architecture from c. 1900 until c. 1960, as well as some introduction to American modernism as influenced by European developments. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Expressionism, Cubism, Dada, Surrealism and other modernist movements in France, Italy, Britain, Russia, the Netherlands, Germany, Switzerland, and East Europe, as well as Abstract Expressionism and the New York School in the United States. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period, as well as see art of the period as building upon its antecedents.

ARTHC 353 - American Art 1876-1950

Course Information

Teaching Area (new)
ARTHC

Course Number
353

Teaching Area
ARTHC

Course Title
American Art 1876-1950

Course Description
Survey of American painting and sculpture from 1876-1950.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
American Art and Architecture: 1876 to 1960

Tags
54617, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art and architecture of the United States of America from 1876 to ca. 1960. Through a socio-historical approach students will gain an understanding of the ways in which events like the growth of American industry and culture, the rise of Socialism and Communism, WWI and American Isolationism, Regionalism, and WWII shaped and were shaped by the visual arts. Students will also be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key artists and movements, including Realism, Aestheticism, Pictorialism, Dada, Regionalism (including the Harlem Renaissance), Abstract Expressionism, and Pop Art as they pertain to American art. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. They will be able to trace the trajectory of future influence of key works of art from this period.

Title
Art Research and Writing

Tags
54697, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art, artist, or historical concept within this period. Students will apply methodological approaches acquired in ArtHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
Original Research

Tags
199765, 1

Learning Outcome
Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

Title
Architects

Tags
199766, 2

Learning Outcome
Students will become familiar with the contributions of individual architects of the period.

Title
Colonial to Civil War

Tags
199767, 3

Learning Outcome
Students will acquire a basic understanding of the development of American architecture from the seventeenth century to the mid-nineteenth century.

Title
Analysis

Tags
199768, 4

Learning Outcome
Students will improve research, writing and analytical skills in architectural history.

ARTHC 355 - Contemporary Art

Course Information

Teaching Area (new)
ARTHC

Course Number
355

Teaching Area
ARTHC

Course Title
Contemporary Art

Course Description
Critical evaluation of trends in art since 1945.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Critical professional skills

Tags
54431, 0, 2

Learning Outcome
Students will develop and refine central skills in the field of contemporary art, including critical thinking, sophisticated research, creative and persuasive arguments and evidence, effective means of argumentation, as well as those necessary to produce professional-level written products and verbal-visual presentations.

Title
Knowledge of ideas, issues, individuals, institutions

Tags
137955, 0, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of post-WWII art and architecture. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Abstract Expressionism, Postwar European Art, Pop Art, Minimalism, Earth Art, Body Art, Neo-Pop, Neo-Expressionism, YBA. They will also be able to discuss major developments associated with pluralism, globalization, and intersectionality in art, with an emphasis on the European and American theaters prior to 1980, and the global theater thereafter. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. Additionally they will be able to see how contemporary art builds upon its antecedents.

Title
Conversancy in theory & criticism

Tags
54489, 0, 1

Learning Outcome
Students will become conversant with the criticism of leading figures in post-WWII art world, and the roles of criticism in the development of the field of contemporary art. They will also develop critical skills necessary to engage in verbal and written discourse vis-a-vis contemporary art in a variety of spaces, including the classroom, museums & galleries, and civic and social spaces.

Title
Course relevancy

Tags
212230, 0, 3

Learning Outcome
Students will be able to discern the relevancies of contemporary art to their personal goals and professional ambitions, as well as to the Aims of a BYU Education (spiritually strenghtening, intellectually enlarging, character building, and commitment to lifelong learning & service) and to their development as disciples of Jesus Christ.

ARTHC 360 - Introduction to Museum and Curatorial Studies

Course Information

Teaching Area (new)
ARTHC

Course Number
360

Teaching Area
ARTHC

Course Title
Introduction to Museum and Curatorial Studies

Course Description
Duties of museum professionals while applying museum theory to the practical development of a museum exhibit.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Museum Professions

Tags
54386, 0

Learning Outcome
Students will engage with museum staff from various areas within the art museum including: curatorial, registration, education, design, fabrication, marketing, security and management.

Title
Exhibition Planning

Tags
54496, 0

Learning Outcome
Students will work as teams to create an exhibition proposal, object list, gallery design, and educational materials.

ARTHC 365 - American Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
365

Teaching Area
ARTHC

Course Title
American Architecture

Course Description
Major figures, monuments, and movements in American architecture from colonial period through "Gilded Age."

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Original Research

Tags
54469, 0

Learning Outcome
Students will acquire a more detailed knowledge of a particular monument and/or architect and/or architectural theory of the period, through the research and writing of a term paper.

Title
Architects

Tags
54475, 0

Learning Outcome
Students will become familiar with the contributions of individual architects of the period.

Title
Colonial to Civil War

Tags
54539, 0

Learning Outcome
Students will acquire a basic understanding of the development of American architecture from the seventeenth century to the mid-nineteenth century.

Title
Analysis

Tags
54687, 0

Learning Outcome
@font-face { font-family: "Times";}@font-face { font-family: "ï¼¡ï¼³æ??æ?✧";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will improve research, writing and analytical skills in architectural history.

ARTHC 367 - Modern Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
367

Teaching Area
ARTHC

Course Title
Modern Architecture

Course Description
Critical review of roots and evolution of modern architecture.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Research and Writing

Tags
54378, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a specific building or complex. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best architectural history publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

Title
World Architecture: 1851 to Present

Tags
54398, 0

Learning Outcome
Students will acquire a solid foundation in the historical context of world architecture from 1851 to the present. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key architects and movements.

ARTHC 375 - Japanese Art and Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
375

Teaching Area
ARTHC

Course Title
Japanese Art and Architecture

Course Description
Japanese art and architecture from its neolithic origins through the dawn of the modern age. Literary, social, and religious contexts considered.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Scope

Tags
54215, 0

Learning Outcome
Students will acquire a basic understanding of the development of Japanese architecture from 1100 AD to the present.

Title
Research project

Tags
54237, 3

Learning Outcome
@font-face { font-family: "Times";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will acquire a more detailed knowledge of a particular work of Japanese art, monument and/or architect and/or architectural theory through the research and writing of a term paper.

Title
Art and Architecture

Tags
54249, 1

Learning Outcome
Students will become familiar with the contributions of individual Japanese artists and architects.

Title
Analysis

Tags
54409, 2

Learning Outcome
@font-face { font-family: "Times";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Students will improve research, writing and analytical skills of Japanese art and architecture.

ARTHC 379 - History of Photography

Course Information

Teaching Area (new)
ARTHC

Course Number
379

Teaching Area
ARTHC

Course Title
History of Photography

Course Description
The general history of the photographic medium from its inception to the present day. The evolution of the medium, its various uses, primary figures, basic technologies, and artistic trends.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Research Skills

Tags
54164, 2

Learning Outcome
Students will develop art historical research skills by conducting advanced research on a single photographer or photograph.

Title
Sources

Tags
54204, 5

Learning Outcome
Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the HBLL Art History and Photography research guides. Students will be required to correctly use style guides.

Title
Scope

Tags
54251, 0

Learning Outcome
Students will acquire a solid foundation in the historical context of the history of photography from the nineteenth-century to the present.

Title
Style

Tags
54320, 1

Learning Outcome
Students will be able to articulate the characteristics of the period styles, processes, techniques, cultural uses and the philiosophies of key photographers in Europe and the Western Hemisphere. Students will become conversant with important photographs and collections in terms of style, patronage, reception, and meaning.

Title
Theory

Tags
54370, 3

Learning Outcome
Students will apply methodological approaches acquired in ArtHC 300 and other methods to their topic.

Title
State of the Research

Tags
54726, 4

Learning Outcome
Students will situate their informed, original ideas within the best publications and reviews of period photography.

ARTHC 380 - Northern Mesoamerican Art

Course Information

Teaching Area (new)
ARTHC

Course Number
380

Teaching Area
ARTHC

Course Title
Northern Mesoamerican Art

Course Description
Survey of art and architecture of Mexico from antiquity to present.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Scholarship

Tags
54094, 1

Learning Outcome
@font-face { font-family: "Arial";}@font-face { font-family: "ï¼ï¼³ æ??æ?◈";}@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 12pt; font-family: Cambria; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }.MsoPapDefault { margin-bottom: 10pt; }div.WordSection1 { page: WordSection1; }Student will become familiar with the key scholars in the field.

Title
Scope

Tags
54725, 0

Learning Outcome
Students will acquire a foundation in Northern Mesoamerican art, culture, production and consumption.

ARTHC 382 - Southern Mesoamerican Art

Course Information

Teaching Area (new)
ARTHC

Course Number
382

Teaching Area
ARTHC

Course Title
Southern Mesoamerican Art

Course Description
Survey of art and architecture of southern Mexico and central America from antiquity to present.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Mexican and Central American Art: Antiquity to Present

Tags
54263, 1

Learning Outcome
Students will acquire a solid foundation in the historical context of the art of southern Mexico and Central America from antiquity to present. Students will be able to articulate the characteristics of the styles, processes, ideologies, and philosophies of key monuments.

Title
Research and Writing

Tags
54321, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on a single work of art produced in southern Mexico and Central America. Students will apply methodological approaches acquired in ARTHC 300 to their topic. Students will situate their informed, original ideas within the best art historical publications on their subject. Students will demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported by the HBLL Art History research guides. Students will apply the formatting of an acceptable style guide with exactness to the completed research paper.

ARTHC 490R - Special Topics and Readings in Art History

Course Information

Teaching Area (new)
ARTHC

Course Number
490R

Teaching Area
ARTHC

Course Title
Special Topics and Readings in Art History

Course Description
Topics of specific student interest, centered on strengths of visiting faculty, BYU Study Abroad Program, or other significant art history projects.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Learning Outcomes

Title
Art in Cultural Context

Tags
138837, 0, 1

Learning Outcome
This course will study the artistic output of Albrecht Dürer, with special focus on the BYU Museum of Art's collection of his prints. It will culminate in an exhibition with a student-initiated concept and student-composed labels.

ARTHC 492R - Special Art History Studies On Site

Course Information

Teaching Area (new)
ARTHC

Course Number
492R

Teaching Area
ARTHC

Course Title
Special Art History Studies On Site

Course Description
Considering works of art and monuments of significance in major collections throughout the world and in original locations, emphasizing cultural context and site specificity.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500
  AND ARTHC 202 - World Civilization Since 1500

Learning Outcomes

Title
Application

Tags
68618, 1

Learning Outcome
Students will use knowledge and skills from their program in a professional session.

ARTHC 496R - BYU Museum of Art Internship

Course Information

Teaching Area (new)
ARTHC

Course Number
496R

Teaching Area
ARTHC

Course Title
BYU Museum of Art Internship

Course Description
Professional training in curatorial practices within the BYU Museum of Art.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Experience

Tags
190935, 1

Learning Outcome
Students will fulfill contact of internship with the sponsoring museum, gallery, archive, or auction house.

Title
Reporting

Tags
191177, 2

Learning Outcome
Student will deliver a written report and a public presentation on the experience.

ARTHC 496R - Off-Campus Museum/Auction House Internship

Course Information

Teaching Area (new)
ARTHC

Course Number
496R

Teaching Area
ARTHC

Course Title
Off-Campus Museum/Auction House Internship

Course Description
An art museum or auction house internship at a national or international institution providing training in administrative practice, curatorship, and connoisseurship. Establishing a network of connections to future employment and professional opportunities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Reporting

Tags
54310, 1

ARTHC 496R - Academic Internship: Museum Internship

Course Information

Teaching Area (new)
ARTHC

Course Number
496R

Teaching Area
ARTHC

Course Title
Academic Internship: Museum Internship

Course Description
On-the-job experience.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 300 - Theory, Methodology, and Historiography of Art History

Other Prerequisites
ArtHC 300, 9 hours minimum upper-division art history courses, project approval.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Experience in the Field

Tags
139424, 0

Learning Outcome
Internships will provide students experience and training in the art world (museum, gallery, art organization, auction house, library/archive, etc.). Students are expected to complete at least 140 hours of employment.

Title
Reporting

Tags
191195, 1

Learning Outcome
Student will deliver biweekly reflections to the internship coordinator, in which they record hours of employment, report their activities, and reflect on their experience according to prearranged prompts.
At the end of their internship students are also required to submit a final report of their internship to the coordinator, detailing their experience, skills acquired, advice for future interns, and the challenges they encountered and overcame.

Title
Off Campus Experience

Tags
191196, 2

Learning Outcome
Completed internships fulfill the Art History "Off-Campus Requirement" (ARTHC 496R) required for graduation.

ARTHC 497 - Art History Business Capstone

Course Information

Teaching Area (new)
ARTHC

Course Number
497

Teaching Area
ARTHC

Course Title
Art History Business Capstone

Course Description
Professional fields associated with Art History. Topics include the museum, the commercial gallery, conservation and technical art history, art law, ethics, connoisseurship, government organizations, art organizations and auction houses, and challenges and opportunities within the field. Requires at least one intensive learning experience beyond the classroom.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 300 - Theory, Methodology, and Historiography of Art History

Other Prerequisites
Senior standing.

Recommended
ArtHC 350, ArtHC 355

Learning Outcomes

Title
Art History Business Capstone

Tags
54778, 1

Learning Outcome
The purpose of this course will be to provide a firm understanding of the various professional fields associated with the discipline of Art History. Topics of discussion will include, but are not limited to, the museum, the commercial gallery, conservation and technical art history, art law, ethics, connoisseurship, government organizations, auction houses, etc.
This course serves the Art History Business Track (Professional Track) along with ACC 200, BUS M 201, and BUS M 241. To complete the Track students need to take three of the four courses listed above.

ARTHC 498 - Senior Thesis/Capstone Experiences

Course Information

Teaching Area (new)
ARTHC

Course Number
498

Teaching Area
ARTHC

Course Title
Senior Thesis/Capstone Experiences

Course Description
Capstone project including a professional quality research paper and a public presentation of this paper. Participation in at least one intensive learning environment beyond the classroom, i.e., a BYU Art History Study Abroad program; an art museum, auction house or gallery internship; or two art history field trips.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARTHC 300 - Theory, Methodology, and Historiography of Art History

Other Prerequisites
senior standing

Note
Internships at major art institutions usually require an internship at a regional or university art museum as a prerequisite.

Learning Outcomes

Title
Art History Theory

Tags
54192, 1

Learning Outcome
Students will be able to articulate and employ sophisticated theoretical models used by art historians.

Title
Preparing Research Papers for Publication

Tags
54307, 1

Learning Outcome
Student will refine a previously researched paper according to the publication standards of a specific art history journal.

Title
Professional Presentation

Tags
54676, 2

Learning Outcome
Students will develop a professional style of public presentation.

ARTHC 500 - Art in Theory: Spectatorship

Course Information

Teaching Area (new)
ARTHC

Course Number
500

Teaching Area
ARTHC

Course Title
Art in Theory: Spectatorship

Course Description
Review and critique of major theoretical approaches in art history, emphasizing the philosophical relationship between viewer and object.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Art Criticism

Tags
54253, 1

Learning Outcome
ARTHC 500Students will acquire a solid grasp of the major writers and theories on spectatorship in the arts, and they will gain an increased awareness of the complexities of visual representation. Students will develop an expanded confidence in their ability to identify issues related to spectatorship when confronting a work of art. They will also develop an appreciation for the meaningfulness and relevancy of the arts and art criticism in contemporary society.

Title
Historical Research

Tags
54401, 1

Learning Outcome
Students will develop art historical research skills by conducting advanced research focused on theoretical approaches to a single work of art. They will develop an enhanced ability to think and write critically about theoretical applications in art history. Students will acquire professional presentation skills as they learn to clearly organize information, draw meaningful conclusions, and effectively use visual materials. Students will also develop persuasive oral skills through the practice of classroom presentations.

ARTHC 505 - Art in Theory: Language

Course Information

Teaching Area (new)
ARTHC

Course Number
505

Teaching Area
ARTHC

Course Title
Art in Theory: Language

Course Description
Review and critique of major theoretical approaches in art history, emphasizing the recent interest in language and semiotics.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Theoretical Applications

Tags
54338, 1

Learning Outcome
Students develop an enhanced ability to think and write critically about theoretical applications in art history. This will be accomplished in part by the students studying the intellectual career of a single theory-driven art historian.

Title
Application of Literary Theory

Tags
54507, 1

Learning Outcome
Students will acquire a solid grasp of application of literary theory to art history beginning the Semiotics of de Saussure and concluding with Derrida’s Deconstruction. Students will also develop an appreciation for the relevance of the arts and art criticism in contemporary society.

ARTHC 510R - Studies in Non Western Art

Course Information

Course Number
510R

Teaching Area
ARTHC

Course Title
Studies in Non Western Art

Course Description
Graduate level course on Non Western Art

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Note
The registration type for this course will be "permission to add code".

ARTHC 520R - Studies in Ancient Art

Course Information

Teaching Area (new)
ARTHC

Course Number
520R

Teaching Area
ARTHC

Course Title
Studies in Ancient Art

Course Description
Selected topics in Egyptian, Greek, and Roman art.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Advanced knowledge

Tags
54141, 0

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in Greek or Roman art through lectures, presentations and readings.

Title
Presentation

Tags
54236, 2

Learning Outcome
Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

Title
Research

Tags
54605, 1

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies and techniques in the area of ancient art.

ARTHC 530R - Studies in Medieval Art

Course Information

Teaching Area (new)
ARTHC

Course Number
530R

Teaching Area
ARTHC

Course Title
Studies in Medieval Art

Course Description
Selected topics in early Christian, Byzantine, Romanesque, and Gothic art.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research

Tags
54360, 1

Learning Outcome
Students will acquire a familiarity with, and employ, advanced research resources, strategies and techniques in the area of ancient art.

Title
Advanced knowledge

Tags
54523, 0

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in medieval art through lectures, presentations and readings.

Title
Presentation

Tags
54633, 2

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

ARTHC 540R - Studies in Renaissance Art

Course Information

Teaching Area (new)
ARTHC

Course Number
540R

Teaching Area
ARTHC

Course Title
Studies in Renaissance Art

Course Description
Selected topics in Northern and Southern Renaissance art.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Advanced knowledge

Tags
54284, 0

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in Renaissance art through lectures, presentations, and readings.

Title
Presentation

Tags
54372, 2

Learning Outcome
Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both oral and written form.

Title
Original research

Tags
54406, 1

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies, and techniques in the area of Renaissance art.

ARTHC 550R - Studies in Baroque Art

Course Information

Teaching Area (new)
ARTHC

Course Number
550R

Teaching Area
ARTHC

Course Title
Studies in Baroque Art

Course Description
Selected topics in northern and southern baroque art.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Original research

Tags
54289, 1

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a familiarity with, and employ, advanced research resources, strategies, and techniques in the area of Baroque art.

Title
Presentation

Tags
54402, 2

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both oral and written form.

Title
Advanced Knowledge

Tags
54417, 0

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will be able to demonstrate an advanced level of knowledge about specialized topics in Baroque art through lectures, presentations, and readings.

ARTHC 560R - Studies in Eighteenth- and Nineteenth-Century Art

Course Information

Teaching Area (new)
ARTHC

Course Number
560R

Teaching Area
ARTHC

Course Title
Studies in Eighteenth- and Nineteenth-Century Art

Course Description
Selected topics in eighteenth- and nineteenth-century art of Europe and America.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
State of the Research

Tags
54339, 0

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will acquire a state-of-the research knowledge of an artist, art movement or related movements, genre, thematic topic, culture, theory or practice from the designated period of the seminar (18th and 19th centuries).

Title
Original Research

Tags
54492, 1

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will develop their own original research project related to the umbrella topic of the seminar.

Title
Presentation

Tags
54657, 2

Learning Outcome
@font-face { font-family: "Cambria Math";}@font-face { font-family: "Calibri";}@font-face { font-family: "Cambria";}@font-face { font-family: "Hoefler Text";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 10pt; font-size: 12pt; font-family: "Hoefler Text"; }.MsoChpDefault { font-size: 10pt; font-family: Cambria; }div.WordSection1 { page: WordSection1; }Students will demonstrate the ability to analyze works of art, formulate thesis statements, organize and present their research in both an oral presentation and a written paper.

ARTHC 570R - Studies in Modern and Contemporary Art

Course Information

Teaching Area (new)
ARTHC

Course Number
570R

Teaching Area
ARTHC

Course Title
Studies in Modern and Contemporary Art

Course Description
Selected topics in modern and contemporary art of Europe and America.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge of ideas, issues, individuals, institutions

Tags
212232, 0, 2

Learning Outcome
Students will acquire a solid foundation in the historical context of post-WWII art and architecture. Students will be able to articulate the characteristics of the styles, processes, and ideologies and philiosophies of key artists and movements, including Abstract Expressionism, Postwar European Art, Pop Art, Minimalism, Earth Art, Body Art, Neo-Pop, Neo-Expressionism, YBA. They will also be able to discuss major developments associated with pluralism, globalization, and intersectionality in art, with an emphasis on the European and American theaters prior to 1980, and the global theater thereafter. Students will become conversant with selected works of art in terms of style, patronage, reception, and meaning of individual works of art and the artists or movements that spawned them. Additionally they will be able to see how contemporary art builds upon its antecedents.

Title
Critical professional skills

Tags
212233, 0, 3

Learning Outcome
Students will develop and refine central skills in the field of contemporary art, including critical thinking, sophisticated research, creative and persuasive arguments and evidence, effective means of argumentation, as well as those necessary to produce professional-level written products and verbal-visual presentations.

Title
Course relevancy

Tags
212234, 0, 4

Learning Outcome
Students will be able to discern the relevancies of contemporary art to their personal goals and professional ambitions, as well as to the Aims of a BYU Education (spiritually strenghtening, intellectually enlarging, character building, and commitment to lifelong learning & service) and to their development as disciples of Jesus Christ.

Title
Conversancy in role of theory & criticism

Tags
212231, 0, 1

Learning Outcome
Students will become conversant with the criticism of leading figures in post-WWII art world, and the roles of criticism in the development of the field of contemporary art. They will also develop critical skills necessary to engage in verbal and written discourse vis-a-vis contemporary art in a variety of spaces, including the classroom, museums & galleries, and civic and social spaces.

ARTHC 580R - Studies in Architecture

Course Information

Teaching Area (new)
ARTHC

Course Number
580R

Teaching Area
ARTHC

Course Title
Studies in Architecture

Course Description
Selected topics in architecture of Europe and America.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Scope

Tags
54441, 0

Learning Outcome
Students will acquire a state-of-the-research overview of an architect, school or movement, culture, or practice in the history of Western architecture.

Title
Research

Tags
54470, 1

Learning Outcome
Students will develop their own original research project related to the umbrella topic of the seminar.

Title
Presentation

Tags
54485, 2

Learning Outcome
Students will become increasingly articulate through intense discussions of readings, theoretical models, lectures, and peer research presentations.

ARTHC 590R - Studies in Curatorship

Course Information

Teaching Area (new)
ARTHC

Course Number
590R

Teaching Area
ARTHC

Course Title
Studies in Curatorship

Course Description
Selected topics in curation and the museum.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Exhibition

Tags
54087, 1

Learning Outcome
Students will develop a thesis for, and multi-stage plan to execute, an exhibition.

Title
Scope

Tags
54500, 0

Learning Outcome
tudents will achieve state-of-the-research conversancy with scholarship related to the curatorial topic of the seminar.

ARTHC 595R - Foreign Language Readings for Art Historians

Course Information

Teaching Area (new)
ARTHC

Course Number
595R

Teaching Area
ARTHC

Course Title
Foreign Language Readings for Art Historians

Course Description
Special instruction in reading French or German scholarly texts.

Department
Comparative Arts and Letters

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application

Tags
54404, 1

Learning Outcome
Students will translate (from target language to English) a scholarly article of their own choice.

Title
Research skills

Tags
54727, 0

Learning Outcome
Students will learn the basic grammar and art history-specific vocabulary of the target language sufficient to comprehend or translate exhibition catalogue entries and other publications or archival sources.

ARTHC 595R - French Readings for Art Historians

Course Information

Teaching Area (new)
ARTHC

Course Number
595R

Teaching Area
ARTHC

Course Title
French Readings for Art Historians

Course Description
Special instruction in reading French scholarly texts.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ARTHC 599R - Academic Internship

Course Information

Teaching Area (new)
ARTHC

Course Number
599R

Teaching Area
ARTHC

Course Title
Academic Internship

Course Description
Professional museum experience with a curatorial mentor.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
8

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
ArtHC graduate student status

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Reporting

Tags
54177, 1

Learning Outcome
Students will deliver a written report and a public presentation on the experience.

Title
Experience

Tags
54577, 0

Learning Outcome
Students will fulfill the contact of a graduate-level internship with the sponsoring museum, gallery, archive, or auction house.

ASIAN 200 - Introduction to Asian Studies: Methods and Materials

Course Information

Teaching Area (new)
ASIAN

Course Number
200

Teaching Area
ASIAN

Course Title
Introduction to Asian Studies: Methods and Materials

Course Description
Sources, materials, and methods of research and writing; critical analysis of research project.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Required of all Asian Studies majors early in the program.

Learning Outcomes

Title
Factual Knowledge

Tags
199950, 2

Learning Outcome
The student can identify countries and major geographic features of Asia on a map. The student can relate basic facts about the history, economics, politics, society and cultures of the countries of Asia.

Title
Effective Research and Writing

Tags
200126, 0

Learning Outcome
The student will be able to apply effective search strategies to locate and to evaluate information on Asia in all formats (print, electronic, microform, video, DVD) and of all types (books, articles, reference materials, etc.). The student will be able to employ proper research skills to carry out research on a topic related to Asia and present results in oral and written academic reports.

Title
Character Development

Learning Outcome
By completing ASIAN 200, you will become a more informed global citizen with greater empathy, and appreciation for Asian peoples, cultures, societies, and nations. You will develop a deeper understanding of the core values and historical developments that inform the contemporary actions of Asian peoples and Asian governments. Furthermore, you will come to understand the struggles and successes experienced by the citizens of various Asian countries in the recent past and how Asian peoples and their leaders are coping with present challenges.

Title
Library Literacy

Learning Outcome
By completing a research paper on a topic of your own choosing (approved by the instructor) you will be introduced to the excellent digital and print resources available in the library. Learning to use these resources will help you develop information literacy and information management skills that you will need to effectively pursue your own research questions in the future.

ASIAN 330R - Asian Studies Abroad

Course Information

Teaching Area (new)
ASIAN

Course Number
330R

Teaching Area
ASIAN

Course Title
Asian Studies Abroad

Course Description
Preparatory course approved for Asian Seminar (Study Abroad).

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Learning Outcomes

Title
Area Knowledge

Tags
200134, 1

Learning Outcome
Students will enhance their knowledge of the language, culture, and society through a study abroad experience.

ASIAN 342 - Asian Literary Traditions

Course Information

Teaching Area (new)
ASIAN

Course Number
342

Teaching Area
ASIAN

Course Title
Asian Literary Traditions

Course Description
Comparative analysis of Asian literary works spanning several traditions.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Asian Literary Traditions

Tags
199951, 2

Learning Outcome
Gain familiarity with Asian literary traditions, particularly India, China, and Japan.

Title
Critical Analysis and Writing

Tags
199952, 3

Learning Outcome
Demonstrate strong critical reading, writing, and analytical skills across linguistic and national traditions.

Title
Comparative Literary Analysis

Tags
200101, 0

Learning Outcome
Apply basic concepts of comparative literary analysis to course texts.

ASIAN 495 - Capstone in Asian Studies

Course Information

Teaching Area (new)
ASIAN

Course Number
495

Teaching Area
ASIAN

Course Title
Capstone in Asian Studies

Course Description
Learning research and writing skills necessary to prepare and present major senior research paper.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lab Hours

Fixed:
0

Other Prerequisites
Senior status or program coordinator's consent.

Note
Most all major requirements should be completed before registering for this course.

Learning Outcomes

Title
Effective Research, Analysis and Writing

Tags
199953, 1

Learning Outcome
In this course, you will learn how to complete a significant research project using appropriate methods of research, analysis, and a professional standard of writing. In doing so, you will draw heavily from your knowledge from previous courses.

Title
Factual Knowledge

Tags
199954, 2

Learning Outcome
You will do this by studying a specialized topic in Asian Studies under the guidance of a professor. Thus, you will deepen your familiarity with a sub-field within Asian Studies and Asian Studies more broadly.

Title
Effective Oral Communication

Tags
199955, 3

Learning Outcome
You will also learn how to present your findings in a high-quality oral presentation, and how to give and receive appropriate feedback within a community of scholars.

ASL 101 - First-Year American Sign Language, Part 1

Course Information

Teaching Area (new)
ASL

Course Number
101

Teaching Area
ASL

Course Title
First-Year American Sign Language, Part 1

Course Description
The first in a series of five courses. Focuses on developing basic language skills in ASL that reflect a Novice High level. Deaf culture and linguistic aspects of ASL will be taught.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Note
Intended for students with little or no experience in ASL.
Students are required to register for a 0-credit Conversation Lab.

Learning Outcomes

Title
Communication

Tags
193075, 2

Learning Outcome
Students can express self in conversations on very familiar topics using a variety of words, phrases, and simple sentences that have been highly practiced and memorized.

Title
Function

Tags
193105, 4

Learning Outcome
Students can ask highly predictable and formulaic questions and respond to such questions by listing, naming, and identifying.

Title
Content

Tags
193128, 5

Learning Outcome
Students can function in some personally relevant contexts on topics related to basic biographical information and the immediate environment.

Title
Format

Tags
193151, 3

Learning Outcome
Students can understand and produce highly practiced words, phrases, and some sentences.

ASL 102 - First-Year American Sign Language, Part 2

Course Information

Teaching Area (new)
ASL

Course Number
102

Teaching Area
ASL

Course Title
First-Year American Sign Language, Part 2

Course Description
The second in a series of five courses. Focuses on developing basic language skills in ASL that reflect an Intermediate Low level. Deaf Culture and linguistic aspects of ASL will be taught.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 101 - First-Year American Sign Language, Part 1

Note
Teacher may waive prerequisite based on prior experience. Not for native or advanced speakers.
Students are required to register for a 0-credit Conversation Lab.

Learning Outcomes

Title
Communication

Tags
177880, 0

Learning Outcome
Students can express self in conversations in uncomplicated communication tasks by using the language creatively, on predictable topics necessary for survival and by combining and recombining what they know.

Title
Function

Tags
177902, 0

Learning Outcome
Students can ask several questions and respond to direct questions, as well as respond to requests for information.

Title
Content

Tags
193066, 3

Learning Outcome
Students can converse about basic personal information, daily activities and personal preferences.

Title
Format

Tags
193068, 3

Learning Outcome
Students can express personal meaning through creatively using high-frequency vocabulary.

ASL 111R - American Sign Language Basic Conversation

Course Information

Teaching Area (new)
ASL

Course Number
111R

Teaching Area
ASL

Course Title
American Sign Language Basic Conversation

Course Description
This course will provide students with novice-level communication, focusing on appropriate topics in beginning conversation. It provides the opportunity to practice developed skills in a conventional setting.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 102 - First-Year American Sign Language, Part 2

Recommended
ASL 102; Or equivalent proficiency (two to four years in high school)

Learning Outcomes

Learning Outcome
Students will demonstrate novice-level communication through high frequency vocabulary on familiar and practiced topics related to self in conversational settings.

ASL 201 - Second-Year American Sign Language, Part 1

Course Information

Teaching Area (new)
ASL

Course Number
201

Teaching Area
ASL

Course Title
Second-Year American Sign Language, Part 1

Course Description
The third in a series of five courses. Focuses on developing language skills that reflect an Intermediate Mid level. Deaf Culture and linguistic aspects of ASL will be taught.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 102 - First-Year American Sign Language, Part 2

Note
Teacher may waive prerequisite based on prior experience.
Students are required to register for a 0-credit Conversation Lab.

Learning Outcomes

Title
Communication

Tags
193091, 3

Learning Outcome
Students can successfully handle a variety of uncomplicated communication tasks and engage in predictable, concrete exchanges.

Title
Function

Tags
193097, 2

Learning Outcome
Students can ask a variety of questions to obtain information to meet basic needs.

Title
Content

Tags
193187, 1

Learning Outcome
Students can demonstrate understanding and express themselves on topics that involve personal information related to self, family, home, and interests.

Title
Format

Tags
193230, 0

Learning Outcome
Students can express personal meaning by creating with the language in sentence-level discourse, using strings of sentences and appropriate language forms.

ASL 202 - Second-Year American Sign Language, Part 2

Course Information

Teaching Area (new)
ASL

Course Number
202

Teaching Area
ASL

Course Title
Second-Year American Sign Language, Part 2

Course Description
The fourth class in a series of five courses. Focuses on developing language skills at an Intermediate High level. Deaf Culture and linguistic aspects of ASL will be taught.

Department
Language Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ASL 201 - Second-Year American Sign Language, Part 1

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Note
Culminating course for GE Languages of Learning requirement.
Students are required to register for a 0-credit Conversation Lab.

Learning Outcomes

Title
Communication

Tags
193078, 1

Learning Outcome
Students can converse with ease and confidence when dealing with routine tasks and social situations requiring exchanges of basic information related to self.

Title
Function

Tags
193113, 3

Learning Outcome
Students can handle a substantial number of tasks associated with the Advanced level such as classifiers and use of space.

Title
Content

Tags
193178, 4

Learning Outcome
Students can exchange information related to their work, school, recreation, particular interests, and areas of competence.

Title
Format

Tags
193190, 2

Learning Outcome
Students can narrate and describe using connected discourse of paragraph length.

ASL 210 - ASL Fingerspelling and Numbering

Course Information

Teaching Area (new)
ASL

Course Number
210

Teaching Area
ASL

Course Title
ASL Fingerspelling and Numbering

Course Description
This course instructs students on the appropriate use of fingerspelling and numbers in ASL, including defining the rules and expectations of their incorporation into the language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ASL 202 - Second-Year American Sign Language, Part 2

Other Prerequisites
Or by instructor permission.

Learning Outcomes

Learning Outcome
Students will demonstrate understanding of the rules associated with fingerspelling and numerical incorporations in the language.

ASL 211R - American Sign Language Intermediate Conversation

Course Information

Teaching Area (new)
ASL

Course Number
211R

Teaching Area
ASL

Course Title
American Sign Language Intermediate Conversation

Course Description
This course provides conversational opportunities for ASL students to engage at the intermediate-level on topics related to family, work, school, and personal interests.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 202 - Second-Year American Sign Language, Part 2

Note
Or equivalent proficiency (contact the Center for Language Studies).

Learning Outcomes

Learning Outcome
Students can demonstrate intermediate-level communication by conversing on topics related to self, school, family, work, and personal interests in conversational settings.

ASL 301 - Advanced American Sign Language and Culture

Course Information

Teaching Area (new)
ASL

Course Number
301

Teaching Area
ASL

Course Title
Advanced American Sign Language and Culture

Course Description
The fifth in a series of five courses. Focuses on developing advanced language skills in ASL that reflect an Advanced Low level. Deaf Culture and linguistic aspects of ASL will be taught.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 202 - Second-Year American Sign Language, Part 2

Note
ASL Program Coordinators may waive prerequisite based on prior experience. Students are required to register for a 0-credit Conversation Lab.

Learning Outcomes

Title
Communication

Tags
193065, 0

Learning Outcome
Students can participate in most informal and some formal conversations, and demonstrate the ability to separately handle narrations and descriptions in major time frames..

Title
Function

Tags
193076, 2

Learning Outcome
Students can communicate with sufficient accuracy, clarity, and precision to convey their intended message, as well as handle a complication.

Title
Content

Tags
193109, 7

Learning Outcome
Students can converse on topics related to school, home and leisure activities, as well as some topics related to employment, current events, and community.

Title
Format

Tags
193130, 3

Learning Outcome
Students can combine and link sentences into connected discourse of paragraph length.

ASL 302 - Deaf Literature

Course Information

Teaching Area (new)
ASL

Course Number
302

Teaching Area
ASL

Course Title
Deaf Literature

Course Description
This course is designed to provide ASL students opportunities to view and discuss creative works in the language, analyze artistic styles, and incorporate these examples into their own literary productions.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ASL 301 - Advanced American Sign Language and Culture

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Tags
193067, 4

Learning Outcome
Student will become familiar with Deaf literary works in ASL and identify various literary forms.

Tags
193094, 3

Learning Outcome
Students will learn how selected Deaf literature reflects cultural values, beliefs and traditions, and recognize selected creators and performers.

Tags
193148, 1

Learning Outcome
Students will create their own literary productions following learned literary forms.

ASL 305 - ASL Special Topics

Course Information

Teaching Area (new)
ASL

Course Number
305

Teaching Area
ASL

Course Title
ASL Special Topics

Course Description
This course will explore a variety of special topics in ASL and/or Deaf Culture such as recreation, math, women's studies, medicine, and religion.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- ASL 202 - Second-Year American Sign Language, Part 2

Note
Prerequisite can be waived if equivalent language skill.

Learning Outcomes

Learning Outcome
Students will demonstrate understanding and use of ASL specific vocabulary and concepts related to selected content areas.

ASL 311R - American Sign Language Advanced Conversation

Course Information

Teaching Area (new)
ASL

Course Number
311R

Teaching Area
ASL

Course Title
American Sign Language Advanced Conversation

Course Description
This course provides advanced conversation opportunities for students by exploring topics outside of self, including community and global events.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- ASL 202 - Second-Year American Sign Language, Part 2

Note
ASL coordinators may determine equivalent proficiency.

Learning Outcomes

Tags
213342, 0, 1, 2023-08-28 14:02:27

Learning Outcome
Students will engage fully in everyday conversations and routine work-related interactions, and communicate on topics of community, national, and international interest.

ASL 320 - History of Modern Deaf Culture

Course Information

Teaching Area (new)
ASL

Course Number
320

Teaching Area
ASL

Course Title
History of Modern Deaf Culture

Course Description
This course explores the emergence of a Deaf school in the United States and the evolution of Deaf culture from 1817 to the present.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ASL 202 - Second-Year American Sign Language, Part 2

Recommended
ASL 301; ASL 302

Note
Prerequisites may be waived according to instructor.

Learning Outcomes

Learning Outcome
Students will be able to identify what Deaf culture is, and recognize how it is tied to a specific linguistic minority group.

Learning Outcome
Students will demonstrate understanding of the historical context of education for Deaf people in the United States.

ASL 330 - Advanced Language Proficiency through Cultural Studies: ASL

Course Information

Teaching Area (new)
ASL

Course Number
330

Teaching Area
ASL

Course Title
Advanced Language Proficiency through Cultural Studies: ASL

Course Description
This course will focus on advanced-level grammar and language by means of receptive and expressive activities pertaining to local and global issues. Designed for returned missionaries or equivalent experience.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Other Prerequisites
Successful completion of ASL 301 or equivalent experience such as completion of an ASL mission.

Note
Entry course for returned missionaries or others of equivalent language ability. Required course for obtaining language credit by examination.

Learning Outcomes

Learning Outcome
Students will be demonstrate advanced-level language skills through in-depth language analysis, exposure to authentic resources and discussions.

Learning Outcome
Students will demonstrate understanding of current and historical issues that face the Deaf community.

ASL 431 - Interpreting 1

Course Information

Teaching Area (new)
ASL

Course Number
431

Teaching Area
ASL

Course Title
Interpreting 1

Course Description
Building basic interpreting skills. Code of Ethics, interpreting protocol, and interpreting issues.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
ASL 301 or equivalent.

Recommended
ASL 302 or concurrent enrollment

Note
Teacher may waive prerequisite based on prior experience.

ASL 431 - Introduction to American Sign Language Linguistics

Course Information

Teaching Area (new)
ASL

Course Number
431

Teaching Area
ASL

Course Title
Introduction to American Sign Language Linguistics

Course Description
This course explores the dynamics of ASL linguistics, including basic similarities between ASL and other languages. Specific linguistic concepts and vocabulary will be addressed.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 301 - Advanced American Sign Language and Culture

Other Prerequisites
ASL 301 or equivalent.

Recommended
ASL 302 or concurrent enrollment

Learning Outcomes

Learning Outcome
Students will demonstrate understanding about ASL linguistic features that make the language unique.

ASL 432 - Exploration of American Sign Language Interpreting

Course Information

Teaching Area (new)
ASL

Course Number
432

Teaching Area
ASL

Course Title
Exploration of American Sign Language Interpreting

Course Description
Students will explore the ASL interpreting profession and related issues, including the Code of Professional Conduct and interpreting protocol.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ASL 301 - Advanced American Sign Language and Culture

Note
Teacher may waive prerequisite based on prior experience.
This course is not intended to train or certify students to become an interpreter.

Learning Outcomes

Tags
195411, 0

Learning Outcome
Students will explore various types of interpreting, such as educational, medical, judicial, freelance in the field of ASL interpreting, and gain a better understanding of what the field of interpreting looks like, etc.

AYMRA 100 - Language Study: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
100

Teaching Area
AYMRA

Course Title
Language Study: Aymara

Course Description
Survival-level conversation, reading, listening, and culture skills in Aymara.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195755, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195756, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195757, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

AYMRA 101 - First-Year Language Study: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
101

Teaching Area
AYMRA

Course Title
First-Year Language Study: Aymara

Course Description
Beginning speaking, listening, reading, and writing skills in Aymara.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195758, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195759, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195760, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195761, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

AYMRA 102 - First-Year Language Study: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
102

Teaching Area
AYMRA

Course Title
First-Year Language Study: Aymara

Course Description
Second-semester speaking, listening, reading, and writing skills in Aymara.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 101 - First-Year Language Study: Aymara

Note
Teacher may waive prerequisite based on prior experience.

AYMRA 201 - Second-Year Language Study: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
201

Teaching Area
AYMRA

Course Title
Second-Year Language Study: Aymara

Course Description
Intermediate speaking, listening, reading, and writing skills in Aymara.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 102 - First-Year Language Study: Aymara

Note
Teacher may waive prerequisite based on prior experience.

AYMRA 202 - Second-Year Language Study: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
202

Teaching Area
AYMRA

Course Title
Second-Year Language Study: Aymara

Course Description
Continued emphasis on Aymara communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 201 - Second-Year Language Study: Aymara

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196278, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196279, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196280, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196286, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

AYMRA 305 - Language Skills Development: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
305

Teaching Area
AYMRA

Course Title
Language Skills Development: Aymara

Course Description
Increasing proficiency in one or more of the following Aymara language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196292, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196293, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196296, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

AYMRA 321 - Advanced Grammar: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
321

Teaching Area
AYMRA

Course Title
Advanced Grammar: Aymara

Course Description
Systematic review of grammar and syntax of target language Aymara.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 202 - Second-Year Language Study: Aymara

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196299, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196302, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196305, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
330

Teaching Area
AYMRA

Course Title
Advanced Language Proficiency Through Cultural Studies: Aymara

Course Description
Study of Aymara culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Aymra 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196311, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196312, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196313, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196314, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

AYMRA 340 - Introduction to Literature: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
340

Teaching Area
AYMRA

Course Title
Introduction to Literature: Aymara

Course Description
Advanced study of literature of Aymara literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196315, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196316, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196317, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196318, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

AYMRA 350 - Advanced Language Study for Career Purposes: Aymara

Course Information

Teaching Area (new)
AYMRA

Course Number
350

Teaching Area
AYMRA

Course Title
Advanced Language Study for Career Purposes: Aymara

Course Description
Concentration on Aymara language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- AYMRA 330 - Advanced Language Proficiency Through Cultural Studies: Aymara

Learning Outcomes

Title
Defined Career Purposes

Tags
196319, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196320, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196321, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196322, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196323, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

AZER 100 - Language Study: Azerbaijani

Course Information

Course Number
100

Teaching Area
AZER

Course Title
Language Study: Azerbaijani

Course Description
Survival-level conversation, reading, listening, and culture skills in Azerbaijani

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Speaking

Tags
213344, 0, 1, 2023-08-28 14:02:48

Learning Outcome
Speak Azerbaijani well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
213345, 0, 2, 2023-08-28 14:02:50

Learning Outcome
Function appropriately in familiar, routine social situations in the Azerbaijani culture.

Title
Follow Instructions

Tags
213346, 0, 3, 2023-08-28 14:02:51

Learning Outcome
Understand spoken and written Azerbaijani well enough to follow simple instructions.

AZER 101 - First-Year Language Study: Azerbaijani

Course Information

Course Number
101

Teaching Area
AZER

Course Title
First-Year Language Study: Azerbaijani

Course Description
Beginning speaking, listening, reading, and writing skills in Azerbaijani

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Learning Outcomes

Title
Speaking

Tags
213344, 0, 1, 2023-08-28 14:02:48

Learning Outcome
Speak Azerbaijani well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
213345, 0, 2, 2023-08-28 14:02:50

Learning Outcome
Function appropriately in familiar, routine social situations in the Azerbaijani culture.

Title
Follow Instructions

Tags
213346, 0, 3, 2023-08-28 14:02:51

Learning Outcome
Understand spoken and written Azerbaijani well enough to follow simple instructions.

AZER 102 - First-Year Language Study: Azerbaijani

Course Information

Course Number
102

Teaching Area
AZER

Course Title
First-Year Language Study: Azerbaijani

Course Description
Second-semester speaking, listening, reading, and writing skills in Azerbaijani

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- AZER 101 - First-Year Language Study: Azerbaijani

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
213347, 0, 1, 2023-08-28 14:02:55

Learning Outcome
Demonstrate understanding of written and spoken Azerbaijani relating to familiar topics.

Title
Speaking

Tags
213348, 0, 2, 2023-08-28 14:02:56

Learning Outcome
Speak Azerbaijani well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
213349, 0, 3, 2023-08-28 14:02:58

Learning Outcome
Write short, simple messages in Azerbaijani consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
213350, 0, 4, 2023-08-28 14:03:00

Learning Outcome
Function appropriately in routine, familiar situations in the Azerbaijani culture.

AZER 201 - Second-Year Language Study: Azerbaijani

Course Information

Course Number
201

Teaching Area
AZER

Course Title
Second-Year Language Study: Azerbaijani

Course Description
Intermediate speaking, listening, reading, and writing skills in Azerbaijani

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

No Requirements

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
213351, 0, 1, 2023-08-28 14:03:03

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past, and future time.

Title
Vocabulary

Tags
213352, 0, 2, 2023-08-28 14:03:04

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
213353, 0, 3, 2023-08-28 14:03:05

Learning Outcome
Demonstrate understanding of basic language structures.

Title
Culture

Tags
213354, 0, 4, 2023-08-28 14:03:07

Learning Outcome
Discuss common products and practices related to every-day life in the Azerbaijani culture.

AZER 202 - Second-Year Language Study: Azerbaijani

Course Information

Course Number
202

Teaching Area
AZER

Course Title
Second-Year Language Study: Azerbaijani

Course Description
Continued emphasis on Azerbaijani communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- AZER 201 - Second-Year Language Study: Azerbaijani

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Communication Skills

Tags
213355, 0, 1, 2023-08-28 14:03:08

Learning Outcome
Communicate in both the written and spoken Azerbaijani with reasonable accuracy about real-world activities with well-educated members of the target culture who are accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
213356, 0, 2, 2023-08-28 14:03:11

Learning Outcome
Demonstrate understanding of everyday written and verbal instructions. Demonstrate comprehension of concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
213357, 0, 3, 2023-08-28 14:03:13

Learning Outcome
Discuss in Azerbaijani cultural practices related to everyday life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
Languages of Learning

Tags
213358, 0, 4, 2023-08-28 14:03:14

Learning Outcome
Complete language and culture aspects of the General Education "Languages of Learning" and "Global and Cultural Awareness" requirement.

AZER 305 - Language Skills Development: Azerbaijani

Course Information

Course Number
305

Teaching Area
AZER

Course Title
Language Skills Development: Azerbaijani

Course Description
Increasing proficiency in one or more of the following Azerbaijani language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Learning Outcomes

Title
Defined Special Purpose

Tags
213359, 0, 1, 2023-08-28 14:03:16

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
213360, 0, 2, 2023-08-28 14:03:17

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
213361, 0, 3, 2023-08-28 14:03:18

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

AZER 330 - Advanced Language Proficiency Through Cultural Studies: Azerbaijani

Course Information

Course Number
330

Teaching Area
AZER

Course Title
Advanced Language Proficiency Through Cultural Studies: Azerbaijani

Course Description
Study of culture using interpersonal, presentational, and interpretive skills in Azerbaijani.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Communication Skills

Tags
213362, 0, 1, 2023-08-28 14:03:19

Learning Outcome
In both written and spoken Azerbaijani, communicate accurately with well-educated members of the Azerbaijani culture about real-world activities.

Title
Comprehension

Tags
213363, 0, 2, 2023-08-28 14:03:20

Learning Outcome
Demonstrate understanding of detailed written and verbal instructions. Demonstrate comprehension of historical passages, newspaper and magazine articles, and broadcast news reports that well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
213364, 0, 3, 2023-08-28 14:03:22

Learning Outcome
Acquire background knowledge of important achievements related to the Azerbaijani culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
213365, 0, 4, 2023-08-28 14:03:23

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements

AZER 340 - Introduction to Literature: Azerbaijani

Course Information

Course Number
340

Teaching Area
AZER

Course Title
Introduction to Literature: Azerbaijani

Course Description
Explore Azerbaijani culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Recognize and Analyze

Tags
213366, 0, 1, 2023-08-28 14:03:24

Learning Outcome
Recognize and analyze the most important genres in Azerbaijani literature.

Title
Key Characteristics

Tags
213367, 0, 2, 2023-08-28 14:03:26

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the Azerbaijani culture.

Title
Context

Tags
213368, 0, 3, 2023-08-28 14:03:27

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
213369, 0, 4, 2023-08-28 14:03:29

Learning Outcome
Improve Azerbaijani reading, writing, and speaking skills.

Title
General Education Letters

Tags
213370, 0, 5, 2023-08-28 14:03:30

Learning Outcome
General Education: Fulfill the purposes of the GE Letters requirements

AZER 350 - Advanced Language Study for Career Purposes: Azerbaijani

Course Information

Course Number
350

Teaching Area
AZER

Course Title
Advanced Language Study for Career Purposes: Azerbaijani

Course Description
Concentration on Azerbaijani language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Defined Career Purposes

Tags
213371, 0, 1, 2023-08-28 14:03:31

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
213372, 0, 2, 2023-08-28 14:03:32

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
213373, 0, 3, 2023-08-28 14:03:34

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
213374, 0, 4, 2023-08-28 14:03:35

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
213375, 0, 5, 2023-08-28 14:03:36

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

BASQ 100 - Language Study: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
100

Teaching Area
BASQ

Course Title
Language Study: Basque

Course Description
Survival-level conversation, reading, listening, and culture skills in Basque.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196324, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196325, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196326, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

BASQ 101 - First-Year Language Study: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
101

Teaching Area
BASQ

Course Title
First-Year Language Study: Basque

Course Description
Beginning speaking, listening, reading, and writing skills in Basque.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196327, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196328, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196329, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196330, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BASQ 102 - First-Year Language Study: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
102

Teaching Area
BASQ

Course Title
First-Year Language Study: Basque

Course Description
Second-semester speaking, listening, reading, and writing skills in Basque.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 101 - First-Year Language Study: Basque

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
196331, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196332, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196333, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Comprehension

Tags
196334, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

BASQ 201 - Second-Year Language Study: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
201

Teaching Area
BASQ

Course Title
Second-Year Language Study: Basque

Course Description
Intermediate speaking, listening, reading, and writing skills in Basque.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 102 - First-Year Language Study: Basque

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196335, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196336, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196339, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196341, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

BASQ 202 - Second-Year Language Study: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
202

Teaching Area
BASQ

Course Title
Second-Year Language Study: Basque

Course Description
Continued emphasis on Basque communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 201 - Second-Year Language Study: Basque

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
196343, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196345, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196348, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196349, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BASQ 305 - Language Skills Development: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
305

Teaching Area
BASQ

Course Title
Language Skills Development: Basque

Course Description
Increasing proficiency in one or more of the following Basque language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196354, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196357, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196360, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

BASQ 321 - Advanced Grammar: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
321

Teaching Area
BASQ

Course Title
Advanced Grammar: Basque

Course Description
Systematic review of grammar and syntax of Basque.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 202 - Second-Year Language Study: Basque

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196363, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196366, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196368, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
330

Teaching Area
BASQ

Course Title
Advanced Language Proficiency Through Cultural Studies: Basque

Course Description
Study of Basque culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Basq 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196371, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196372, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196375, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196377, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BASQ 340 - Introduction to Literature: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
340

Teaching Area
BASQ

Course Title
Introduction to Literature: Basque

Course Description
Advanced study of literature of Basque literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196381, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196383, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196385, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196387, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

BASQ 350 - Advanced Language Study for Career Purposes: Basque

Course Information

Teaching Area (new)
BASQ

Course Number
350

Teaching Area
BASQ

Course Title
Advanced Language Study for Career Purposes: Basque

Course Description
Concentration on Basque language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BASQ 330 - Advanced Language Proficiency Through Cultural Studies: Basque

Learning Outcomes

Title
Defined Career Purposes

Tags
196390, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196393, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196396, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196398, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196399, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

BCLNO 100 - Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
100

Teaching Area
BCLNO

Course Title
Language Study: Bicolano

Course Description
Survival-level conversation, reading, listening, and culture skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196400, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196401, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196402, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

BCLNO 101 - First-Year Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
101

Teaching Area
BCLNO

Course Title
First-Year Language Study: Bicolano

Course Description
Beginning speaking, listening, reading, and writing skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196403, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196404, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196405, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196406, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BCLNO 102 - First-Year Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
102

Teaching Area
BCLNO

Course Title
First-Year Language Study: Bicolano

Course Description
Second-semester speaking, listening, reading, and writing skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 101 - First-Year Language Study: Bicolano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196407, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196408, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196409, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196410, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BCLNO 201 - Second-Year Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
201

Teaching Area
BCLNO

Course Title
Second-Year Language Study: Bicolano

Course Description
Intermediate speaking, listening, reading, and writing skills in Bicolano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 102 - First-Year Language Study: Bicolano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196411, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196412, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196413, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196414, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

BCLNO 202 - Second-Year Language Study: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
202

Teaching Area
BCLNO

Course Title
Second-Year Language Study: Bicolano

Course Description
Continued emphasis on Bicolano communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 201 - Second-Year Language Study: Bicolano

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
196415, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196416, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196417, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196418, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BCLNO 305 - Language Skills Development: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
305

Teaching Area
BCLNO

Course Title
Language Skills Development: Bicolano

Course Description
Increasing proficiency in one or more of the following Bicolano language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196419, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196420, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196421, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

BCLNO 321 - Advanced Grammar: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
321

Teaching Area
BCLNO

Course Title
Advanced Grammar: Bicolano

Course Description
Systematic review of grammar and syntax of Bicolano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 202 - Second-Year Language Study: Bicolano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196422, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196423, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196424, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
330

Teaching Area
BCLNO

Course Title
Advanced Language Proficiency Through Cultural Studies: Bicolano

Course Description
Study of Bicolano culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Bclno 202 of equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196428, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196429, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196431, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196434, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BCLNO 340 - Introduction to Literature: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
340

Teaching Area
BCLNO

Course Title
Introduction to Literature: Bicolano

Course Description
Advanced study of Bicolano literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196437, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196440, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196442, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196443, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

BCLNO 350 - Advanced Language Study for Career Purposes: Bicolano

Course Information

Teaching Area (new)
BCLNO

Course Number
350

Teaching Area
BCLNO

Course Title
Advanced Language Study for Career Purposes: Bicolano

Course Description
Concentration on Bicolano language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BCLNO 330 - Advanced Language Proficiency Through Cultural Studies: Bicolano

Learning Outcomes

Title
Defined Career Purposes

Tags
196444, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196445, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196446, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196447, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196449, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

BIO 100 - Principles of Biology

Course Information

Teaching Area (new)
BIO

Course Number
100

Teaching Area
BIO

Course Title
Principles of Biology

Course Description
Introductory course for general education students.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

Learning Outcomes

Title
Biology Literacy

Tags
201313, 1

Learning Outcome
Students will acquire basic literacy in the language of science and biology as evidenced by their ability to: Explain the foundational assumptions underlying science and evaluate the strengths and limitations of science as a human endeavor. Describe basic principles and concepts of biology using appropriate vocabulary. Describe data represented textually, numerically, and graphically, and infer a conclusion from the data. Plan and perform a simple experiment, actual or simulated; draw conclusions, and; communicate the results.

Title
Scientific Reasoning

Tags
201314, 2

Learning Outcome
Students will exercise sound scientific reasoning as evidenced by their ability to: Evaluate scientific evidence and claims at the level of a well-informed layperson in order to make rational decisions on public-policy science issues. Develop intellectual abilities and character traits of sound judgment and effective communication.

Title
Personal Responsibility

Tags
201315, 3

Learning Outcome
Students will accept responsibility for personal and public stewardship as evidenced by their ability to: Integrate sound scientific reasoning with reasoning and methods from other disciplines to address real-world biology-related issues and concerns. Reflect on how literacy in biology and sound scientific reasoning combine with reasoning and methods from other disciplines to increase their ability to act responsibly as stewards and citizens in their own families, communities and the world.

BIO 120 - Field Biology

Course Information

Teaching Area (new)
BIO

Course Number
120

Teaching Area
BIO

Course Title
Field Biology

Course Description
Field Biology is an introduction to the methods of outdoor field research and curation of natural history specimens. Students will learn basic methods of fieldwork. Topics include an introduction to common plant and animal species and communities of Utah, documentation of field notes, and specimen collection and curation. Instruction will be primarily through extended field trips.

Department
Biology

When Taught
Fall and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

BIO 129 - Biology Teaching and Learning

Course Information

Course Number
129

Teaching Area
BIO

Course Title
Biology Teaching and Learning

Course Description
Teaching Assistants will be prepared with the skills and knowledge necessary to mentor the students they serve. Students will develop a greater understanding of how to facilitate learning by exploring learning theories and instructional practices.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
BIO 100 or BIO 130

Learning Outcomes

Title
Learning Theory

Learning Outcome
Students will be able to compare theories of behaviorism, cognitivism, and constructivism and apply principles from these learning theories to support teaching and learning in their role as teaching assistants.

Title
Instructional Strategies

Learning Outcome
Students will be able to use instructional strategies that pertain to their role and develop lesson plans that use these strategies to remediate students who need individual help and teach large group review sessions.

Title
Diagnosing Misconceptions

Learning Outcome
Students will be able to identify common misconceptions about core biology concepts and implement strategies to identify what misconceptions might be held by individual students they are trying to help.

Title
Classroom Expectations

Learning Outcome
Students will be able to identify and apply various classroom management strategies and demonstrate an understanding of how to aid in student engagement, support student learning, and handle student concerns while maintaining a respectful learning atmosphere.

Title
Professionalism and Ethics

Learning Outcome
Students will demonstrate an understanding of the importance of professionalism and ethical behavior in an educational setting and how following policies and procedures protects them and the students they serve.

Title
Time Management

Learning Outcome
Students will create plans to utilize their time by identifying and engaging struggling students.

BIO 130 - Biology

Course Information

Teaching Area (new)
BIO

Course Number
130

Teaching Area
BIO

Course Title
Biology

Course Description
General biology course with laboratory for biology majors. Introduction to disciplines in the life sciences including methods for scientific inquiry, biochemical dynamics, cell structure and function, evolutionary theory, bioenergetics, and ecological interactions.

Department
Biology

When Taught
Fall; Winter.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Note
For Permission to Add codes please email biosecretary@byu.edu Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Learning Outcomes

Title
Scientific Process Skills

Tags
200973, 2

Learning Outcome
Students will demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process.

Title
Scientific Discovery

Tags
200974, 3

Learning Outcome
Students will appreciate the excitement of discovery that has accompanied important scientific developments.

Title
Scientific Applicability

Tags
200975, 4

Learning Outcome
Students will demonstrate how scientific methodology can be used to analyze real-world science-related problems.

Title
Data Evaluation

Tags
200976, 5

Learning Outcome
Students will be able to evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community.

Title
Scientific Expression

Tags
200977, 6

Learning Outcome
Students will be able to express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data.

Title
Science and Religion

Tags
200978, 7

Learning Outcome
Students will be able to reflect rationally upon the interface between science and religion.

Title
Scientific Reasoning

Tags
200979, 8

Learning Outcome
Students will demonstrate sound scientific reasoning ability.

Title
Scientific Literacy

Tags
201386, 1

Learning Outcome
Students will demonstrate basic literacy in the language of science and an understanding of the foundational theories of biology (i.e., be able to formulate appropriate hypotheses and predictions to test specific biological phenomena and use appropriate vocabulary to do so)
o Atomic Molecular Theory
o Cell Theory
o Theories of Photosynthesis, Fermentation, and Cellular Respiration
o Cell Division and Meiotic Theories
o Chromosomal and Mendelian Theories of Inheritance
o Watson and Crick's Theory of DNA Structure and Replication
o Protein Synthesis Theory
o Darwin's Theory of Natural Selection
o Hardy-Weinberg Theory
o Ecosystem Theory
o Population Growth Theory
o Competitive Exclusion and Behavioral Theory

BIO 160 - Artificial Intelligence in Medicine

Course Information

Course Number
160

Teaching Area
BIO

Course Title
Artificial Intelligence in Medicine

Course Description
Artificial Intelligence (AI) has become a major driver of medical advances, improving diagnosis, treatment and therapeutics. Future health-care professionals must be familiar with the goals, methods and limitations of AI and machine learning. This course examines how these techniques can drive innovation and improve medical care.

Department
Biology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify medical applications of AI

Learning Outcome
Students will be able to identify AI and machine learning of many varieties in current medical practice and medical research.

Title
Evaluate Potential

Learning Outcome
Students will evaluate emerging uses of machine learning in medicine by assessing potential limitations and sources of bias. Students will be able to contrast various metrics of accuracy and critique how a deficiency in an aspect of accuracy might impact the practical utility and broad application of an AI method.

Title
AI and Agency

Learning Outcome
Students will be able to defend appropriate uses of AI in their life, in a way that preserves agency and personal responsibility for learning and growth. (Elder Bednar - Things as they really are 2.0)

Title
Creativity

Learning Outcome
Students will propose new medical AI technology. They will defend the utility and define the scope of their proposed method with a clear training goal, and the proposed AI methodology that they believe can achieve their goal. They will demonstrate the feasibility of their approach by citing currently available datasets and/or methods to create new datasets of sufficient size and complexity to achieve the training goal.

BIO 165 - Introduction to Bioinformatics

Course Information

Teaching Area (new)
BIO

Course Number
165

Teaching Area
BIO

Course Title
Introduction to Bioinformatics

Course Description
This course introduces the field of bioinformatics at an introductory level. Students learn about the field and gain experience with computer programming at a level that provides a foundation for future learning.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
BIO 100 or BIO 130 or CELL 120 or MMBIO 121 or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Python programming

Tags
201379, 0, 1

Learning Outcome
Students will be able to design and implement Python programs that parse, validate, transform, and summarize biological data from several file formats (e.g., FASTA/FASTQ, VCF, GFF/GTF, etc.), producing outputs that conform to a given schema.

Title
Applications within biology

Tags
201378, 0, 2

Learning Outcome
Students will be able to communicate how computational methods transform biological data into findings across various domains.

Title
Spiritually strengthening

Tags
210564, 0, 3

Learning Outcome
Students will be able to recognize and articulate Christlike attributes demonstrated by their peers during collaborative work, explain how these attributes contribute to collective learning, and reflect on their own character development by identifying personal strengths and areas for growth.

Title
Character building

Learning Outcome
Students will be able to leverage technology, including emerging tools such as artificial intelligence, to enhance the efficiency and effectiveness of their learning and work. When applying technology to academic or professional tasks, students will demonstrate discernment by upholding ethical standards and academic integrity.

BIO 166 - Bioinformatics Skills: Workflows

Course Information

Course Number
166

Teaching Area
BIO

Course Title
Bioinformatics Skills: Workflows

Course Description
Students will learn concepts and skills related to operating systems generally, the Linux operating system, and using computational workflows to execute bioinformatics software.

Department
Biology

When Taught
Winter Term 1

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

BIO 165

Type
Prerequisite

Complete ALL of the following Courses:
- BIO 165 - Introduction to Bioinformatics

Learning Outcomes

Title
Linux skills

Learning Outcome
Students will be able to effectively use Linux tools to query, navigate, and manipulate biological data in text files.

Title
Software depencencies

Learning Outcome
Students will be able to execute existing bioinformatics tools at the command line and ensure that library dependencies are available.

Title
Computational workflows

Learning Outcome
Students will be able to construct and execute multi-threaded bioinformatics workflows in a high-performance computing environment.

Title
Interpersonal skills

Learning Outcome
Students will practice Christ-like collaboration through paired programming assignments.

BIO 194 - Introduction to Mentored Research

Course Information

Teaching Area (new)
BIO

Course Number
194

Teaching Area
BIO

Course Title
Introduction to Mentored Research

Course Description
Introduction to mentored research experiences under faculty supervision.

Department
Biology

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

BIO 220 - Biological Diversity: Animals

Course Information

Teaching Area (new)
BIO

Course Number
220

Teaching Area
BIO

Course Title
Biological Diversity: Animals

Course Description
Comparative organization and evolutionary significance of morphological, physiological, reproductive, and ecological differences in invertebrates and vertebrates. Laboratory included.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology

OR

Prerequisites

Complete ALL of the following Courses:
- BIO 130 - Biology

OR

Prerequisites

Complete ALL of the following Courses:
- MMBIO 121 - General Biology: Health and Disease

Learning Outcomes

Title
Clade Animalia Evolution

Tags
201007, 1

Learning Outcome
Students will be able to discuss the broad patterns of the evolution of the clade Animalia, emphasizing the relationships among major sub-clades (phyla), the unique biological attributes that define these clades, and the novel changes in morphology over major transitions (unicellular to multicellular; acoelomate to pseudocoelomate to coelomate body plans, bilaterial vs radial symmetry, origins of exoskeletons, gill slits, notochord, crania & vertebral columns, etc.).

Title
Phylogenetic Systematics

Tags
201008, 2

Learning Outcome
Students will develop the skills necessary to understand the terminology of phylogenetic systematics and methods used to recover the "tree of life", the logic behind the hierarchy (i.e., the only possible outcome of the process of "descent with modification"), and critically apply evolutionary reasoning, including the use of phylogeny and tree-thinking, to formulate and test hypotheses that explain biological diversity.

Title
Intellectual Tools

Tags
201009, 3

Learning Outcome
Students will have the intellectual tools to continue to explore related topics with confidence and understanding throughout their lives, and a deeper appreciation for the diversity of life on earth.

BIO 230 - Biological Diversity: Plants

Course Information

Teaching Area (new)
BIO

Course Number
230

Teaching Area
BIO

Course Title
Biological Diversity: Plants

Course Description
Comparative organization and evolutionary significance of morphological, physiological, reproductive, and ecological differences in fungi, algae, and principal groups of land plants. Laboratory included.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CELL 120 - Science of Biology

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 130 - Biology

OR

Prerequisites

Complete ALL of the following Courses:

- MMBIO 121 - General Biology: Health and Disease

Learning Outcomes

Title
Discuss Connections

Tags
208243, 0, 1

Learning Outcome
Students will be able to discuss similarities, differences, and evolutionary connections between cyanobacteria, algae, bryophytes, non-seed vascular plants, gymnosperms, flowering plants, and fungi with respect to their lifecycles, characteristic morphologies, and biological roles

Title
Evolutionary Logic

Tags
208244, 0, 2

Learning Outcome
Students will develop the skills necessary to understand and critically apply evolutionary logic, including the use of phylogeny and tree-thinking to formulate and test hypotheses that explain biological diversity.

Title
Explore Related Topics

Tags
208245, 0, 3

Learning Outcome
Students will be able to continue to explore related topics with confidence and understanding throughout their lives.

BIO 235 - Field Botany

Course Information

Teaching Area (new)
BIO

Course Number
235

Teaching Area
BIO

Course Title
Field Botany

Course Description
Recognition, characteristics, and uses of common trees and shrubs.

Department
Biology

When Taught
Fall Term 1, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge of Plant Biology

Tags
201013, 0, 1

Learning Outcome
Demonstrate a mastery of plant morphology and associated terminology by successfully using a taxonomic key to identify native and cultivated trees and shrubs.

Title
Taxonomic Identification

Tags
201014, 0, 2

Learning Outcome
Use the most recent scientific and common names to correctly identify approximately 200 different plant species using distinguishing characteristics both in the field and with collected specimens.

Title
Build a Natural History Collection

Tags
201015, 0, 3

Learning Outcome
Build and document a botanical natural history collection by collecting and preparing a scientifically useful plant specimen with the necessary label information.

BIO 242 - Curation of Biodiversity Collections

Course Information

Course Number
242

Teaching Area
BIO

Course Title
Curation of Biodiversity Collections

Course Description
Rationale, methods, and standards of curation for organismal specimens across the tree of life with an emphasis on physical preservation, responsible specimen use & loans, database standards, and digitization methods for electronic dissemination of specimen data.

Department
Biology

When Taught
Winter Term 1

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Role of Biodiversity

Learning Outcome
Students will be able to articulate the relevance of biodiversity collections in specimen-based research and species conservation.

Title
Responsibilities and Methodologies

Learning Outcome
Students will develop skills pertaining to responsibilities and methodologies used in contemporary specimen curation and data management.

Title
Data Management

Learning Outcome
Students will gain experience with data standards and databases used for specimen data and biodiversity collection management.

Title
Comparisons

Learning Outcome
Students will be able to discuss diverse methodologies for specimen curation required across multiple organismal groups, based on inherent differences in organisms.

Title
Career Preparation

Learning Outcome
Students will prepare a CV demonstrating knowledge of common skills desired of curators/collection managers of natural history collections.

Title
Life-long Learning

Learning Outcome
Students will gain foundational knowledge that can enhance their passion and commitment to stewardship of earth's natural resources.

BIO 250 - Evolutionary Medicine

Course Information

Teaching Area (new)
BIO

Course Number
250

Teaching Area
BIO

Course Title
Evolutionary Medicine

Course Description
Evolutionary medicine is the field of study of how Darwinian principles can be applied to understand problems in medicine and public health. Students will learn foundational principles of evolution including genetic processes of adaptation and genetic drift, the origin of life, and the hominin fossil record. With this foundational understanding, students will explore modern examples of evolution and human health problems.

Department
Biology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- BIO 130 - Biology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology

OR

Prerequisites

Complete ALL of the following Courses:

- MMBIO 121 - General Biology: Health and Disease

BIO 264 - Statistical Analysis for Biologists

Course Information

Teaching Area (new)
BIO

Course Number
264

Teaching Area
BIO

Course Title
Statistical Analysis for Biologists

Course Description
Students will learn concepts and applications of statistics and their specific application to research questions spanning diverse subfields of biology. Students will perform these analyses using the R statistical software.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- BIO 130 - Biology
  OR CELL 120 - Science of Biology
  OR MMBIO 121 - General Biology: Health and Disease

Note
Preference will be given to students in the Biology, Biodiversity & Conservation, and Bioinformatics majors.

Learning Outcomes

Title
Statistical Programming

Learning Outcome
Students will be able to write computer code at an intermediate level using statistical software.

Title
Statistical Analyses

Learning Outcome
Students will be able to identify appropriate statistical tests for a diverse range of biological data types, perform those statistical tests, and draw appropriate conclusions from the outputs.

Title
Machine Learning

Learning Outcome
Students will be able to apply basic machine-learning techniques to biological data and draw appropriate conclusions from the outputs.

Title
Visualization

Learning Outcome
Students will be able to prepare publication-quality graphics.

Title
Research Design

Learning Outcome
Students will be able to design a well-powered (in a statistical sense) research experiment.

BIO 276 - Exploration of Teaching in Biological Sciences

Course Information

Teaching Area (new)
BIO

Course Number
276

Teaching Area
BIO

Course Title
Exploration of Teaching in Biological Sciences

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals
  AND BIO 230 - Biological Diversity: Plants
  AND CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Other Prerequisites
major GPA of 2.85 or higher, FBI fingerprint and background clearance; previous application required

Learning Outcomes

Title
Lesson Development

Tags
201216, 1

Learning Outcome
Design and develop simple lessons containing the essential components; objectives, procedures, and evaluation.

Title
Effective Teaching and Planning

Tags
201252, 2

Learning Outcome
Model both effecive teaching and lesson planning by teaching lessons that exhibit your abilities to use inquiry-based lessons and demonstrate both the hierarchy of learning and strategies for teaching students with diverse learning styles.

Title
Effective Teacher Characteristics

Tags
201271, 1

Learning Outcome
Identify and demonstrate the characteristics of effective teachers.

BIO 310 - Comparative Animal Physiology

Course Information

Teaching Area (new)
BIO

Course Number
310

Teaching Area
BIO

Course Title
Comparative Animal Physiology

Course Description
We will compare different animals' anatomical and physiological solutions to organismal needs (e.g., energy metabolism, sensory processes, reproduction, etc.) considering their different environments and evolutionary pressures.

Department
Biology

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- BIO 130 - Biology

Learning Outcomes

Title
Compare and contrast species

Learning Outcome
Students will be able to compare and contrast the physiology of a wide variety of animal species and make inferences about their evolutionary relatedness.

Title
Relate structure to function

Learning Outcome
Students will be able to relate the structure of tissues, organs, and organ systems to their functions.

Title
Apply foundational principles

Learning Outcome
Students will be able to apply foundational principles of cellular biology and biochemistry from introductory biology to new contexts in animal physiology and identify emergent properties that arise from physiological systems.

Title
Propose hypotheses

Learning Outcome
Students will be able to popose hypotheses to explain physiological phenomena and draw conclusions from primary data.

Title
Predict changes

Learning Outcome
Students will be able to predict both short-term and long-term changes in animal physiology due to changing environments.

BIO 316 - Advanced Scientific Writing and Communication

Course Information

Teaching Area (new)
BIO

Course Number
316

Teaching Area
BIO

Course Title
Advanced Scientific Writing and Communication

Course Description
The effective process of written, oral, and visual scientific communication and development of communication skills for scientific and professional audiences. Employment of appropriate research tools and processes in identifying and evaluating sources, and following professional conventions in written and oral communication.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- WRTG 150 - Writing and Rhetoric

Note
This course is designed for students in Biology majors who have participated in mentored research and have data that can be written about. Some students collected the data previously; other students are provided the data by their mentors. If given data by a mentor, a student could be concurrently enrolled in mentored research or they could have just started working in a lab. Data could also be from a past internship. The pre-requisite is having access to data (with some results) and a scientific mentor.

BIO 350 - Ecology

Course Information

Teaching Area (new)
BIO

Course Number
350

Teaching Area
BIO

Course Title
Ecology

Course Description
Distribution and abundance of organisms and their interactions with the physical and biotic components of the earth.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 130 - Biology

OR

Prerequisites

Complete ALL of the following Courses:

- MMBIO 121 - General Biology: Health and Disease

Learning Outcomes

Title
Environmental Stewardship

Tags
201021, 4

Learning Outcome

Foster and promote environmental stewardship within your realm of influence and your community.

Title
Organizational Processes

Tags
201019, 0, 2

Learning Outcome

Predict impacts on organization of the biotic world due to changes in energetics in the ecosystem, population dynamics, and species interactions.

Title
Writing

Tags
201020, 0, 3

Learning Outcome

Use writing as a way of synthesizing and solidifying critical thought.

Title
Human Well-Being

Tags
201022, 0, 5

Learning Outcome

Draw connections between ecology and issues regarding human well-being

Title
Physical Processes

Tags
201018, 0, 1

Learning Outcome

Use an understanding of the major physical processes that form and characterize the biosphere, including global scale energy flow, the carbon cycle, climate, and soil formation, to solve ecological problems.

Title
Ecology Connectivity

Tags
201023, 0, 6

Learning Outcome

Connect ecology to other fields of study

Title
Conservation

Tags
209894, 0, 7

Learning Outcome

Communicate the reality of consequences of human activities, including climate change and the Holocene mass extinction.

BIO 362 - Computational Cancer Biology

Course Information

Teaching Area (new)
BIO

Course Number
362

Teaching Area
BIO

Course Title
Computational Cancer Biology

Course Description
Examine the altered cellular phenotypes of cancer through a computational exploration of molecular and clinical data, comparing and contrasting different cancer types.

Department
Biology

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 130 - Biology
  AND BIO 264 - Statistical Analysis for Biologists

Note
If students have taken other course(s) that involved computer programming and statistics but have not completed BIO 264, they should contact the instructor to evaluate whether they are prepared to take the course.

Learning Outcomes

Title
Evaluate phenotypic impact

Tags
213157, 0, 1, 2023-08-15 10:43:03

Learning Outcome
Students will be able to evaluate phenotypic impact of genetic mutations in cancer.

Title
Compare and contrast multi-omics data

Tags
213158, 0, 2, 2023-08-15 10:43:03

Learning Outcome
Students will be able to compare and contrast the value and appropriate uses for multi-omics data.

Title
Self-directed learning

Tags
213159, 0, 3, 2023-08-15 10:43:03

Learning Outcome
Students will be able to discuss, analyze and evaluate original scientific research on cancer. From these resources they will be able to generate their own hypotheses and questions, gather data, and evaluate their hypotheses.

Title
FAIR research practices

Tags
213160, 0, 4, 2023-08-15 10:43:03

Learning Outcome
Students will be able to plan and conduct reproducible and transparent research.

BIO 364 - Bioinformatics Algorithms

Course Information

Teaching Area (new)
BIO

Course Number
364

Teaching Area
BIO

Course Title
Bioinformatics Algorithms

Course Description
In this course, students learn theory and concepts of bioinformatics algorithms that are used in the field. They gain experience implementing these algorithms and applying them. These algorithms are used in diverse biological disciplines, including genome assembly, phylogenetics, multiple sequence alignment, next-generation sequencing read mapping, gene-expression analysis, and mass-spectrometry analysis.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND MMBIO 240 - Molecular Biology

BIO 368 - (Bio-MMBio-PWS) Genomics

Course Information

Teaching Area (new)
BIO

Course Number
368

Teaching Area
BIO

Course Title
(Bio-MMBio-PWS) Genomics

Course Description
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND PWS 340 - Genetics

Learning Outcomes

Title
Identify genomic techniques

Tags
213376, 0, 1, 2023-08-28 14:04:20

Learning Outcome
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are.

Title
Genomic Experiments

Tags
213377, 0, 2, 2023-08-28 14:04:23

Learning Outcome
Students will complete a series of exercises with data representing genomic experiments (analysis and interpret).

Title
Genome Sequences

Tags
213378, 0, 3, 2023-08-28 14:04:25

Learning Outcome
Students will describe how genomes are sequenced.

Title
Evaluate emerging technologies

Tags
213379, 0, 4, 2023-08-28 14:04:26

Learning Outcome
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based.

Title
Genomic Features

Learning Outcome
Students will understand techniques and concepts to assess genomic features such as methylation, gene expression, etc.

Title
Communicate effectively

Learning Outcome
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms.

BIO 370 - Bioethics

Course Information

Teaching Area (new)
BIO

Course Number
370

Teaching Area
BIO

Course Title
Bioethics

Course Description
In-depth lecture and small group discussion of varied bioethical issues. LDS Church positions emphasized when appropriate.

Department
Biology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
Introductory biology course

Learning Outcomes

Title
Philosophical Underpinnings of Bioethics and Bioethical Issues

Tags
200980, 1

Learning Outcome
Students will understand the ethical and philosophical underpinnings of bioethics and to develop ethical intuitions on bioethical issues.

Title
Terminology, Vocabulary, and Objectives

Tags
200981, 2

Learning Outcome
Students will learn the terminology, vocabulary, and objectives of bioethics.

Title
Bioethical Decisions

Tags
200982, 3

Learning Outcome
Students will understand the tools and approaches needed to make a bioethical decision and to communicate that decision in rationally informed way

Title
Bioethical Primary Literature

Tags
200983, 4

Learning Outcome
Students will understand the bioethical primary literature, to understand how to read case studies, and familiarity with the major issues being discussed in bioethics today.

BIO 375 - Plant Development and Morphology

Course Information

Teaching Area (new)
BIO

Course Number
375

Teaching Area
BIO

Course Title
Plant Development and Morphology

Course Description
Principles of development and morphology as applied to flowering plants from the seed to flowering

Department
Biology

When Taught
Fall Odd Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

No selection provided

Recommended
Bio 230

Learning Outcomes

Title
Basic Understanding of Plant Morphology

Tags
201294, 1

Learning Outcome
Students will be able to analyze and describe modifications associated with plant adaptations and identify homologies underlying convergent organs using the principles of plant morphology.

Title
Evaluate Primary Literature

Tags
201295, 2

Learning Outcome
Students will be able to read and critically evaluate the conclusions from primary scientific literature on plant development and morphology.

Title
Morphological changes over time

Tags
201296, 3

Learning Outcome
Students will be able to apply morphological principles by documenting morphological change over the entire life cycle of an annual plant.

Title
Appreciating plant diversity

Learning Outcome
Students will gain an appreciation for the diversity of plant form and function and their contribution to both human flourishing and natural ecosystems.

BIO 377 - Teaching Methods and Instruction in Biology

Course Information

Teaching Area (new)
BIO

Course Number
377

Teaching Area
BIO

Course Title
Teaching Methods and Instruction in Biology

Course Description
Developing meaningful and engaging instruction for secondary students in biological sciences; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- BIO 276 - Exploration of Teaching in Biological Sciences

Other Prerequisites
concurrent enrollment in Bio 378, 379, Sc Ed 380; major GPA of 2.85 or higher.

Learning Outcomes

Title
Learning Theories

Tags
201217, 1

Learning Outcome
Students will demonstrate an understanding of key learning theories by explaining how students learn.

Title
Lesson Development

Tags
201237, 3

Learning Outcome
Students will develop effective unit and lesson plans to promote science learning.

Title
Pedagogical Practices

Tags
201243, 1

Learning Outcome
Students will demonstrate proper pedagogical practices in a biological teaching setting.

BIO 378 - Practicum in Biology Teaching

Course Information

Teaching Area (new)
BIO

Course Number
378

Teaching Area
BIO

Course Title
Practicum in Biology Teaching

Course Description
Implementing meaningful and engaging instruction for secondary students in biology; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Concurrent enrollment in Bio 377, 379, Sc Ed 380.

Learning Outcomes

Title
Best Teaching Practices

Tags
201210, 1

Learning Outcome
Students will be able to identify best practices in teaching.

Title
Mentoring Involvement

Tags
201225, 1

Learning Outcome
Students will show active involvement with mentor teacher in creating and teaching lessons, grading papers, or any other classroom work.

Title
Teaching Practices

Tags
201233, 2

Learning Outcome
Students will be able to identify practices that they can incorporate into their own teaching.

BIO 379 - Classroom Management and Laboratory Safety

Course Information

Teaching Area (new)
BIO

Course Number
379

Teaching Area
BIO

Course Title
Classroom Management and Laboratory Safety

Course Description
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.

Department
Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Bio 377, 378, Sc Ed 380

Learning Outcomes

Title
Optimal Learning Environment

Tags
201244, 1

Learning Outcome
Students will integrate current theory, research, and application in classroom management to create an optimal learning environment.

Title
Laboratory Safety

Tags
201253, 2

Learning Outcome
Students will demonstrate an understanding of proper laboratory safety protocols.

Title
Classroom Management

Tags
201269, 1

Learning Outcome
Students will demonstrate appropriate and effective classroom management strategies.

BIO 392R - Preveterinary Preceptorship

Course Information

Teaching Area (new)
BIO

Course Number
392R

Teaching Area
BIO

Course Title
Preveterinary Preceptorship

Course Description
Supervised on-the-job exposure to veterinary medicine under a clinical setting, supplemented with academic assignments.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
5

Learning Outcomes

Title
Preceptorship Skill Mastery

Tags
201073, 1

Learning Outcome
Skills student should master during the preveterinary medicine preceptorship experience:Husbandry: feeding, sanitation, handling, breed recognitionRestraint of animals for examination, treatment and radiographyLogging medical data and recording information in patient chartsGrooming for medical reasonsObserve and recognize normal and abnormal body functions and vital signsConcepts of animal welfare and humane treatment of animalsIntroduce methods and explain necessity of animal population controlObtain knowledge of and competency with routine preventive medicine including vaccination protocols, parasite identification-treatment-prevention, routine physical examination, geriatric health care

Title
Activity Observation and Participation

Tags
201074, 2

Learning Outcome
The student should observe and participate in these activities:Client-doctor relations and dialogue; demonstration of veterinary ethics and integrity; diagnostic thought process and rationalePatent examination; administration of medication and therapy; collection of body fluids and specimensMedical record information entryClinical diagnostic laboratory techniquesDeveloping and interpreting radiographsSurgical suite protocols:preparation of instrument packs, drapes, surgical gownsaseptic techniqueanesthesia administration and monitoringsurgical preparation of patientsurgery protocols and surgical assistanceintensive and post-operative nursing careEuthanasia

Title
Hospital Areas

Tags
201075, 3

Learning Outcome
Areas of hospital student should receive exposure to:Kennel and quarantine wardsTreatment areasSurgery and examination roomsOffice proceduresTelephone etiquetteLaboratory and pharmacyLibrary search and literature review of clinical case information and current treatments based on veterinary research

BIO 399R - Academic Internship

Course Information

Teaching Area (new)
BIO

Course Number
399R

Teaching Area
BIO

Course Title
Academic Internship

Course Description
This course provides credit for students engaged in internship opportunities within the university or with research or industry groups outside of the university. Students will gain practical skills through mentored experiences in authentic environments.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Mentor's consent or verified external internship

Note
An APPROVED Internship Application is required before adding.

BIO 410 - Conservation Biology

Course Information

Course Number
410

Teaching Area
BIO

Course Title
Conservation Biology

Course Description
This course will explore key biological frameworks, including the history of conservation biology, patterns of biodiversity, causes of extinction and population decline, methods for population restoration, conservation genetics, and the role of conservation in sustaining ecosystem services. We will also study the human aspects of conservation, covering topics such as values and ethics in conservation, conservation economics and sustainable development.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- BIO 350 - Ecology

Learning Outcomes

Title
Evaluation

Learning Outcome
Students will be able to evaluate the key factors that have shaped the historical development of conservation and the fundamental scientific principles underlying it.

Title
Integration

Learning Outcome
Students will be able to integrate the ecological and evolutionary processes that are vital for effective biodiversity conservation.

Title
Conservation and Management Strategies

Learning Outcome
Students will be able to analyze case studies and propose actionable solutions by applying knowledge of key conservation strategies to preserve biodiversity.

Title
Theories and Methods

Learning Outcome
Students will be able to describe the scientific process in the context of conservation biology, emphasizing the importance of theories and the methods used to test hypotheses.

Title
Interdisciplinarity

Learning Outcome
Students will be able to articulate how the biological, social sciences, and humanities intersect and influence conservation programs and initiatives.

Title
Stewardship

Learning Outcome
Students will be able to embrace their spiritual responsibility of stewardship, fostering a commitment to care for the Earth for future generations.

BIO 420 - Evolutionary Biology

Course Information

Teaching Area (new)
BIO

Course Number
420

Teaching Area
BIO

Course Title
Evolutionary Biology

Course Description
Intensive examination of evolution as the conceptual cornerstone of biology.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 340 - Genetics

Other Prerequisites
BIO 350

Recommended
BIO 220 or BIO 230 and BIO 350

Learning Outcomes

Title
History and Development

Tags
200984, 1

Learning Outcome
Students will be able to describe the history and development of evolutionary thought.

Title
Evidence for Evolution

Tags
200985, 2

Learning Outcome
Students will be able to list and describe the evidence for evolution and its required corollaries.

Title
Processes of Evolution

Tags
200986, 3

Learning Outcome
Students will be able to describe the mechanisms by which evolution occurs. Provide detailed explanations of the the processes of evolution by mutation, migration, genetic drift, non-random mating, and natural selection.

Title
Adaptation

Tags
200987, 4

Learning Outcome
Students will be able to explain adaptation, providing examples from several different fields of biology (e.g., cell biology, physiology, conservation biology, bioinformatics, medicine, behavior, etc.).

Title
Life on Earth

Tags
200988, 5

Learning Outcome
Students will be able to describe the history of life on earth. Identify major evolutionary transitions over time, and explain the tools and evidence that support current hypotheses of the history of life.

BIO 430 - Plant Classification and Identification

Course Information

Teaching Area (new)
BIO

Course Number
430

Teaching Area
BIO

Course Title
Plant Classification and Identification

Course Description
Principles of plant systematics, taxonomy, and classification, emphasizing family recognition by sight, terminology, and use of identification keys to the temperate flora.

Department
Biology

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 230 - Biological Diversity: Plants

Other Prerequisites
or instructor's consent

Learning Outcomes

Title
Sight Identification

Tags
208249, 0, 1

Learning Outcome
Students will identify by sight 43 families of flower plants, five families of gymnosperms, and several families of fern allies by recognizing differentiating features for each family.

Title
Vocabulary

Tags
208246, 0, 2

Learning Outcome
Students will apply correct vocabulary for describing plant parts and be able to deduce the meaning of new terms based on knowledge of common roots, prefixes, and suffixes.

Title
Key Use

Tags
210880, 0, 3

Learning Outcome
Students will use keys and manuals to correctly identify unknown plants to species, demonstrating understanding of the primary features essential for identification within major plant groups, and how keys work.

Title
Modern Systematics

Tags
208248, 0, 5

Learning Outcome
Students will articulate the significance of monophyly in the creation of modern classification systems.

Title
Taxonomic Tools

Tags
210881, 0, 4

Learning Outcome
Students will demonstrate proficiencey with online databases and herbarium resources to research plant names, authorship, dates of publication, distributions, and other essential taxonomic information.

Title
Links to Other Biological Fields

Tags
208250, 0, 6

Learning Outcome
Students will be able to discsss the relevance and linkages between plant systematics and biological fields such as conservation biology, ecology, evolution, and other comparative sciences.

BIO 441 - Entomology

Course Information

Teaching Area (new)
BIO

Course Number
441

Teaching Area
BIO

Course Title
Entomology

Course Description
External morphology, natural history, evolution, distribution, and phylogeny of insects. Insect collection required.

Department
Biology

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
Bio 220 or equivalent.

Learning Outcomes

Title
Application of Basic Principles

Learning Outcome
Students will be able to describe basic principles of insect morphology and their major innovations in the context of insect systematics and apply these principles to insect diversity.

Title
Read, Manipulate, Draw, and Explain Phylogenies

Learning Outcome
Students will be able to outline current hypotheses of insect phylogeny at the ordinal level, synapomorphies that support them, and explain the data for newly proposed hypotheses.

Title
Key-based Identification

Learning Outcome
Using identification keys, students will be able to identify morphological features of both internal and external body structures to successfully “key out” insects at the ordinal and family level.

Title
Visual Identification

Learning Outcome
Students will be able to identify common insect orders and families by memory through visual inspection.

Title
Wonder, Perspective, and Appreciation

Learning Outcome
Students will be able to articulate their perspectives on the beauty, diversity, and complexity of insects and their places in the natural world.

Title
Creation and Diversity

Learning Outcome
Student will also be able to tell the story as to why God may have an inordinate fondness for insects, and how this story relates to their own view of creation.

Title
Functional Relationships

Learning Outcome
Students will be able to apply standard methodologies to collect specimens, record life history traits in specific variable habitats, and contextualize their place as major players in diverse ecosystems around the world.

Title
Collection and Curation

Learning Outcome
Students will create a large, professional curated insect collection drawn from insects they collect, pin, label, and organize.

BIO 443 - Ichthyology

Course Information

Teaching Area (new)
BIO

Course Number
443

Teaching Area
BIO

Course Title
Ichthyology

Course Description
Fish systematics, evolution, morphology, distribution, and natural history.

Department
Biology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals

Learning Outcomes

Title
Respiration

Tags
201041, 1

Learning Outcome
Students will have a general understanding of fish respiration.

Title
Body Structure

Tags
201042, 2

Learning Outcome
Students will have a general understanding of fish body structure.

Title
Food Processing

Tags
201043, 3

Learning Outcome
Students will have a general understanding of fish food processing.

Title
Behavior and Communication

Tags
201044, 4

Learning Outcome
Students will have a general understanding of fish behavior and communication.

BIO 445 - Herpetology

Course Information

Teaching Area (new)
BIO

Course Number
445

Teaching Area
BIO

Course Title
Herpetology

Course Description
Reptile and amphibian evolution, systematics, morphology, distribution, and natural history. Lab emphasizes taxonomy, classification, and distribution of western U.S. species.

Department
Biology

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals

Learning Outcomes

Title
Museum Curation

Tags
201045, 0, 1

Learning Outcome
Develop and maintain a biological museum collection, as well as defend their utility in modern day science.

Title
Scientific Literature

Tags
201046, 0, 2

Learning Outcome
Research, synthesize, and present arguments from current scientific literature.

Title
Specimen Observation

Tags
201047, 0, 3

Learning Outcome
Use scientific keys and multiple digital tools to identify and record observations of biological specimens in the field.

Title
Species Identification

Tags
201048, 0, 4

Learning Outcome
Identify all Utah herps to species, common U.S. herps to Genus, and herps worldwide to Family.

Title
Species Conservation

Tags
201049, 0, 5

Learning Outcome
Design conservation solutions for the major issues threatening reptile and amphibian groups at all taxonomic levels.

BIO 447 - Mammalogy

Course Information

Teaching Area (new)
BIO

Course Number
447

Teaching Area
BIO

Course Title
Mammalogy

Course Description
Mammalian diversity, evolution, distribution, and natural history. Two three-day field trips required.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals

OR

Prerequisites

Complete ALL of the following Courses:

- PWS 344 - Natural History of Wildlife

Learning Outcomes

Title
Utah Mammals

Tags
201062, 1

Learning Outcome
Be able to recognize the more common species of Utah mammals based on external and skull features

Title
Identify Mammal Orders

Tags
201063, 2

Learning Outcome
Be able to recognize and identify most orders of mammals based on features of the skull

Title
Evolutionary History

Tags
201064, 3

Learning Outcome
Understand the evolutionary history of mammals and the modern diversity of mammalian orders

Title
Original Scientific Literature

Tags
201065, 4

Learning Outcome
Enhance skills directed toward understanding and interpreting original scientific literature dealing with mammalian biology

BIO 450 - Capstone in Biodiversity and Conservation

Course Information

Teaching Area (new)
BIO

Course Number
450

Teaching Area
BIO

Course Title
Capstone in Biodiversity and Conservation

Course Description
Students will apply principles of biodiversity and conservation to complete a complex project that integrates their disciplinary understanding to address a broad issue in conservation or biodiversity research. This culminating experience will allow students to create a project that will facilitate their transition into a post baccalaureate environment.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals
  AND BIO 350 - Ecology

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 230 - Biological Diversity: Plants
  AND BIO 350 - Ecology

Recommended

ENGL 316; ENGL 316

Learning Outcomes

Title
Conservation in Ecological Processes

Tags
200994, 1

Learning Outcome
Apply an understanding of ecological processes to conservation of populations, species, and ecosystems.

Title
Environmental Stewardship

Tags
200995, 2

Learning Outcome
Foster and promote environmental stewardship within your realm of influence and your community.

Title
Scientific Method and Analytical Thinking

Tags
200996, 3

Learning Outcome
Demonstrate the ability to apply the scientific method and analytical thinking to ecological and conservation issues.

Title
Synthesizing Literature for Conservation Biology

Tags
200997, 4

Learning Outcome
Demonstrate the ability to synthesize literature relevant to a topic in conservation biology

Title
Scientific Term Paper

Tags
200998, 5

Learning Outcome
Demonstrate the ability to write a scientific term paper

BIO 452 - Marine Biology

Course Information

Teaching Area (new)
BIO

Course Number
452

Teaching Area
BIO

Course Title
Marine Biology

Course Description
Principles of physical and biological oceanography, biodiversity, and ecology of numerous ocean habitats.

Department
Biology

When Taught
Winter Even Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- BIO 350 - Ecology

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 230 - Biological Diversity: Plants

Learning Outcomes

Title
Marine Life Identification

Tags
209783, 0, 2

Learning Outcome
Students will be able to identify major groups of organisms that live in the oceans by analyzing their biology, ecology and adaptations for life in the oceans.

Title
Solve Complex Problems

Tags
209782, 0, 1

Learning Outcome
Students will be able to use a knowledge of the physical, chemical, and biological processes central to life in the oceans to solve complex problems facing marine ecosystems.

Title
Foster Environmental Stewardship

Tags
209784, 0, 3

Learning Outcome
Students will be able to foster and promote environmental stewardship through defending the role that humans play in determining the health of the oceans and the life they contain.

Title
Critical Thinking and Writing

Tags
209785, 0, 4

Learning Outcome
Students will be able to think and write critically as a way of synthesizing scientific information.

BIO 455 - Plant Ecology

Course Information

Teaching Area (new)
BIO

Course Number
455

Teaching Area
BIO

Course Title
Plant Ecology

Course Description
Fundamental principles governing interactions among plants and their environments with respect to their success. Students will be able to apply their knowledge to land management, conservation and agriculture.

Department
Biology

When Taught
Winter Even Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 230 - Biological Diversity: Plants
  AND BIO 350 - Ecology

Learning Outcomes

Title
Physiological Ecology of Plants

Tags
201371, 1

Learning Outcome
Students will demonstrate mastery of topics including plant water relations, photosynthesis, energy balance, nutrient uptake strategies, cold tolerance, ecotypic differentiation as they relate to important processes including seed germination, competition, allelopathy, herbivory, symbioses, etc.

Title
Population biology of plants

Tags
201372, 2

Learning Outcome
Students will apply principles of self-thinning, reproduction, female investment, intraspecific competition to explain population regulation in plants.

Title
Community ecology

Tags
201373, 3

Learning Outcome
Students will apply principles of symbiotic nutrient uptake strategies, other symbioses, pollination, inter-specific competition, herbivory, succession to describe community assembly and regulation in plant communities.

Title
Global change biology

Tags
201374, 4

Learning Outcome
Students will apply principles of physics and chemistry to explain the underlying theory of climate change. They will also describe the interactions between plant ecology and climate change.

Title
Agricultural ecology

Tags
201375, 5

Learning Outcome
Students will apply principles of nutrient fluxes, carbon cycling, and energy use to illustrate the ecology of food production.

BIO 463 - Genetics of Human Disease

Course Information

Teaching Area (new)
BIO

Course Number
463

Teaching Area
BIO

Course Title
Genetics of Human Disease

Course Description
Examining the application of genetics to understanding and treatment of human disease. Functional consequences of mutations; use of model organisms; linkage and association analysis of complex traits; pharmacogenetics; ethical considerations.

Department
Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 340 - Genetics

Learning Outcomes

Title
Genetic Variants

Tags
200999, 1

Learning Outcome
Understand and explain the different types of genetic variants, how they can be typed and how they can be used to understand the genetic architecture of human disease.

Title
Linkage Disequilibrium

Tags
201000, 2

Learning Outcome
Understand linkage disequilibrium in the human genome and the role it plays in the search for genetic risk factors for human disease

Title
Basic Statistics and Software

Tags
201001, 3

Learning Outcome
Understand and use basic statistics and software for analyzing the correlation between genetic markers and risk for disease.

Title
Model Organisms and the Genetics of Human Disease

Tags
201002, 4

Learning Outcome
Understand and explain how model organisms contribute to our understanding of the genetics of human disease.

Title
Acquiring and Presenting Information about Genetics of a Human

Tags
201003, 5

Learning Outcome
Demonstrate the ability to obtain, aggregate and present information about the current knowledge of the genetics of a human disease.

BIO 465 - Capstone in Bioinformatics

Course Information

Teaching Area (new)
BIO

Course Number
465

Teaching Area
BIO

Course Title
Capstone in Bioinformatics

Course Description
Students will apply principles of bioinformatics to complete a complex project that integrates their disciplinary understanding to address a broad, integrative computational problem. This culminating experience will allow students to create a project that will facilitate their transition into a post baccalaureate environment.

Department
Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- BIO 364 - Bioinformatics Algorithms

Learning Outcomes

Title
Evaluate research

Tags
201293, 0, 3

Learning Outcome

Students will demonstrate proficiency in reading, interpreting, and discussing primary scientific literature.

Title
Perform bioinformatics research

Tags
201360, 0, 4

Learning Outcome

Students will design and execute an original research study using bioinformatics software and techniques to answer a specific research question.

Title
Present research

Tags
201361, 0, 5

Learning Outcome

Students will demonstrate mastery of elementary scientific communication by describing research results and conclusions in written and oral form at a level that would be acceptable for presentation at an academic conference.

Title
Work together as a team

Tags
214859, 0, 6

Learning Outcome

Students will demonstrate proficiency in delegation, communication, honesty and compassion as they work together with peers in a team to achieve their project goals.

BIO 470 - History and Philosophy of Biology

Course Information

Teaching Area (new)
BIO

Course Number
470

Teaching Area
BIO

Course Title
History and Philosophy of Biology

Course Description
Development of fundamental generalizations of biology; nature of science; applications to major philosophical issues of current science.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 350 - Ecology

Learning Outcomes

Title
History of Biology

Tags
201066, 1

Learning Outcome
Students will demonstrate an understanding of the history of biology. This will include an understanding of the major figures and the historical development of modern biology. This will include having read original texts from the periods covered (Aristotle to Current Biology).

Title
Philosophical Issues

Tags
201067, 2

Learning Outcome
Students will also have an understanding of principal philosophical issues confronting modern biology, including major research trends in philosophy of biology. The students will also have a grasp of what 'science' is, how it is practiced, and what expectations for knowledge can be justified using science.

Title
Primary Literature

Tags
201068, 3

Learning Outcome
Students will have the ability to read and write about the primary literature both on the history, and the philosophy, of science. They will have a grasp of the terminology used in philosophy, and how philosophy of biology is currently practiced. Writing will be emphasized.

BIO 476 - Biology Student Teaching

Course Information

Teaching Area (new)
BIO

Course Number
476

Teaching Area
BIO

Course Title
Biology Student Teaching

Course Description
Field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar (Sc Ed 490R) required.

Department
Biology

When Taught
Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval; major GPA of 2.85; at least a C in Sc Ed 377.

Note
Permission to add the class may be obtained at Education Student Services in 120 MCKB.

Learning Outcomes

Title
INTASC Principles

Tags
201069, 1

Learning Outcome
Students will integrate all ten principles of the Interstate New Teacher Assessment and Support Consortium (INTASC) in the design of an instructional unit.

Title
INTASC Goals

Tags
201070, 2

Learning Outcome
Students will demonstrate the ten goals and standards of the Interstate New Teacher Assessment and Support consortium.

Title
Confidence in Teaching

Tags
201071, 3

Learning Outcome
Students will demonstrate increased competence and confidence in their teaching abilities.

Title
Classroom Management

Tags
201072, 4

Learning Outcome
Students will demonstrate appropriate classroom management techniques in a public school setting.

BIO 494R - Evolution

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Evolution

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201324, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201325, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Systematics

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Systematics

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201330, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201331, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Marine Biology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Marine Biology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201326, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201327, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Bioinformatics

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Bioinformatics

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201316, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201317, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Plant Biology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Plant Biology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201328, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201329, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Ecology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Ecology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201318, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201319, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Plant Biochemistry

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Plant Biochemistry

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201336, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201337, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Mentored Research

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Mentored Research

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Scientific Research

Tags
201339, 0, 2

Learning Outcome
Students will be able to perform scientific research to advance knowledge.

Title
Translating Research Outcomes to Practice

Tags
201338, 0, 1

Learning Outcome
Students will be able to translate research objectives into specific research tasks required to meet objectives.

Title
Science Communication

Tags
210498, 0, 3

Learning Outcome
Students will be able to communicate science through written or spoken outlets.

BIO 494R - Fungal Biology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Fungal Biology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Ability to Design and Implement Research

Tags
201280, 2

Learning Outcome
Students will demonstrate an ability to design and implement a research project in a specialized area.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201281, 3

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 494R - Medicinal Botany

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Medicinal Botany

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201334, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201335, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Electron Microscopy

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Electron Microscopy

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201320, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201321, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Entomology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Entomology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201322, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201323, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Aquatic Biology

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Aquatic Biology

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201118, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201119, 4

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 494R - Veterinary Science

Course Information

Teaching Area (new)
BIO

Course Number
494R

Teaching Area
BIO

Course Title
Veterinary Science

Course Description
Independent student research under faculty supervision.

Department
Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Supervisor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201332, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Appreciation and Understanding of Content

Tags
201333, 2

Learning Outcome
Students will show an appreciation for and understanding of aquatic biology.

BIO 496R - Secondary Teaching Internship

Course Information

Teaching Area (new)
BIO

Course Number
496R

Teaching Area
BIO

Course Title
Secondary Teaching Internship

Course Description
Culminating experience for students in the Biological Sciences Education major. Student participate in an internship teaching experience in a public school setting within one of the five BYU partnership districts. The internship requires students to complete a full school year of teaching in the assigned public school.

Department
Biology

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

BIO 497 - Field Exam and Exit Survey

Course Information

Course Number
497

Teaching Area
BIO

Course Title
Field Exam and Exit Survey

Course Description
This course will allow students to reflect on the meaningful learning opportunities they have experienced at BYU, how those experiences have shaped their education, and what role experiential learning has played in their intellectual, professional, and spiritual development. This opportunity for broader reflection is a crucial culminating activity as students prepare for graduation. Students will be reminded of the importance of lifelong learning and will take the ETS Biology Major Field Exam. This national exam evaluates the students' learning and retention of major scientific concepts in the fields of molecular biology, cell biology, organismal biology, population biology, and analytical skills.

Department
Biology

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Please contact the Biology department administrator for details about completing the biology exam and exit survey.

Learning Outcomes

Title
Reflection

Learning Outcome
Students will reflect on their learning experiences at BYU.

Title
Lifelong learning

Learning Outcome
Students will describe how courses and experiential learning have prepared them for next steps in life.

Title
Assessment

Learning Outcome
Students will be able to pass the ETS Major Field Exam for Biology.

BIO 503 - Research Orientation

Course Information

Teaching Area (new)
BIO

Course Number
503

Teaching Area
BIO

Course Title
Research Orientation

Course Description
Introduction to graduate school and research techniques.

Department
Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literature Databases

Tags
201127, 1

Learning Outcome
Create personalized literature databases and use these to correctly cite and format bibliographic information.

Title
Effective CV

Tags
201128, 2

Learning Outcome
Generate an effective CV that targets their next level of employment.

Title
Collaboration

Tags
201129, 3

Learning Outcome
Optimize opportunities available to them at scientific meetings to establish collaborative networks with other students, postdocs and faculty.

Title
Poster and Presentation

Tags
201130, 4

Learning Outcome
Prepare an effective poster and oral presentation.

Title
Grant Proposal

Tags
201131, 5

Learning Outcome
Prepare and submit a competitive grant proposal.

Title
Publication Preperation

Tags
201132, 6

Learning Outcome
Prepare publication quality illustrations, figures, charts & graphs and eventually a manuscript for publication.

Title
Media Communcation

Tags
201133, 7

Learning Outcome
Communicate their ideas effectively and appropriately through electronic media.

Title
Lesson Plans

Tags
201134, 8

Learning Outcome
Devise an active learning lesson plan for effectively teaching a biological principle.

BIO 510 - Biological Systematics for Curation

Course Information

Teaching Area (new)
BIO

Course Number
510

Teaching Area
BIO

Course Title
Biological Systematics for Curation

Course Description
Principles, methods, and tools of taxonomy and systematics as applied to species delimitation, specimen-based research, nomenclatural codes with additional emphasis on curation of biological specimens.

Department
Biology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Species

Tags
201079, 1

Learning Outcome
Students will be able to discuss species as the fundamental unit of biodiversity and the difference between species definitions and criteria used to delimit species.

Title
Classification

Tags
201080, 2

Learning Outcome
Students will be able to discuss basic philosophies of classification and the relationship between classification, phylogeny, and nomenclature.

Title
Nomenclatural Codes

Tags
201081, 3

Learning Outcome
Students will demonstrate understanding of nomenclatural codes and their relationship to specimen-based research products such new species descriptions, monographs, floras, and faunas via preparation of a hypothetical species description and annotation of published works.

Title
Research Tools

Tags
201082, 4

Learning Outcome
Students will gain practical, hands-on experience with a variety of specimen-based research tools.

BIO 511 - Lichenology

Course Information

Teaching Area (new)
BIO

Course Number
511

Teaching Area
BIO

Course Title
Lichenology

Course Description
Classification, morphology, and ecology on lichens. Field trip required.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Working Knowledge

Tags
201089, 2

Learning Outcome
Develop a working knowledge of lichen biology.

Title
Air Quality

Tags
201090, 3

Learning Outcome
Demonstrate an understanding of the role of lichens as biomonitors of air quality.

Title
Basic Skills

Tags
201091, 4

Learning Outcome
Develop basic skills for collecting, processing, and identifying lichens.

Title
Genetic Patterns

Tags
201092, 5

Learning Outcome
Develop basic skills with:
- Thin-layer chromatography – lichen secondary chemistry.
- Molecular techniques – to characterize genetic patterns and relationships at the population level.

Title
Publication Preparation

Tags
201093, 6

Learning Outcome
Prepare research manuscripts for review and publication consideration.

Title
Research Proposal

Tags
201094, 7

Learning Outcome
Present a research proposal for a project using lichens as air quality biomonitors.

Title
Research

Tags
201234, 1

Learning Outcome
Research and characterize the nature of the lichen symbiosis.

BIO 517 - Publishing in Peer-Reviewed Journals

Course Information

Teaching Area (new)
BIO

Course Number
517

Teaching Area
BIO

Course Title
Publishing in Peer-Reviewed Journals

Course Description
Each student enrolled in this course will be guided through the processes of writing a scientific manuscript and submitting it for publication in a peer-reviewed journal.

Department
Biology

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- BIO 494R - Electron Microscopy

OR

Prerequisites

Complete ALL of the following Courses:
- BIO 699R - Master's Thesis

OR

Prerequisites

Complete ALL of the following Courses:
- BIO 799R - Doctoral Dissertation

BIO 520 - Symbiosis

Course Information

Teaching Area (new)
BIO

Course Number
520

Teaching Area
BIO

Course Title
Symbiosis

Course Description
For graduate and upper-level undergraduate students, an introduction to the differences and commonalities among a diverse range of symbioses involving animals, plants, fungi and prokaryotes and the ways in which they influence biological communities. Topics include the human gut microbiome, mycorrhizas, plant-rhizobium symbiosis, plant-insect symbioses, marine invertebrate-bacterial symbioses, ant symbioses, lichens and soil crusts.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- BIO 220 - Biological Diversity: Animals

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 230 - Biological Diversity: Plants

BIO 523 - Science Communication

Course Information

Course Number
523

Teaching Area
BIO

Course Title
Science Communication

Course Description
Students will learn concepts, theory, philosophy, and practice of science communication.

Department
Biology

When Taught
Winter

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Undergraduates must have taken a course with an advanced writing component, such as BIO 316, PWS 316, WRTG 316, or BIO 420. Undergraduates must have taken BIO 350. They must have taken an evolutionary biology course, either BIO 250 or BIO 420.

There are no prerequisites for graduate students.

Learning Outcomes

Title
Fundamental concepts

Learning Outcome
Students will be able to use the evidence-based principles of science communication to determine when and how to communicate with various audiences.

Title
Presentation

Learning Outcome
Students will be able to transform raw data into appropriate visual representations (e.g., bar charts, scatter plots, heatmaps) that accurately convey scientific meaning.

Title
Tools

Learning Outcome
Students will demonstrate proficiency with tools like Adobe Illustrator and BioRender.

Title
Criticism

Learning Outcome
Students will be able to critique scientific figures for clarity, bias, and potential misinterpretation.

Title
Analysis

Learning Outcome
Students will be able to analyze different audiences and adapt scientific messages to their needs.

Title
Usage

Learning Outcome
Students will be able to explain the key principles of clarity, accuracy, and accessibility (diverse audiences) in scientific figures.

Title
Responsibility

Learning Outcome
Students will be able to evaluate and apply ethical principles in presenting scientific data, avoiding sensationalism or bias

Title
Charity

Learning Outcome
Students will be able to approach communication with humility and a desire to establish common ground.

Title
Communication

Learning Outcome
Students will be able to apply storytelling, framing, and other techniques to make complex science accessible and considerate of cultural factors without compromising content or accuracy.

Title
Pedagogy

Learning Outcome
Students will be able to apply evidence-based pedagogical techniques to design an appropriate lesson to communicate a scientific topic.

Title
Teach reconciliation

Learning Outcome
Students will demonstrate the ability to teach a published model of reconciliation between science and religion as it relates to any scientific topic.

BIO 530 - Advanced Genetic Analysis

Course Information

Teaching Area (new)
BIO

Course Number
530

Teaching Area
BIO

Course Title
Advanced Genetic Analysis

Course Description
Close examination of core genetic principles as presented in both classic and current literature with the goal of understanding current uses of genetics to examine gene function. Emphasis given to the experimental basis of transmission genetics (transfer of information between generations) as presented in classic studies and contemporary uses of genetic analysis to define gene function in current literature.

Department
Biology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 340 - Genetics

BIO 541 - Aquatic Entomology

Course Information

Teaching Area (new)
BIO

Course Number
541

Teaching Area
BIO

Course Title
Aquatic Entomology

Course Description
Morphology, classification, biology, and functional ecology of aquatic insects. Field trips required.

Department
Biology

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
Bio 441 or equivalent

Learning Outcomes

Title
Appreciation for Diversity

Tags
201106, 1

Learning Outcome
Develop an appreciation for the diversity of the living aquatic insect world.

Title
Becoming Better Stewards

Tags
201107, 2

Learning Outcome
Learn to become better stewards of the earth and its living inhabitants.

Title
Understanding

Tags
201108, 3

Learning Outcome
Understanding of all aquatic biology.

BIO 550 - Behavioral Ecology

Course Information

Teaching Area (new)
BIO

Course Number
550

Teaching Area
BIO

Course Title
Behavioral Ecology

Course Description
Students in Behavioral Ecology will study the biological mechanisms and evolutionary causes and consequences of a range of animal behaviors. The course will be geared towards helping students to gain a broad perspective of the range of factors that influence animal behavior and to provide students with the tools conduct, evaluate, and understand research on the ecology of animal behavior. We will cover a broad range of topics that are central to the field of behavioral ecology, including the economics of behavioral decisions, predator-prey arms races, resource competition, group living, reproductive selection and conflict, parental care, mating systems, social behaviors, cooperation and altruism, and communication. Each of these topics will be examined from an evolutionary and ecological perspective, with a focus on helping students first to understand the underlying theory and concepts, and second to grasp the research techniques and approaches used to increase knowledge in this field.

Department
Biology

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 350 - Ecology

Learning Outcomes

Title
Scientific Literacy

Tags
209786, 0, 1

Learning Outcome
Students will be able to read primary scientific literature addressing animal behavior, interpret data presented therein, and synthesize an argument about the evolution of animal behavior

Title
Hypotheses About Animal Behavior

Tags
209787, 0, 2

Learning Outcome
Form hypotheses regarding the causes and consequences of organismal behavior

Title
Data Collection

Tags
209788, 0, 3

Learning Outcome
Collect the appropriate data required to test hypotheses about the causes and consequences of behavior.

Title
Data Analysis

Tags
209789, 0, 4

Learning Outcome
Critically analyze data to test hypotheses about the causes and consequences of behavior

Title
Writing

Tags
209790, 0, 5

Learning Outcome
Write journal-style reports detailing scientific findings

Title
Scientific Communication

Tags
209791, 0, 6

Learning Outcome
Present scientific findings orally to a group of peers

BIO 555 - Evolutionary and Ecological Modeling

Course Information

Teaching Area (new)
BIO

Course Number
555

Teaching Area
BIO

Course Title
Evolutionary and Ecological Modeling

Course Description
Using models in ecology. Practical experience in analytical, simulation, and agent-based models.

Department
Biology

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Senior status in bioinformatics program or graduate status; Stat 511, 512, or equivalent; instructor's consent.

Learning Outcomes

Title
Theoretical Understanding of Modeling

Tags
201365, 1

Learning Outcome
Stuents will gain a theoretical understanding of the role of modeling.

Title
Modeling in Evolution and Ecology

Tags
201366, 2

Learning Outcome
Students will understand the role that modeling plays in evolution and ecology

Title
Building Models

Tags
201367, 3

Learning Outcome
Students will be able to build, test, and run models based on their area of research and interest.

BIO 556 - Limnology: Inland Waters

Course Information

Teaching Area (new)
BIO

Course Number
556

Teaching Area
BIO

Course Title
Limnology: Inland Waters

Course Description
This course covers fundamental concepts and skills for studying lakes and their biota and physical/chemical properties.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 350 - Ecology
  AND CHEM 106 - General College Chemistry 2

Learning Outcomes

Title
Processes

Tags
201109, 1

Learning Outcome
Students will be able to describe key physical, chemical, and biological processes in aquatic ecosystems.

Title
Constraints

Tags
201110, 2

Learning Outcome
Students will be able to predict how organisms will respond and adapt to physical and chemical constraints.

Title
Diagnosis

Tags
201111, 3

Learning Outcome
Students will be able to diagnose environmental problems related to lakes and apply scientific knowledge to find solutions.

Title
Data Analysis and Interpretation

Tags
201112, 4

Learning Outcome
Students will be able to analyze, interpret, and synthesize limnological data in a written report.

Title
Effective Communication

Tags
201113, 5

Learning Outcome
Students will be able to effectively communicate their synthesis of limnological data through written reports and oral presentations.

Title
Environmental Stewardship

Learning Outcome
Students will be able to draw connections between limnology and issues regarding human well-being, focusing on our stewardship of God's creations.

BIO 557 - Stream and Wetland Ecology

Course Information

Teaching Area (new)
BIO

Course Number
557

Teaching Area
BIO

Course Title
Stream and Wetland Ecology

Course Description
Stream and wetland ecology; their biota and their physical/chemical properties.

Department
Biology

When Taught
Winter Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
4

Other Prerequisites
Bio 350 or equivalent

Learning Outcomes

Title
Streams and Wetlands

Tags
201114, 1

Learning Outcome
Develop an understanding of streams and wetlands within the broader context of ecology and conservation.

Title
Conservation Issues

Tags
201115, 2

Learning Outcome
Become familiar with the major conservation issue in streams and wetlands and the underlying ecological concepts.

Title
Current Literature

Tags
201116, 3

Learning Outcome
Initial exposure to the current literature.

Title
Critical Thinking

Tags
201117, 4

Learning Outcome
Develop skills related to critical thinking. That is, learn how to: a) read critically and summarize information, b) draw conclusions and synthesize information to develop new questions and hypotheses, and c) design experiments or comparative studies. It is important to start early to learn how to think, read, and write critically.

BIO 559R - Physiological Ecology

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Physiological Ecology

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Ability to Design and Implement Research

Tags
201122, 2

Learning Outcome
Students will demonstrate an ability to design and implement a research project physiological ecology.

Title
Appreciation and Understanding of Content

Tags
201123, 4

Learning Outcome
Students will show an appreciation for and understanding of physiological ecology.

BIO 559R - Field Biology

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Field Biology

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Ability to Design and Implement Research

Tags
201347, 1

Learning Outcome
Students will demonstrate an ability to design and implement a research project physiological ecology.

Title
Appreciation and Understanding of Content

Tags
201348, 2

Learning Outcome
Students will show an appreciation for and understanding of physiological ecology.

BIO 559R - Biological Science Education

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Biological Science Education

Course Description
Topics include epistemology, pedagogy, innovative curriculum, and scientific education research.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Ability to Design and Implement Research

Tags
201345, 1

Learning Outcome
Students will demonstrate an ability to design and implement a research project physiological ecology.

Title
Appreciation and Understanding of Content

Tags
201346, 2

Learning Outcome
Students will show an appreciation for and understanding of physiological ecology.

BIO 559R - Advanced Ecology

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Advanced Ecology

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201349, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201350, 2

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 559R - Advanced Topics in Ecology and Evolution

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Advanced Topics in Ecology and Evolution

Course Description
Current topics in ecology, evolution, and systematics.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201120, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201121, 3

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 559R - Tropical Biology

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Tropical Biology

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Ability to Design and Implement Research

Tags
201343, 1

Learning Outcome
Students will demonstrate an ability to design and implement a research project physiological ecology.

Title
Appreciation and Understanding of Content

Tags
201344, 2

Learning Outcome
Students will show an appreciation for and understanding of physiological ecology.

BIO 559R - Evolutionary Biology

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Evolutionary Biology

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201353, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201354, 2

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 559R - Advanced Systematics

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Advanced Systematics

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201351, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201352, 2

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 559R - Biogeography

Course Information

Teaching Area (new)
BIO

Course Number
559R

Teaching Area
BIO

Course Title
Biogeography

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Understanding of Scientific Inquiry

Tags
201355, 1

Learning Outcome
Students will demonstrate an understanding of the methods of scientific inquiry.

Title
Ability to Interpret, Analyze, and Present Results

Tags
201356, 2

Learning Outcome
Students will effectively interpret, analyze, and present results of experimentation to others.

BIO 560 - Population Genetics

Course Information

Teaching Area (new)
BIO

Course Number
560

Teaching Area
BIO

Course Title
Population Genetics

Course Description
Basic principles of population genetics applied to natural populations; drift, selection, and nonrandom mating; inferring population subdivision, migration, and gene flow.

Department
Biology

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Bio 420 or equivalent.

Learning Outcomes

Title
Introduction

Tags
201124, 1

Learning Outcome
Students will gain a general introduction to the field a population genetics.

Title
Application

Tags
201125, 2

Learning Outcome
Students will experience the broad application of population genetics to diverse fields from ecology to medicine.

Title
Analyze Data

Tags
201126, 3

Learning Outcome
Students will manipulate and analyze population genetic data, especially molecular data.

BIO 564 - Machine Learning for Biologists

Course Information

Course Number
564

Teaching Area
BIO

Course Title
Machine Learning for Biologists

Course Description
Students will learn concepts and applications of machine-learning techniques applied to diverse types of biological data.

Department
Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- BIO 264 - Statistical Analysis for Biologists
  OR BIO 665 - R Programming Essentials

Note
This course is intended for undergraduate students and graduate students. Students who have not taken the prerequisite may contact the instructor for consent to take the course.

Learning Outcomes

Title
Fundamental concepts

Learning Outcome
Students will be able to explain fundamental concepts of machine learning, describe key differences between machine-learning approaches, and identify common machine learning terminology and concepts used in biological applications.

Title
Data processing

Learning Outcome
Students will be able to describe and apply data preprocessing and feature engineering techniques to biological data.

Title
Supervised learning

Learning Outcome
Students will be able to describe the principles of supervised learning and its applications in biological classification and regression tasks and apply these techniques.

Title
Unsupervised learning

Learning Outcome
Students will be able to describe the principles of unsupervised learning and its applications in biological data clustering and dimensionality reduction and apply these techniques.

Title
Neural networks

Learning Outcome
Students will be able to implement and train neural networks for biological research tasks.

Title
Responsible use

Learning Outcome
Students will be able to describe and apply strategies to mitigate bias and ensure responsible machine learning practices in biological applications.

Title
Primary literature

Learning Outcome
Students will be able to critically evaluate primary literature on machine learning related to diverse biological subfields, including genomics, ecology, and medicine.

BIO 589R - Genetics Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Genetics Science In-Service

Course Description
In-service course for science teachers.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Understanding and Skills

Tags
201300, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

Title
Advanced Knowledge

Tags
201301, 2

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Focused Knowledge

Tags
201302, 3

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BIO 589R - Evolution Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Evolution Science In-Service

Course Description
In-service course for science teachers.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Understanding and Skills

Tags
201303, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

Title
Advanced Knowledge

Tags
201304, 2

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Focused Knowledge

Tags
201305, 3

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BIO 589R - Meterology Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Meterology Science In-Service

Course Description
In-service course for science teachers.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Understanding and Skills

Tags
201309, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

Title
Advanced Knowledge

Tags
201310, 2

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Focused Knowledge

Tags
201311, 3

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BIO 589R - Botany Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Botany Science In-Service

Course Description
In-service course for science teachers.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Understanding and Skills

Tags
201306, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

Title
Advanced Knowledge

Tags
201307, 2

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Focused Knowledge

Tags
201308, 3

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BIO 589R - Ecology Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Ecology Science In-Service

Course Description
In-service course for science teachers.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Understanding and Skills

Tags
201297, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

Title
Specialty Knowledge

Tags
201298, 2

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Focused Topic Knowledge

Tags
201299, 3

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity

BIO 589R - Advanced Science In-Service

Course Information

Teaching Area (new)
BIO

Course Number
589R

Teaching Area
BIO

Course Title
Advanced Science In-Service

Course Description
In-service course for science teachers. Topics vary.

Department
Biology

When Taught
Summer Term

Credit Hours

Min:
1

Fixed/Max:
5

Learning Outcomes

Title
Application

Tags
201357, 1

Learning Outcome
Students will use the skill and knowledge they have learning in their program in an Advanced Science In-service project.

BULGN 100 - Language Study: Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
100

Teaching Area
BULGN

Course Title
Language Study: Bulgarian

Course Description
Survival-level conversation, reading, listening, and culture skills in Bulgarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196454, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196456, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196459, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

BULGN 101 - First-Year Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
101

Teaching Area
BULGN

Course Title
First-Year Bulgarian

Course Description
Beginning speaking, listening, reading, and writing skills in Bulgarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Speaking

Tags
193251, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193253, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193269, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193278, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BULGN 102 - First-Year Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
102

Teaching Area
BULGN

Course Title
First-Year Bulgarian

Course Description
Second-semester speaking, listening, reading, and writing skills in Bulgarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BULGN 101 - First-Year Bulgarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
193286, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Speaking

Tags
193287, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193295, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193304, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

BULGN 201 - Second-Year Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
201

Teaching Area
BULGN

Course Title
Second-Year Bulgarian

Course Description
Intermediate speaking, listening, reading, and writing skills in Bulgarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BULGN 102 - First-Year Bulgarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193321, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193329, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193338, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193347, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

BULGN 211R - Second-Year Conversation

Course Information

Teaching Area (new)
BULGN

Course Number
211R

Teaching Area
BULGN

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Bulgarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BULGN 201 - Second-Year Bulgarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193357, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193367, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194559, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

BULGN 305 - Language Skills Development: Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
305

Teaching Area
BULGN

Course Title
Language Skills Development: Bulgarian

Course Description
Increasing proficiency in one or more of the following Bulgarian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196474, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196479, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196483, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

BULGN 321 - Advanced Grammar: Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
321

Teaching Area
BULGN

Course Title
Advanced Grammar: Bulgarian

Course Description
Advance your Bulgarian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196488, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196489, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196492, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

BULGN 330 - Cultural History of Bulgaria

Course Information

Teaching Area (new)
BULGN

Course Number
330

Teaching Area
BULGN

Course Title
Cultural History of Bulgaria

Course Description
Study of Bulgarian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Bulgn 201 or foreign residence experience.

Note
Required course for obtaining language credit by examination (Bulgn 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

Learning Outcomes

Title
General Education Requirements

Tags
193915, 4

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awarness" requirements.

Title
Communication skills

Tags
199965, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
199966, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cutlural Knowledge

Tags
199967, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

BULGN 340 - Introduction to Literature: Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
340

Teaching Area
BULGN

Course Title
Introduction to Literature: Bulgarian

Course Description
Explore Bulgarian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196508, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196509, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196512, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196517, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

BULGN 350 - Advanced Language Study for Career Purposes: Bulgarian

Course Information

Teaching Area (new)
BULGN

Course Number
350

Teaching Area
BULGN

Course Title
Advanced Language Study for Career Purposes: Bulgarian

Course Description
Concentration on Bulgarian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BULGN 330 - Cultural History of Bulgaria

Learning Outcomes

Title
Defined Career Purposes

Tags
196520, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196525, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196528, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196531, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196536, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

BURMS 100 - Language Study: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
100

Teaching Area
BURMS

Course Title
Language Study: Burmese

Course Description
Survival-level conversation, reading, listening, and culture skills in Burmese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196541, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196548, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196551, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

BURMS 101 - First-Year Language Study: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
101

Teaching Area
BURMS

Course Title
First-Year Language Study: Burmese

Course Description
Beginning speaking, listening, reading, and writing skills in Burmese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196557, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196559, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196561, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196563, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BURMS 102 - First-Year Language Study: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
102

Teaching Area
BURMS

Course Title
First-Year Language Study: Burmese

Course Description
Second-semester speaking, listening, reading, and writing skills in Burmese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BURMS 101 - First-Year Language Study: Burmese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196567, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196571, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196590, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196592, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

BURMS 201 - Second-Year Language Study: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
201

Teaching Area
BURMS

Course Title
Second-Year Language Study: Burmese

Course Description
Intermediate speaking, listening, reading, and writing skills in Burmese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BURMS 102 - First-Year Language Study: Burmese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196596, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196598, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196601, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196604, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

BURMS 202 - Second-Year Language Study: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
202

Teaching Area
BURMS

Course Title
Second-Year Language Study: Burmese

Course Description
Continued emphasis on Burmese communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BURMS 201 - Second-Year Language Study: Burmese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196607, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196609, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196611, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196614, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BURMS 305 - Language Skills Development: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
305

Teaching Area
BURMS

Course Title
Language Skills Development: Burmese

Course Description
Increasing proficiency in one or more of the following Burmese language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196615, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196617, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196620, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

BURMS 321 - Advanced Grammar: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
321

Teaching Area
BURMS

Course Title
Advanced Grammar: Burmese

Course Description
Advance your Burmese through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196623, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196625, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196627, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
330

Teaching Area
BURMS

Course Title
Advanced Language Proficiency Through Cultural Studies: Burmese

Course Description
Study of Burmese culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Burms 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196632, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196634, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196635, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196640, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

BURMS 340 - Introduction to Literature: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
340

Teaching Area
BURMS

Course Title
Introduction to Literature: Burmese

Course Description
Explore Burmese culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196641, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196642, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196643, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196644, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

BURMS 350 - Advanced Language Study for Career Purposes: Burmese

Course Information

Teaching Area (new)
BURMS

Course Number
350

Teaching Area
BURMS

Course Title
Advanced Language Study for Career Purposes: Burmese

Course Description
Concentration on Burmese language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BURMS 330 - Advanced Language Proficiency Through Cultural Studies: Burmese

Learning Outcomes

Title
Defined Career Purposes

Tags
196645, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196646, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196647, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196648, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196649, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

C S 110 - How to Program

Course Information

Teaching Area (new)
C S

Course Number
110

Teaching Area
C S

Course Title
How to Program

Course Description
Introduction to programming and computer science for those with no prior programming experience. Focuses on the basic aspects of programming, with an emphasis on core principles. Labs provide a supportive environment to learn how to program with peers. Weekly discussions will introduce some of the many ways computer science interacts with society. Programming assignments will demonstrate how to use computing in a variety of disciplines. \n

Department
Computer Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Note
Designed for those with no prior experience in programming

Learning Outcomes

Title
Programming

Learning Outcome
Demonstrate the ability to independently write small programs (about 150 lines of code) to solve meaningful problems. Students will develop the discipline to translate requirements into orderly solutions, a process that is spiritually strengthening as they learn to bring order out of chaos.

Title
Basic Programming Constructs

Learning Outcome
Effectively use basic programming constructs, including variables, statements, expressions, and control. Mastering these fundamental tools is intellectually enlarging, providing students with a rigorous framework for logical reasoning.

Title
Abstraction and Decomposition

Learning Outcome
Develop the ability to use functions to manage complexity and describe programs as a flow of actions. This systematic approach to problem-solving fosters a character building resilience, as students learn to tackle daunting challenges with patience and precision.

Title
Algorithms and Data Structures

Learning Outcome
Effectively utilize basic algorithms and data structures to represent and store data. Students will view the efficient use of these tools as a form of stewardship, preparing them for a life of lifelong learning and service in an increasingly technical world.

Title
Testing and Debugging

Learning Outcome
Use simple tests and debuggers to identify and correct errors. This iterative process of refinement encourages honesty and humility, ensuring that students' technical growth is matched by their commitment to integrity.

C S 111 - Introduction to Computer Science

Course Information

Teaching Area (new)
C S

Course Number
111

Teaching Area
C S

Course Title
Introduction to Computer Science

Course Description
Teaches how to design, develop, reason about, and test programs. Topics include higher-order functions, object-oriented programming, recursion, algorithms, data structures, decomposition, interpreters, and regular expressions.

Department
Computer Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
CS 110 or equivalent prior programming experience

Recommended
Prior programming experience should include statements, variables, control flow (if/while), and functions

Learning Outcomes

Title
Design

Learning Outcome
Design and develop moderate to medium-sized programs, using both object-oriented and functional paradigms. Students will approach the creative process of software design as a spiritually strengthening endeavor, learning to bring structure and purpose to complex systems.

Title
Confidence

Learning Outcome
Demonstrate increased confidence in the ability to design, develop, and test programs. This growing self-reliance is character building, as students recognize their potential to master difficult skills and contribute meaningfully to their communities.

Title
Algorithms

Learning Outcome
Effectively use basic algorithms including recursion, merge sort, and others. Students will engage in the intellectually enlarging study of algorithmic efficiency, recognizing the elegance and order inherent in well-designed computational logic.

Title
Data Structures and Abstraction

Learning Outcome
Use data structures, modules, classes, and functions to organize information and behavior within a program. This mastery over data and complexity prepares students for lifelong learning by providing them with the mental frameworks necessary to adapt to a constantly evolving technical landscape.

Title
Modules & Libraries

Learning Outcome
Independently read documentation for external python packages and extend program functionality. This autonomy encourages a habit of lifelong learning, teaching students how to seek out and apply new knowledge to solve real-world problems.

Title
Testing and Debugging

Learning Outcome
Write unit tests and use debuggers to identify the source of bugs. The iterative process of identifying and correcting errors is a character building exercise that fosters humility, persistence, and a commitment to integrity and truth.

Title
Computing and Service

Learning Outcome
Write programs that accomplish tasks relevant to computer science, such as data visualization or internet protocols. Students will view these technical applications as a means of service, using their intellectually enlarging skills to address the needs of a global society.

C S 142 - Introduction to Computer Programming

Course Information

Teaching Area (new)
C S

Course Number
142

Teaching Area
C S

Course Title
Introduction to Computer Programming

Course Description
Introduction to object-oriented program design and development. Principles of algorithm formulation and implementation.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Knowledge of algebra

Learning Outcomes

Title
Understand the importance of the following concepts

Tags
204455, 2

Learning Outcome
AbstractionDebugging and Assurance of CorrectnessProgram Development (analysis, specification, design, implementation, testing)

Title
Write programs whose complexity reaches a few hundred lines

Tags
204487, 1

Learning Outcome
Use the rudiments of the environment and the resources available to help them program (editors, basic computer architecture, compilers, libraries, reference manuals, on-line help).

Develop programs from an English description.

Write programs on their own, independent of "hand holding" by a TA or an instructor (typically a dozen or so).

Understand and use the basic programming constructs: types (built in types, basic provided types including arrays and strings, type construction), values (constants,variables, assignment statements, and expressions), control structures (sequential flow, conditional statements, and loops), and I/O (basic output to the screen and input from the keyboard, and file I/O).

Understand and use objects (value representation, applicable operations, hidden implementations).

Implement basic recursive algorithms.

Describe and use the basic ideas of some of the more advanced programming constructs,including exceptions, inheritance, and polymorphism.

C S 180 - Introduction to Data Science

Course Information

Teaching Area (new)
C S

Course Number
180

Teaching Area
C S

Course Title
Introduction to Data Science

Course Description
This course is a broad, interdisciplinary look at the field of data science, and how to derive insight from data. It will develop technical skills (including some python programming, statistics, linear algebra, machine learning, data cleaning and visualization) as well as data literacy (mental frameworks for decomposing data science problems, critical thinking about potential conclusions of an analysis, and potential pitfalls of overreliance on unreliable data).

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CS 110 or equivalent prior programming experience

Recommended
Prior programming experience should include statements, variables, control flow (if/while), and functions

Learning Outcomes

Title
Derive Insight

Learning Outcome
Students will be able to use state-of-the-art data science oriented languages and toolkits to derive insight from data. This process is spiritually strengthening as students learn to discern truth and hidden patterns within complex information.

Title
Think Critically

Learning Outcome
Students will be able to think critically about conclusions drawn from data and its analysis. This rigorous evaluation of evidence is intellectually enlarging, training the mind to look beyond surface-level assumptions.

Title
Apply principles and methodologies

Learning Outcome
Students will be able to apply general data science principles and methodologies to novel data science problems. This adaptability fosters a foundation for lifelong learning, ensuring students can continue to solve evolving problems throughout their careers.

Title
Solve problems

Learning Outcome
Students will be able to combine ideas from mathematics, statistics, machine learning, and computer science to solve data science problems. The synthesis of these diverse fields is intellectually enlarging and prepares students to use their talents in professional and community service.

Title
Build predictive models

Learning Outcome
Students will build basic predictive models. The creation and refinement of these models is a character building exercise, requiring integrity in data handling and a commitment to producing honest, reliable results.

C S 191 - Exploring Computer Science

Course Information

Course Number
191

Teaching Area
C S

Course Title
Exploring Computer Science

Course Description
Introduction to the discipline of computer science and its fields. Lectures will provide an accessible introduction to the fields of computer science for those who are new to the discipline.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Recommended
Recommend during freshman year, first semester after transferring to BYU, first semester after transferring from another major, or while enrolled in CS 110 or CS 111

Learning Outcomes

Title
Breadth of Computer Science

Learning Outcome
Students will be able to describe the breadth of the computer science field and identify various career paths. This exploration is intellectually enlarging, as it expands their understanding of how technology shapes the modern world and where they might best contribute.

Title
Success Strategies

Learning Outcome
Students will be able to identify and apply strategies for success in the computer science major. Developing these habits of discipline and focus is character building, preparing students to meet the rigorous demands of the program with integrity.

Title
Academic Planning

Learning Outcome
Students will be able to create a graduation plan that aligns with their career goals. This process encourages lifelong learning by teaching students to take ownership of their educational journey and prepare for a future of purposeful growth.

Title
Community and Stewardship

Learning Outcome
Students will be able to identify and participate in the computer science community. Engaging with peers and mentors in a supportive environment is spiritually strengthening, as it fosters a sense of belonging and a commitment to serving others through their technical talents.

Title
Ethics and Impact

Learning Outcome
Students will be able to discuss the ethical and social implications of computing. Critically evaluating the influence of technology on society is intellectually enlarging and essential for developing the character needed to act as a responsible global citizen.

C S 199R - Academic Internship

Course Information

Teaching Area (new)
C S

Course Number
199R

Teaching Area
C S

Course Title
Academic Internship

Course Description
Internships or cooperative education experiences with organizations outside BYU.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Provide Work Experience

Tags
204414, 0

Learning Outcome
Students will develop familiarity with industrial software development and analysis.

C S 201R - Topics in Computer Science

Course Information

Teaching Area (new)
C S

Course Number
201R

Teaching Area
C S

Course Title
Topics in Computer Science

Course Description
Undergraduate level subjects as announced before each semester.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Data gathering

Tags
204488, 2

Learning Outcome
Because 201R is an experiment course, data on how well the course accomplished the outcomes will be gathered. This will usually be in the form of surveys, exam scores, and project scores.

Title
Experimental course

Tags
204497, 1

Learning Outcome
A 201R course is used by a professor who is teaching an experimental course. Learning outcomes will vary for the course, but these outcomes are evaluated during the vetting process (through the department undergraduate curriculum committee) before the professor is allowed to teach the course. At this level, typical learning outcomes involve computing practice and fundamental theory.

C S 202 - Software Engineering Lab 1

Course Information

Teaching Area (new)
C S

Course Number
202

Teaching Area
C S

Course Title
Software Engineering Lab 1

Course Description
The first of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. In addition to hands-on lab experiences, this course contains lecture and assigned reading content that will provide an understanding of what a software engineering career is and what roles and responsibilities are available to software engineers.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming
  OR C S 111 - Introduction to Computer Science

Other Prerequisites
With instructor consent, may be taken concurrently with C S 203 and 204.

Note
C S 202, 203, and 204 are designed to be taken in sequence

Learning Outcomes

Title
Definition and roles

Learning Outcome
Understand the scope of software engineering and the various roles within a professional career. This overview is intellectually enlarging, as students learn how diverse technical talents contribute to a unified, purposeful mission.

Title
UI Design and Modeling

Learning Outcome
Use modeling tools to create wireframe, screenflow, and UML diagrams (Class, Sequence, Activity). Mastering these visual languages is intellectually enlarging, allowing students to conceptualize and communicate complex truths with clarity.

Title
Code Reviews

Learning Outcome
Understand the utility of code reviews and engage in the evaluation of peer work. This collaborative process is character building, as it requires students to practice both humility in receiving feedback and kindness in offering it.

Title
Documentation and Coding Style

Learning Outcome
Understand the importance of software documentation and use tools to enforce consistent coding styles. Maintaining these standards is a form of stewardship and character building, reflecting a commitment to order, precision, and the needs of future developers.

Title
Source Control

Learning Outcome
Gain experience using source control tools to manage project history. This practice teaches the value of lifelong learning, as students learn to navigate the evolution of a project and preserve work for the benefit of those who follow.

Title
Debugging

Learning Outcome
Develop the ability to debug software from the command line and within an IDE. The persistence required to identify and resolve errors is spiritually strengthening, as students learn that through patience and trial, they can overcome confusion and find correct solutions.

C S 203 - Software Engineering Lab 2

Course Information

Teaching Area (new)
C S

Course Number
203

Teaching Area
C S

Course Title
Software Engineering Lab 2

Course Description
The second of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. The lab experiences in this course build on those learned in CS 202 and focus on tools and techniques for source code testing, automated source code analysis, and source code build and dependency management.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 202 - Software Engineering Lab 1
  AND C S 235 - Data Structures and Algorithms

Other Prerequisites
With instructor consent, may be taken concurrently with C S 202 and 204.

Note
C S 202, 203, and 204 are designed to be taken in sequence.

Learning Outcomes

Title
Testing

Learning Outcome
Understand the basic concepts and approaches used by software engineers to test software, and use testing frameworks to write automated unit tests and assess coverage. This commitment to verification is character building, as it requires students to prioritize technical integrity and honesty over convenience.

Title
Analysis

Learning Outcome
Use static analysis, code profiling, and performance tools to identify and correct potential problems and bottlenecks. This rigorous evaluation is intellectually enlarging, teaching students to look deeply into the efficiency and health of their systems.

Title
Refinement and Excellence

Learning Outcome
Apply testing and analysis results to iteratively improve software quality. This process of constant refinement is spiritually strengthening, as students learn the value of persistence and the satisfaction found in striving for professional excellence.

C S 204 - Software Engineering Lab 3

Course Information

Teaching Area (new)
C S

Course Number
204

Teaching Area
C S

Course Title
Software Engineering Lab 3

Course Description
The third of three experiential learning labs that will provide students with hands-on experience with various tools, technologies, and techniques that software engineers use in practice. The lab experiences in this course build on those learned in CS 202 and CS 203 and focus on tools and techniques for cloud development and Agile programming.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 203 - Software Engineering Lab 2
  AND C S 240 - Advanced Software Construction

Other Prerequisites
With instructor consent, may be taken concurrently with C S 202 and 203.

Note
 C S 202, 203, and 204 are designed to be taken in sequence.

Learning Outcomes

Title
Virtual Machines

Learning Outcome
Set up virtual maSet up virtual machines and application containers to run applications for different operating systems on a single host, and know the difference between them. This mastery of varied environments is intellectually enlarging, as it allows students to navigate and understand the diverse architectural truths of modern computing.chines and application containers to run applications for different operating systems on a single host.

Title
Cloud Computing

Learning Outcome
Provision a simple web server on AWS and gain experience with its services. Students will recognize that the ability to scale and deploy resources globally is a powerful tool for service and lifelong learning, enabling them to address the needs of a global community.

Title
Deployment

Learning Outcome
Use a tool to build a simple deployment pipeline. Learning to automate the delivery of software is character building, as it requires the discipline to create reliable, repeatable processes that ensure the integrity of the final product.

Title
Dependency Injection

Learning Outcome
Understand the benefits of dependency injection and gain familiarity with a framework that utilizes it. This practice of decoupling components is intellectually enlarging, teaching students to design systems with a level of flexibility and order that reflects deep logical principles.

Title
Object-relational Mapping

Learning Outcome
Gain experience with an object-relational mapping framework. Successfully bridging the gap between disparate data models is spiritually strengthening, as it fosters the persistence and clarity of thought needed to harmonize complex and seemingly conflicting systems.

C S 224 - Introduction to Computer Systems

Course Information

Teaching Area (new)
C S

Course Number
224

Teaching Area
C S

Course Title
Introduction to Computer Systems

Course Description
How a computer works to execute sequential code: low level data representation and abstraction, the relationship between C and assembly, computer architecture and pipelining, the memory hierarchy, dynamic memory allocation, and linking.\n

Department
Computer Science

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 235 - Data Structures and Algorithms

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
C programming memory model

Tags
180230, 0

Learning Outcome
Write programs that use pointers to pass by reference and manipulate data. Students will demonstrate how variables are connected to specific memory locations, an intellectually enlarging exercise that reveals the rigorous logical structure underlying high-level abstractions.

Title
Command line

Tags
180280, 4

Learning Outcome
Work fluently in a command-line environment to edit, compile, run, and debug C programs. Developing this technical autonomy is character building, as it requires the discipline and persistence to master a demanding professional environment.

Title
Machine representation of programs

Tags
180318, 5

Learning Outcome
Represent and manipulate information at a machine level. This deep dive into the foundational "bits and bytes" of computing is intellectually enlarging, providing students with a clearer understanding of the fundamental truths of digital information.

Title
Machine code

Tags
180319, 1

Learning Outcome
Read and analyze machine code, focusing on the runtime stack for storage and control transfer. This intricate analysis fosters character building through the patience and precision required to understand how a processor executes complex instructions.

Title
Processor architecture

Tags
180357, 3

Learning Outcome
Explain how machine code is assembled and how binary code moves through a sequential micro-architecture. Understanding these core principles facilitates lifelong learning, giving students a conceptual foundation that remains constant even as specific technologies evolve.

Title
Caches

Tags
204282, 1

Learning Outcome
Demonstrate how processors find data in a cache and how hit rates impact code performance. Students will view the optimization of these resources as a form of stewardship, a spiritually strengthening pursuit of excellence in using one's talents to create efficient, impactful solutions.

C S 235 - Data Structures and Algorithms

Course Information

Teaching Area (new)
C S

Course Number
235

Teaching Area
C S

Course Title
Data Structures and Algorithms

Course Description
Fundamental data structures and algorithms of computer science; basic algorithm analysis; recursion; sorting and searching; lists, stacks, queues, trees, hashing; object-oriented data abstraction.

Department
Computer Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming

OR

Prerequisites

Complete ALL of the following Courses:

- C S 111 - Introduction to Computer Science

Learning Outcomes

Title
Data Computing Fundamentals

Tags
204285, 1

Learning Outcome
Utilize fundamental data types including lists, stacks, queues, priority queues, sets, maps, and trees. This mastery of organizational structures is intellectually enlarging, as students learn to apply precise logical frameworks to represent complex information.

Title
Implementing Fundamental Data Types

Tags
204286, 2

Learning Outcome
Understand and implement major techniques for data storage, such as linked lists, binary search trees, hashing, and heaps. This deep dive into technical implementation is character building, requiring the meticulous attention to detail and personal integrity necessary to build reliable systems.

Title
Select Data Structures

Tags
204287, 3

Learning Outcome
Properly select and use data structures from language-provided libraries. Making these informed choices is a form of stewardship, helping students develop the wisdom to use available resources effectively in a life of service.

Title
Analysis

Tags
204288, 4

Learning Outcome
Classify the runtime complexity of algorithms using Big O notation. This ability to evaluate efficiency is intellectually enlarging, providing a rigorous mathematical lens through which to view the physical constraints of computation.

Title
Recursion

Tags
204289, 5

Learning Outcome
Understand and apply recursive logic to solve complex problems. Mastering this powerful mental model is spiritually strengthening, as students learn to find elegant, simple truths within layered and repetitive challenges.

Title
Usage of Algorithms

Tags
204290, 6

Learning Outcome
Make informed decisions regarding sorting and searching algorithms in specific contexts. This evaluative skill fosters a capacity for lifelong learning, equipping students with the critical thinking needed to adapt to new technologies and methodologies.

Title
Program Writing

Tags
204291, 7

Learning Outcome
Write substantial programs requiring approximately 500 lines of code. The endurance required to complete these projects is character building, fostering the resilience and work ethic needed to see significant commitments through to completion.

C S 236 - Discrete Structures

Course Information

Teaching Area (new)
C S

Course Number
236

Teaching Area
C S

Course Title
Discrete Structures

Course Description
Introduction to grammars and parsing; predicate and propositional logic; proof techniques; sets, functions, relations, relational data model; graphs and graph algorithms.

Department
Computer Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 235 - Data Structures and Algorithms

Learning Outcomes

Title
Write Code From Diverse Program Components

Tags
204292, 2

Learning Outcome
Demonstrate the ability to build large programs by writing and integrating code from a diverse spectrum of program components. This collaborative and technical integration is spiritually strengthening, as students learn to harmonize different parts into a purposeful, unified whole.

Title
Mathematical Structures and Logic

Tags
204417, 2

Learning Outcome
Understand and be conversant with basic discrete mathematical structures, including finite state machines, grammars, and propositional calculus. Mastering these abstract concepts is intellectually enlarging, providing a rigorous foundation for logical reasoning and clarity of thought.

Title
Problem Solving with Discrete Math

Learning Outcome
Write complex programs by using mathematical concepts-such as set algebra for databases or graphs for query processing-as the basis for solving problems. This application of theory to practice fosters a capacity for lifelong learning, allowing students to approach novel challenges with a versatile and proven toolkit.

Title
Systematic Design Process

Learning Outcome
Incrementally build sophisticated programs through a systematic design process based on discrete mathematics. This methodical approach is character building, as it requires the discipline and patience to follow a structured path toward a reliable solution.

Title
Maintainable Design and Stewardship

Learning Outcome
Design solutions for programming problems and justify the designs as maintainable and extendable. Taking responsibility for the long-term viability and readability of one's code is a form of character building stewardship, ensuring that your work serves as a reliable foundation for those who follow.

C S 240 - Advanced Software Construction

Course Information

Teaching Area (new)
C S

Course Number
240

Teaching Area
C S

Course Title
Advanced Software Construction

Course Description
Advanced software development with an object-oriented focus. Design, implementation, and testing of medium-sized programs including a server program.

Department
Computer Science

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 235 - Data Structures and Algorithms

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Construction

Tags
213392, 0, 1, 2023-08-29 07:26:47

Learning Outcome
Learn to construct a medium-scale server program with data persistence in a principled way by applying relevant engineering techniques such as up-front design, quality code construction, unit testing, assertions, and error handling.

Title
Design

Tags
213393, 0, 2, 2023-08-29 07:26:49

Learning Outcome
Learn and apply basic software design principles such as single responsibility, low coupling, avoidance of code duplication and information/data hiding to create modular code.

Title
Databases

Tags
213394, 0, 3, 2023-08-29 07:26:51

Learning Outcome
Learn and apply the basics of relational database design, modeling and programmatic access.

Title
Security

Tags
213395, 0, 4, 2023-08-29 07:26:52

Learning Outcome
Learn and apply basic security principles and concepts.

Title
Testing

Tags
213396, 0, 5, 2023-08-29 07:26:53

Learning Outcome
Learn to validate a program's behavior against its specification using testing practices.

Title
Tools

Tags
213397, 0, 6, 2023-08-29 07:26:55

Learning Outcome
Use modern software tools including integrated development environments, testing frameworks, debuggers, version control, and documentation processing tools.

C S 252 - Introduction to Computational Theory

Course Information

Teaching Area (new)
C S

Course Number
252

Teaching Area
C S

Course Title
Introduction to Computational Theory

Course Description
Finite state automata, regular languages, lexical analysis; push-down automata, context-free languages, parsing; Turing machines and unrestricted grammars; computability complexity, NP-completeness.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
C S 236 or concurrent enrollment.

Learning Outcomes

Title
Understand Computing Paradigms

Tags
204297, 3

Learning Outcome
Understand the three computing paradigms (DFAs, PDA, Turing Machine) and their language-based equivalents. This study of the theoretical limits of computation is intellectually enlarging, as it reveals the fundamental laws and orderly patterns that govern all digital information.

Title
Categorize Problems

Tags
204298, 4

Learning Outcome
Categorize problems into one of the existing paradigms. This analytical process is character building, requiring the mental discipline and precision to correctly identify the inherent nature and constraints of a given challenge.

Title
Understand Paradigms

Tags
204421, 1

Learning Outcome
Understand the difference between and limitations of paradigms. Recognizing these boundaries fosters a sense of humility and spiritually strengthening wonder at the vastness of knowledge yet to be discovered and the complexity of the created world.

Title
Decidable and Tractable

Learning Outcome
Understand the difference between computable (decidable) and practically computable (tractable). Distinguishing between what is theoretically possible and what is practically achievable is intellectually enlarging, providing a realistic framework for professional decision-making.

Title
Solutions to Problems

Learning Outcome
Design and justify solutions to problems of decidability and tractability. Engaging with these deep, unresolved questions in computer science encourages a commitment to lifelong learning, as students prepare to contribute to the ongoing search for truth in their field.

C S 256 - Introduction to Human Computer Interaction

Course Information

Course Number
256

Teaching Area
C S

Course Title
Introduction to Human Computer Interaction

Course Description
Design user experiences with technology that make a meaningful difference in people’s lives. Methods to establish user needs, derive designs, assess tradeoffs, and report results. Develop and iterate prototypes with feedback from representative users.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lab Hours

Fixed:
2

Learning Outcomes

Title
Meet user needs

Tags
213398, 0, 1, 2023-08-29 07:26:58

Learning Outcome
Analyze users and their environments for the purpose of designing to meet their needs. This empathetic approach to technology is spiritually strengthening, as students learn to look outside themselves and focus on the welfare and experiences of others.

Title
Create human-centered designs

Tags
213399, 0, 2, 2023-08-29 07:26:59

Learning Outcome
Apply an iterative human-centered design cycle to create, develop, and evaluate technology user experiences. Engaging in this cycle of feedback and refinement is character building, fostering the humility to accept critique and the persistence to improve one's work for the benefit of the end user.

Title
Analyze user interfaces

Tags
213400, 0, 3, 2023-08-29 07:27:00

Learning Outcome
Describe and analyze user interfaces for best-practice approaches, including diverse form factors and accessibility issues. Ensuring that technology is inclusive and usable for all is intellectually enlarging, as it challenges students to consider a wide range of human perspectives and physical requirements.

Title
Document user experiences

Tags
213401, 0, 4, 2023-08-29 07:27:02

Learning Outcome
Present and document user experience findings and project results using technical writing and presentation standards. Mastering the art of clear, professional communication facilitates lifelong learning, equipping students with the tools to share knowledge and advocate for better design throughout their professional lives.

C S 260 - Web Programming

Course Information

Teaching Area (new)
C S

Course Number
260

Teaching Area
C S

Course Title
Web Programming

Course Description
Introduction to building and deploying full stack web applications using core technologies, frameworks, protocols, and development tools.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- C S 142 - Introduction to Computer Programming
  OR C S 111 - Introduction to Computer Science

Learning Outcomes

Title
Full-Stack Web Application Development

Learning Outcome
Design and implement interactive, full-stack web applications using modern web technologies, applying computational thinking and user-centered design to solve meaningful problems that serve others.

Title
Web Architecture

Learning Outcome
Design and reason about web architectures, including client-server communication, APIs, authentication, real-time interaction, and data persistence, with an awareness of the responsibility to build systems that meet present needs and continue to serve well as those needs change over time.

Title
AI-Augmented Development

Learning Outcome
Use AI tools as a collaborative partner to support design, implementation, debugging, and learning, while critically evaluating their outputs for correctness and maintainability.

Title
Security and Societal Impact

Learning Outcome
Apply secure coding practices and evaluate the ethical implications of web technologies, including privacy, accessibility, and eternal impact of the systems they build.

Title
Deployment and Application Management

Learning Outcome
Deploy and manage web applications, demonstrating responsibility for reliability, performance, and the experience of real users in production environments.

C S 270 - Introduction to Machine Learning

Course Information

Course Number
270

Teaching Area
C S

Course Title
Introduction to Machine Learning

Course Description
Understand the fundamental models of machine learning, such as neural networks, decision trees, data mining, clustering, Bayesian learning, ensembles, reinforcement learning, and deep learning. Work with data and machine learning tools in real world applications.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- C S 111 - Introduction to Computer Science
  AND MATH 112 - Calculus 1

OR

Prerequisites

Complete ALL of the following Courses:
- C S 142 - Introduction to Computer Programming
  AND MATH 112 - Calculus 1

Learning Outcomes

Title
Machine Learning Paradigms

Learning Outcome
Identify the different types of machine learning (supervised, unsupervised, reinforcement) and the various types of problems they solve. This broad survey is intellectually enlarging, as it expands the mind's ability to categorize and approach complex, real-world phenomena through a computational lens.

Title
Model Implementation

Learning Outcome
Implement and apply several different machine learning models to a variety of datasets. The technical rigor required to move from theory to a working model is character building, fostering the work ethic and precision necessary to produce reliable, high-quality results.

Title
Performance Evaluation

Learning Outcome
Select and use appropriate evaluation metrics to assess the performance of a machine learning model. This practice of objective self-critique is spiritually strengthening, as it teaches students to value truth and accuracy over preconceived notions or desired outcomes.

Title
Feature Engineering

Learning Outcome
Apply basic feature engineering and data preprocessing techniques to prepare data for machine learning models. This careful preparation of information is a form of stewardship, encouraging students to handle data with the integrity and respect required for honest analysis.

Title
Algorithm Logic

Learning Outcome
Explain the underlying mathematical and logical principles of various machine learning algorithms. Developing a deep understanding of these foundational "laws" of learning provides a bedrock for lifelong learning, allowing students to stay grounded as new and more complex models emerge.

Title
Impact and Ethics

Learning Outcome
Discuss the ethical and societal implications of machine learning, including bias, fairness, and transparency. Grappling with these human-centric challenges is intellectually enlarging and essential for developing the character needed to use advanced technology for the benefit of all.

C S 291 - Careers in Computer Science

Course Information

Course Number
291

Teaching Area
C S

Course Title
Careers in Computer Science

Course Description
Career advising for students in computer science. Advice on resumes, applications, and interviews for internships, full-time jobs, and graduate school. Opportunities to network with other students and with employers.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- C S 111 - Introduction to Computer Science
  AND C S 191 - Exploring Computer Science

Other Prerequisites
Recommend during freshman year or second semester after transferring to BYU

Learning Outcomes

Title
Career Path Discovery

Learning Outcome
Evaluate diverse career opportunities in computer science and identify paths that align with personal strengths and interests. This broad exploration is intellectually enlarging, as students recognize the vast potential for technology to solve global challenges.

Title
Professional Preparation

Learning Outcome
Create professional artifacts, including a resume and an online presence, that accurately reflect technical skills and personal integrity. Developing these tools is character building, requiring an honest and disciplined assessment of one's own progress and goals.

Title
Ethics and Professionalism

Learning Outcome
Analyze ethical scenarios and professional standards common in the technology industry. Engaging with these complex issues is intellectually enlarging and essential for developing the character needed to act as a principled leader in the workplace.

Title
Networking and Community

Learning Outcome
Interact with industry professionals and alumni to build a supportive professional network. Developing these relationships is spiritually strengthening, as students learn to seek mentors and find ways to serve others within their professional community.

Title
Continuous Growth

Learning Outcome
Formulate a long-term plan for professional development and skill acquisition. Establishing this proactive approach to career management fosters a habit of lifelong learning, ensuring students remain adaptable in a rapidly changing technical landscape.

Title
Industry Awareness

Learning Outcome
Identify current trends, required skills, and the social impact of various sectors within the computer science industry. This awareness is intellectually enlarging, helping students understand their future role as stewards of powerful technology.

C S 301R - Topics in Computer Science

Course Information

Teaching Area (new)
C S

Course Number
301R

Teaching Area
C S

Course Title
Topics in Computer Science

Course Description
Undergraduate-level topics as announced.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Data gathering

Tags
204489, 2

Learning Outcome
Because 301R is an experiment course, data on how well the course accomplished the outcomes will be gathered. This will usually be in the form of surveys, exam scores, and project scores.

Title
Experimental course

Tags
204496, 1

Learning Outcome
A 301R course is used by a professor who is teaching an experimental course. Learning outcomes will vary for the course, but these outcomes are evaluated during the vetting process (through the department undergraduate curriculum committee) before the professor is allowed to teach the course. At this level, typical learning outcomes involve computing practice, critical thinking, and more advanced theory.

C S 312 - Algorithm Design and Analysis

Course Information

Teaching Area (new)
C S

Course Number
312

Teaching Area
C S

Course Title
Algorithm Design and Analysis

Course Description
A study of the design and analysis of algorithms as solutions to problems, including dynamic programming, linear programming, greedy algorithms, divide-and-conquer algorithms, graph algorithms, and intelligent search algorithms.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 236 - Discrete Structures
  OR BIO 364 - Bioinformatics Algorithms

Learning Outcomes

Title
Design novel algorithms

Tags
204498, 3

Learning Outcome
Formulate unfamiliar problems in mathematical terms and select appropriate algorithmic paradigms-such as dynamic programming, greedy algorithms, or divide-and-conquer-to design effective solutions. This process of creating order from complexity is spiritually strengthening, as it mirrors the application of divine laws to solve intricate problems.

Title
Analyze asymptotic behavior

Tags
204500, 1

Learning Outcome
Analyze the worst-case time and space complexity of algorithms and compare these findings with empirical results. This rigorous evaluation of efficiency is intellectually enlarging, providing students with the analytical depth to distinguish between surface-level performance and fundamental constraints.

Title
Evaluate computational efficiency

Tags
204502, 4

Learning Outcome
Distinguish between problems and their solutions while categorizing them into complexity classes like P, NP, and NP-Complete. Understanding these boundaries is intellectually enlarging and helps students exercise stewardship by focusing their talents on problems that are practically solvable.

Title
Prove algorithmic correctness

Tags
204499, 0, 2

Learning Outcome
Construct formal proofs to verify that a subset of the algorithms considered in the course function correctly under all conditions. This commitment to provable truth is character building, fostering the integrity and precision required to stand behind one's work with total honesty.

Title
Implement complex solutions

Tags
204501, 0, 5

Learning Outcome
Independently implement selected algorithms using Python to solve motivating, real-world applications. The persistence required to move from abstract theory to a working implementation is character building, while the ability to adapt these solutions to new contexts prepares students for a life of lifelong learning.

C S 324 - Systems Programming

Course Information

Teaching Area (new)
C S

Course Number
324

Teaching Area
C S

Course Title
Systems Programming

Course Description
Systems programming principles and concepts, including Linux systems programming, multiprocessing, concurrency, exceptional control flow, caching, sockets, protocols, and non-blocking I/O.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 224 - Introduction to Computer Systems

Learning Outcomes

Title
Master Linux Systems Programming

Learning Outcome
Utilize Linux APIs and command-line tools to develop software that interacts directly with the operating system. This technical fluency is intellectually enlarging, as it provides students with a comprehensive understanding of the intricate layers between hardware and software.

Title
Implement Multiprocessing and Concurrency

Learning Outcome
Write programs that manage multiple processes and concurrent execution flows. Mastering the coordination of these simultaneous actions is character building, requiring the patience and precision to handle the complexities of "exceptional control flow" with total accuracy.

Title
Optimize Performance through Caching

Learning Outcome
Analyze the impact of caching on system performance and implement strategies to minimize latency. Students will view this optimization of computational resources as a form of stewardship, ensuring their work is a model of professional excellence and efficiency.

Title
Utilize Network Sockets and I/O

Learning Outcome
Develop network-based applications using sockets and non-blocking I/O to facilitate communication between distributed systems. This ability to connect disparate systems is spiritually strengthening, as it prepares students to build tools that foster global communication and service.

Title
Analyze and Refine Systems

Learning Outcome
Perform deep analysis of system-level behavior and refine code to meet rigorous performance standards. This iterative process of discovery and correction encourages lifelong learning, providing students with the investigative mindset needed to master new technologies as they emerge.

C S 329 - Quality Assurance and Developer Operations

Course Information

Teaching Area (new)
C S

Course Number
329

Teaching Area
C S

Course Title
Quality Assurance and Developer Operations

Course Description
Comprehensive production software testing, deployment, and management strategies, focusing on automation, security, quality assurance, continuous integration/deployment, scalability, and resilience.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 260 - Web Programming

Learning Outcomes

Title
Automated Testing (Quality)

Learning Outcome
Implement comprehensive automated testing strategies, including unit, UI, E2E, performance, and load testing. This commitment to rigorous verification is character building, as it requires the professional honesty to expose weaknesses and ensure the integrity of the final product.

Title
CI/CD Pipeline Construction (Deployment)

Learning Outcome
Deploy various automated CI/CD pipeline strategies to reliably deliver software that is resilient, scalable, and secure. Students will view the creation of these robust delivery systems as a form of stewardship, utilizing their technical talents to provide consistent and dependable service to others.

Title
System Monitoring and Correction (Management)

Learning Outcome
Monitor system health, detect anomalies, and implement automated corrections to maintain stability. This proactive management of complex environments is intellectually enlarging, providing students with the analytical skills to maintain order within sophisticated digital infrastructures.

Title
Bridging Knowledge Gaps (Curious)

Learning Outcome
Characterize and address personal gaps in understanding related to DevOps techniques and principles. This practice of self-directed inquiry fosters a habit of lifelong learning, ensuring that students remain capable of adapting to new technical paradigms.

Title
Architectural Innovation (Creative)

Learning Outcome
Discuss and generate alternative DevOps designs to solve specific organizational challenges. Engaging in this creative process is intellectually enlarging, as it challenges students to apply diverse engineering principles to find the most effective and elegant solutions.

Title
Collaborative Problem Solving (Collaborative)

Learning Outcome
Work effectively as a team to discover and mitigate DevOps design weaknesses. This collaborative effort is spiritually strengthening, as students learn to combine their individual strengths to achieve a unified goal and support the growth of their peers.

Title
Principled Application (Christlike)

Learning Outcome
Strive for divine inspiration in the application of technical capabilities toward celestial pursuits. This integration of faith and craft is spiritually strengthening, helping students recognize their professional work as a means to contribute to a higher purpose.

C S 330 - Concepts of Programming Languages

Course Information

Teaching Area (new)
C S

Course Number
330

Teaching Area
C S

Course Title
Concepts of Programming Languages

Course Description
Principles and concepts characterizing high-level computer programming languages, process and data abstration, encapsulation, inheritance, functional programming, logic programming, scanners, and parsers.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- C S 236 - Discrete Structures
  AND C S 260 - Web Programming

OR

Complete ALL of the following Courses:
- C S 236 - Discrete Structures
  AND C S 224 - Introduction to Computer Systems

OR

Complete ALL of the following Courses:
- MATH 290 - Fundamentals of Mathematics
  AND C S 235 - Data Structures and Algorithms

Learning Outcomes

Title
Language Design and Vocabulary

Tags
204299, 2

Learning Outcome
Apply the formal vocabulary of programming language design, syntax, and semantics to evaluate how different languages structure logic and data. This foundational study is intellectually enlarging, as it reveals the underlying principles and orderly laws that govern all computational expression.

Title
Non-Imperative Paradigms

Tags
204435, 0

Learning Outcome
Write functional and logic-based programs using non-imperative language paradigms. Mastering these alternative ways of thinking is spiritually strengthening, as it encourages students to look beyond familiar habits and find elegant, diverse solutions to complex problems.

Title
Semantic Analysis

Learning Outcome
Analyze the behavior and execution models of various programming languages to understand how they manage state, scope, and memory. This rigorous technical investigation is character building, requiring the precision and mental discipline to understand exactly how a system will behave under specific conditions.

Title
Syntactic Structure

Learning Outcome
Define and implement the grammar and syntax rules for a custom language or DSL. This creative process is intellectually enlarging and provides a base for lifelong learning, equipping students with the tools to build their own specialized abstractions as technology evolves.

Title
Comparative Evaluation

Learning Outcome
Evaluate and justify the selection of a programming language for a specific task based on its strengths and limitations. Making these informed judgments is a form of stewardship, preparing students to use the most effective tools to provide meaningful service in their professional lives.

C S 340 - Software Design

Course Information

Teaching Area (new)
C S

Course Number
340

Teaching Area
C S

Course Title
Software Design

Course Description
Use design, development, testing and refactoring techniques to build and evolve reliable, maintainable and scalable software systems. Covers a wide range of design patterns and principles. Also introduces students to software architecture and architectural patterns.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND C S 260 - Web Programming

Learning Outcomes

Title
Software Design Principles

Tags
204300, 2

Learning Outcome
Apply fundamental principles of effective software design to create systems that are modular, extensible, and robust. This pursuit of structural excellence is intellectually enlarging, as students master the abstract logic required to organize complex digital realities.

Title
Design Judgement

Tags
204449, 1

Learning Outcome
Evaluate technical requirements to determine when and how to apply specific design patterns. Cultivating this professional discernment is character building, as it requires the wisdom to balance competing priorities with integrity and foresight.

Title
Document and Communicate Designs

Tags
204301, 3

Learning Outcome
Utilize professional standards to effectively document and communicate software architectures to diverse stakeholders. Developing these communication skills facilitates lifelong learning, ensuring students can share their insights and collaborate effectively throughout their careers.

Title
Cloud Computing Technologies

Tags
209863, 4

Learning Outcome
Implement sophisticated software designs using modern cloud computing platforms. Utilizing these powerful global resources is spiritually strengthening, as students learn to act as capable stewards who can deploy solutions to serve and bless a worldwide community.

C S 345 - Operating Systems Design

Course Information

Teaching Area (new)
C S

Course Number
345

Teaching Area
C S

Course Title
Operating Systems Design

Course Description
Principles and concepts of operating systems design and the implementation of an operating system.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 224 - Introduction to Computer Systems
  AND C S 240 - Advanced Software Construction

Learning Outcomes

Title
Operating System Fundamentals

Tags
204305, 1

Learning Outcome
Describe the core components of an operating system and their implementation across general-purpose, real-time, and embedded applications. Understanding these essential building blocks is intellectually enlarging, as it reveals the sophisticated architecture required to manage modern computing environments.

Title
Process and Resource Management

Tags
204306, 2

Learning Outcome
Define and manage processes, threads, asynchronous signals, and competitive system resource allocation. Mastering the coordination of these elements is character building, requiring the precision and discipline to ensure systems remain stable and fair under heavy demand.

Title
Shell Implementation

Tags
204307, 3

Learning Outcome
Demonstrate how a shell works by creating a functional command-line interface. This exercise in providing a gateway for human-machine interaction is spiritually strengthening, as it empowers students to build tools that facilitate order and productivity.

Title
Scheduling and Multi-Tasking

Tags
204308, 4

Learning Outcome
Outline and implement standard scheduling algorithms for multi-tasking environments. Students will view the efficient allocation of processor time as a form of stewardship, ensuring that system resources are utilized to provide the best possible service to users.

Title
Concurrency and Mutual Exclusion

Tags
204309, 5

Learning Outcome
Apply mutual exclusion principles, including semaphore construction, to manage concurrent programming challenges. This rigorous logical practice is intellectually enlarging and fosters the integrity needed to prevent data corruption and ensure system truthfulness.

Title
Memory and File Systems

Tags
204310, 6

Learning Outcome
Explain the implementation of system memory management and file systems. This deep understanding of how information is preserved and accessed provides a foundation for lifelong learning, allowing students to adapt to new storage and memory paradigms as they evolve.

Title
Comparative OS Analysis

Tags
204311, 7

Learning Outcome
Evaluate the strengths and features of various contemporary operating systems. This broad perspective is intellectually enlarging, helping students become discerning professionals who can choose the right tools for complex technical challenges.

Title
Full OS Construction

Tags
204312, 8

Learning Outcome
Implement a functional, pre-emptive, multi-tasking operating system in C, including a scheduler, file manager, and synchronization components. The persistence and vision required to complete this comprehensive project are character building, leaving students with the confidence to tackle any large-scale engineering feat in their future careers.

C S 355 - Interactive Graphics and Image Processing

Course Information

Teaching Area (new)
C S

Course Number
355

Teaching Area
C S

Course Title
Interactive Graphics and Image Processing

Course Description
Introduces basic concepts of computer graphics and image processing. Includes characteristics of physical cameras and displays; color models; basic image processing algorithms: 2D and 3D homogeneous coordinate transformations; fundamentals of 3D rendering geometry; lighting and shading: image warping and texture mapping; and frequency-domain processing.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

OR

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Learning Outcomes

Title
Mathematics and Geometry

Tags
204458, 1

Learning Outcome
Apply and implement fundamental mathematical concepts-including linear algebra, points, vectors, and matrices-to manipulate numeric data. This rigorous application of mathematical truth is intellectually enlarging, as it reveals the precise geometric laws that govern digital space.

Title
Graphical User Interfaces

Tags
204459, 2

Learning Outcome
Develop modern graphical user interfaces by implementing event handling and Model-View-Controller architectures. Building these intuitive gateways for human interaction is spiritually strengthening, as it empowers students to create tools that facilitate clear communication and productivity.

Title
2D Drawing, Viewing, and Selection

Tags
204460, 3

Learning Outcome
Implement 2D transformations and coordinate compositions to render and manipulate simple shapes. Mastering these foundational techniques is character building, requiring the meticulous attention to detail and patience necessary to ensure visual accuracy and system reliability.

Title
3D Rendering Geometry

Tags
204461, 4

Learning Outcome
Construct 3D perspective renderings using libraries like OpenGL and implement custom shading techniques. This creative process is intellectually enlarging, as students learn to simulate the complexity of the physical world through sophisticated computational models.

Title
Basic Image Processing

Tags
204462, 5

Learning Outcome
Implement point, neighborhood, and image-to-image operations to enhance and filter digital media. Students will view the ability to clarify and improve information as a form of stewardship, utilizing their technical skills to provide high-quality visual resources.

Title
Geometric Operations on Images

Tags
204463, 6

Learning Outcome
Execute image warping using backward-mapping approaches to transform digital assets. The persistence required to master these complex spatial mappings fosters character building, encouraging students to solve difficult problems with resilience.

Title
Color Models

Tags
204464, 7

Learning Outcome
Utilize the language and principles of common color models to represent and manipulate digital light. This deeper understanding of how we perceive and reproduce the world is spiritually strengthening, fostering an appreciation for the beauty and order inherent in our environment.

Title
Continuous Innovation

Learning Outcome
Research and apply emerging graphics techniques to solve novel visualization challenges. This proactive approach to staying current in a fast-moving field establishes a habit of lifelong learning, preparing students for a career of constant discovery.

C S 356 - Advanced Techniques in Human Computer Interaction

Course Information

Teaching Area (new)
C S

Course Number
356

Teaching Area
C S

Course Title
Advanced Techniques in Human Computer Interaction

Course Description
This class combines designing the user experience with implementing the technology. Students learn website design, information architecture, and how to design for the broader ecosystem of use. Finally, students will learn principles specifically relevant to website design and information architecture. Web design is one of the most common UX jobs and so this makes their skills highly marketable.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 256 - Introduction to Human Computer Interaction
- C S 260 - Web Programming

Learning Outcomes

Title
Analyze the Context of a Design Problem

Tags
213402, 0, 1, 2023-08-29 07:30:01

Learning Outcome
Students will learn how to analyze secondary data related to their design problem in order to understand the context in which people are using a given technology. Namely, this class goes beyond just interviewing users and to analyzing multiple sources of data that helps them understand the context in which the users are using the technology. This could include analyzing bug report, comments on social media, Q&A forums, other documentation about the topic, interview transcripts from multiple sets of stakeholders (e.g., users v. non users). This deep analytical dive is intellectually enlarging, training the mind to discern subtle patterns and truths within complex human behaviors.

Title
Design the Different Stakeholders.

Tags
213403, 0, 2, 2023-08-29 07:30:02

Learning Outcome
Students will be able to apply methods such as Personas to represent multiple stakeholders who are affected by the technology. This will allow them to analyze the characteristics of and segment the target population. This empathetic modeling is character building, as it requires students to look beyond their own perspectives and advocate for the needs of a diverse global community.

Title
Apply Advanced Design Principles

Tags
213404, 0, 3, 2023-08-29 07:30:04

Learning Outcome
Understand and apply design patterns and theories of information to the design of an online systerm. Mastering these high-level frameworks is intellectually enlarging and provides a foundation for lifelong learning, allowing students to adapt their craft as interface paradigms evolve.

Title
Implement Functional Prototype

Tags
213405, 0, 4, 2023-08-29 07:30:05

Learning Outcome
Students will be able to specify and implement/create a functional prototype that improves on the user experience of the design problem. The discipline required to move from an abstract concept to a working, high-fidelity tool is character building, fostering the persistence and technical integrity needed for professional success.

Title
Evaluate Design Improvement

Tags
213406, 0, 5, 2023-08-29 07:30:06

Learning Outcome
Students will be able to compare different designs to determine which has a better user experience using techniques such as A/B testing. This could be comparing the existing website that they have been analyzing, with a newly proposed/implemented website design for the same organization. This iterative process of testing and refinement is spiritually strengthening, teaching students to embrace a humble, truth-seeking approach to their own work.

Title
Design effective computing experiences for people

Learning Outcome
Designing effective computing experience for people requires the ability to: Create solutions for real problems that people encounter, Design a computing experience that is visually and interactively pleasing, Iteratively refine design prototypes. This pursuit of design excellence is spiritually strengthening, as students learn to use their creative agency to improve the lives and daily experiences of others.

C S 393 - Collaborative Problem Solving

Course Information

Teaching Area (new)
C S

Course Number
393

Teaching Area
C S

Course Title
Collaborative Problem Solving

Course Description
Strengthen problem-solving skills through targeted practice to prepare for technical/coding interviews (a key challenge when job interviewing). Building on techniques from CS 312, learn to collaborate and quickly identify and apply appropriate strategies to problems.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis

Other Prerequisites
or instructor consent

Learning Outcomes

Title
Demonstrate problem solving

Learning Outcome
Students will be able to solve problems quickly to enable them to be competitive in technical Interviews. This pursuit of technical mastery is intellectually enlarging, sharpening the mind to identify optimal solutions under pressure.

Title
Collaborative Synthesis

Learning Outcome
Collaborate with peers to decompose and solve multi-faceted technical challenges. This teamwork is spiritually strengthening, as students learn to value diverse perspectives and support one another in achieving a unified goal.

Title
Build problem-solving strategies

Learning Outcome
Students will build on the algorithms and problem-solving strategies that they were taught and had limited practice with in CS 312. learning primarily through targeted practice. The persistence required to master these difficult concepts is character building, as it fosters the resilience and work ethic needed to overcome significant obstacles.

Title
Technical Stewardship

Learning Outcome
Communicate algorithmic logic and design decisions clearly and ethically. Students will view the ability to solve problems effectively as a form of stewardship, preparing them for a life of service where their skills can be used to bless others.

Title
Adaptable Expertise

Learning Outcome
Independently research and implement novel algorithmic approaches to unfamiliar problems. Establishing this habit of self-directed discovery facilitates lifelong learning, ensuring students remain capable of solving the "next generation" of technical hurdles.

C S 401R - Topics in Computer Science

Course Information

Teaching Area (new)
C S

Course Number
401R

Teaching Area
C S

Course Title
Topics in Computer Science

Course Description
Undergraduate level subjects as announced before each semester.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Special Topics

Tags
204436, 0

Learning Outcome
Students will learn about a topic in Computer Science not covered in the traditional courses. This expansion of technical boundaries is intellectually enlarging, as it challenges students to integrate new discoveries into their existing mental models of the field.

C S 404 - Ethics and Computers in Society

Course Information

Teaching Area (new)
C S

Course Number
404

Teaching Area
C S

Course Title
Ethics and Computers in Society

Course Description
Societal impact of computer technology, the computer scientist's place in society, ethical issues. Reading, discussion, and writing seminar.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND WRTG 316 - Technical Communication

Learning Outcomes

Title
Integrate Gospel Principles

Tags
204314, 2

Learning Outcome
Synthesize connections between the restored gospel of Jesus Christ and the challenges of a professional career. This reflective practice is spiritually strengthening, as students learn to harmonize their technical labor with their eternal identity and purpose.

Title
Critique Evolving Technologies

Tags
204315, 3

Learning Outcome
Analyze and evaluate complex ethical dilemmas resulting from emerging technologies through rigorous written analysis and group debate. Developing this critical lens is intellectually enlarging, training the mind to look beyond surface-level utility to discern the deeper impact of innovation on human dignity.

Title
Synthesize Historical Context

Tags
204316, 4

Learning Outcome
Apply insights from the history of computing to anticipate future industry shifts and prepare for the challenges of tomorrow. This historical perspective fosters a commitment to lifelong learning, helping students recognize that their education must be a continuous, active pursuit in a rapidly changing world.

Title
Formulate Professional Integrity

Tags
204416, 1

Learning Outcome
Construct a personal framework for ethical decision-making that prioritizes honesty, transparency, and accountability in the workplace. Committing to these high standards is character building, preparing students to act with unwavering integrity regardless of professional or social pressure.

Title
Advocate for Societal Good

Learning Outcome
Communicate and present technical ideas in a persuasive, professional manner that advocates for the ethical use of technology. Mastering these communication skills equips students for a life of service, enabling them to use their expertise to bless their families, communities, and the world.

C S 405 - Creating and Managing a Software Business

Course Information

Teaching Area (new)
C S

Course Number
405

Teaching Area
C S

Course Title
Creating and Managing a Software Business

Course Description
Entrepreneurship, idea/opportunity generation, strategic planning, legal organization, product development, marketing/sales, customer support, fund raising, and effective management.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND WRTG 316 - Technical Communication

Learning Outcomes

Title
Market Discernment

Tags
204317, 1

Learning Outcome
Analyze market dynamics and technical trends to identify genuine opportunities for impactful innovation. This rigorous investigation is intellectually enlarging, training the mind to find truth and value within complex social and economic systems.

Title
Venture Composition

Learning Outcome
Compose a comprehensive business plan for a proposed software company. This act of purposeful creation is spiritually strengthening, as students learn to transform a visionary idea into an organized and functional reality.

Title
Management Stewardship

Learning Outcome
Formulate a leadership strategy that prioritizes ethical integrity and the professional growth of team members. Committing to these standards is character building, preparing students to act as responsible stewards of human and technical resources.

Title
Adaptive Strategy

Learning Outcome
Construct financial and operational models that ensure the long-term viability and flexibility of an enterprise. This focus on sustainable growth encourages lifelong learning, equipping students with the foresight to navigate the evolving challenges of the global marketplace.

C S 412 - Linear Programming and Convex Optimization

Course Information

Teaching Area (new)
C S

Course Number
412

Teaching Area
C S

Course Title
Linear Programming and Convex Optimization

Course Description
Optimization, problem formulation, and solution algorithms, including simplex and interior point methods. Applications from control, data mining, finance, game theory, learning, network flow, operations research, and statistical estimation.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Mathematical Foundations

Tags
204318, 1

Learning Outcome
Develop a fluency in the mathematical foundations needed to pose optimization problems, including an appreciation for the role of convexity in characterizing solvable problems. This rigorous conceptualizing is intellectually enlarging, training the mind to identify the structured, solvable essence within complex situations.

Title
Simplex Method

Tags
204319, 2

Learning Outcome
Develop a fluency with the Simplex Method as a solution technique to Linear Programming problems. Understand how it exploits the linear nature of the problem to yield good average-case performance while failing to be efficient in the worst-case. Navigating these computational realities is character building, as it requires the meticulous logic and persistence to handle large-scale data with total accuracy.

Title
Duality Theory

Tags
204320, 4

Learning Outcome
Understand the meaning of weak and strong duality and their role in the design and verification of algorithmic solutions to optimization problems. Students will find this exploration spiritually strengthening as they observe the inherent balance and profound symmetry that governs mathematical truth.

Title
Sensitivity Analysis

Tags
204396, 5

Learning Outcome
Be able to characterize how to perturb the data of an existing problem so that its solution remains optimal for the new, perturbed problem. Developing this predictive foresight fosters a capacity for lifelong learning, enabling students to adapt their strategies as environments and information evolve.

Title
Interior Point Methods

Tags
204454, 4

Learning Outcome
Develop a fluency with interior point methods for solving Linear Programming problems and understand how these solutions may be extended to solve nonlinear, convex optimization problems. Expanding one's technical repertoire in this way is intellectually enlarging, providing a more comprehensive understanding of the universal principles of optimization.

Title
Applications

Learning Outcome
Explore the role of Linear and Convex Programming in a variety of applications, including 1) Finance, 2) Game Theory, 3) Regression, and 4) Computer Networking. This practical application of high-level theory is a form of stewardship, preparing students to use their specialized talents in meaningful service to their professions and communities.

C S 416 - Advanced Algorithms

Course Information

Course Number
416

Teaching Area
C S

Course Title
Advanced Algorithms

Course Description
Advanced Algorithms and Problem Solving topics including combinatorics, prime number theory, network flow and matching, computational geometry, randomized algorithms, advanced dynamic programming, algorithms and data structures for strings, trees, graphs and sequences.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- C S 312 - Algorithm Design and Analysis

Learning Outcomes

Title
Intractable Landscapes

Learning Outcome
Map the boundaries of computational possibility by proving the NP-completeness of diverse, real-world problems. This rigorous mapping of human and technical limits is intellectually enlarging, as it defines the scope of what is solvable within the physical laws of our universe.

Title
Principled Approximations

Learning Outcome
Construct and verify approximation algorithms that provide guaranteed performance for computationally "hard" problems. Navigating these intractable spaces with high-quality, albeit non-optimal, results is character building, requiring the professional humility and persistence to find the "best possible" path when perfection is out of reach.

Title
Probabilistic Insights

Learning Outcome
Harness randomness to design randomized algorithms that achieve efficiency and simplicity beyond the reach of deterministic approaches. Discovering the elegant order and reliable truth found within probabilistic logic is spiritually strengthening, as it reveals the sophisticated patterns governing seemingly chaotic systems.

Title
Dynamic Resource Evaluation

Learning Outcome
Apply amortized analysis and competitive ratios to guarantee the efficiency of online algorithms and evolving data structures over time. Developing these advanced analytical toolsets fosters a capacity for lifelong learning, providing students with enduring frameworks to evaluate the performance of technologies that have yet to be invented.

Title
Scalable Parallelism

Learning Outcome
Architect parallel algorithms that distribute complex workloads across multiple processing units to solve large-scale societal challenges. This commitment to the efficient use of shared computational power is a form of stewardship, preparing students to use their technical talents in meaningful service to a global community.

C S 418 - Bioinformatics Algorithms

Course Information

Course Number
418

Teaching Area
C S

Course Title
Bioinformatics Algorithms

Course Description
Students are introduced to bioinformatics algorithms, which are used to study diverse areas of biology. They gain experience implementing many of these algorithms and understand how these algorithms are leveraged to analyze biological datasets.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- C S 240 - Advanced Software Construction

Recommended
Foundational statistical inference class

Learning Outcomes

Title
Characteristics of Bioinformatics Algorithms

Learning Outcome
Students will be able to compare, evaluate, and justify the heuristics, limitations, and advantages of different algorithmic approaches used to analyze diverse types of biological data.

Title
Bioinformatic Algorithm Implementation

Learning Outcome
Students will be able to design, implement, and debug bioinformatics algorithms in Python and validate their outputs against expected results.

Title
Primary Literature

Learning Outcome
Students will be able to critically read, interpret, and evaluate peer-reviewed publications that describe bioinformatics methods, including identifying research questions, algorithmic approaches, and key findings.

Title
Character Building

Learning Outcome
Students will be able to recognize and articulate Christlike attributes demonstrated by their peers during collaborative work, explain how these attributes contribute to collective learning, and reflect on their own character development by identifying personal strengths and areas for growth.

Title
Lifelong Learning

Learning Outcome
Students will be able to leverage technology to enhance the efficiency and effectiveness of their learning and work. When applying technology to academic or professional tasks, students will demonstrate discernment by upholding ethical standards and academic integrity.

C S 428 - Software Engineering

Course Information

Teaching Area (new)
C S

Course Number
428

Teaching Area
C S

Course Title
Software Engineering

Course Description
Analysis, design, implementation, and testing of significant software systems.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 340 - Software Design

Learning Outcomes

Title
Group Dynamics

Tags
204321, 1

Learning Outcome
Contribute effectively to a high-functioning development team to navigate the complexities of a significant project. Learning to value the strengths of others and foster collaborative unity is spiritually strengthening, as students practice the charity and selflessness required to build a Zion-like community.

Title
Software Engineering Fundamentals

Tags
204322, 2

Learning Outcome
Apply systematic engineering practices-including requirements analysis, architectural modeling, and rigorous testing-to ensure the production of reliable, high-quality software. Mastering these logical frameworks is intellectually enlarging, providing students with the cognitive depth to manage the inherent chaos of large-scale systems.

Title
Software Ethics

Tags
204323, 3

Learning Outcome
Evaluate the profound societal and moral impacts of software development through the lens of professional standards and personal values. This commitment to principled discernment is character building, equipping students with the integrity to prioritize human welfare and honesty in their future professional service.

C S 430 - Formal Verification

Course Information

Course Number
430

Teaching Area
C S

Course Title
Formal Verification

Course Description
Introduction to mathematical formalization and techniques to rigorously establish properties of data structures, functions, and whole programs, including imperative features. Students use a proof assistant embedding several languages including an advanced functional
language.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ANY of the following Courses:
- C S 330 - Concepts of Programming Languages
  OR MATH 290 - Fundamentals of Mathematics

Learning Outcomes

Title
Formal Specification

Learning Outcome
Construct formal specifications for complex computer systems using mathematical logic. This rigorous process is intellectually enlarging, as it requires students to translate abstract requirements into precise, unambiguous structures that reveal the fundamental nature of a system.

Title
Property Verification

Learning Outcome
Use formal verification tools to prove critical properties and invariants of system specifications. This pursuit of absolute correctness is spiritually strengthening, as it teaches students to value and seek after provable truths that mirror the consistency of divine laws.

Title
Verification Toolsets

Learning Outcome
Apply a diverse range of automated tools, such as Model Checkers, SAT solvers, SMT solvers, and Theorem Provers, to identify system vulnerabilities. Mastering these advanced instruments is character building, requiring the patience and meticulous attention to detail necessary to ensure that mission-critical systems are truly safe and reliable.

Title
Correctness and Stewardship

Learning Outcome
Evaluate the correctness of digital infrastructures to prevent catastrophic failures in real-world applications. Developing the ability to verify that a system does exactly what it is intended to do is a form of stewardship, preparing students for a life of service where they protect the welfare and security of their communities.

C S 431 - Algorithmic Languages and Compilers

Course Information

Teaching Area (new)
C S

Course Number
431

Teaching Area
C S

Course Title
Algorithmic Languages and Compilers

Course Description
Formal description of algorithmic languages and techniques used in their compilation: semantics, ambiguities, procedures, replication, iteration, recursion.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 340 - Software Design

Learning Outcomes

Title
Compiler Engineering

Tags
204324, 1

Learning Outcome
Construct a complete, functional compiler that translates a high-level Java subset into executable machine code for an embedded microprocessor. The grit and persistence required to engineer this complex system from the ground up is character building, reinforcing a commitment to professional excellence and technical resilience.

Title
Algorithmic Integration

Tags
204325, 2

Learning Outcome
Incorporate sophisticated data structures and algorithms-including tree traversals, graph-based analysis, and formal proof systems-to manage the intricate stages of code translation. This deep dive into the mechanics of language is intellectually enlarging, as it demands a rigorous and comprehensive architecture of thought.

Title
Cross-Domain Synthesis

Tags
204326, 3

Learning Outcome
Synthesize and adapt compiler design patterns and optimization techniques to solve unconventional problems in diverse software domains. Developing this versatile mindset prepares students for lifelong learning, providing them with a permanent toolkit to navigate future technical evolutions.

Title
Mental model of compilation

Tags
204327, 4

Learning Outcome
Evaluate and refine application-level code by predicting its low-level transformation into machine instructions or bytecode. Mastering this "under-the-hood" perspective is spiritually strengthening, as it reveals the hidden order and consistent laws that govern the translation of abstract thought into physical action.

C S 450 - Computer Vision

Course Information

Teaching Area (new)
C S

Course Number
450

Teaching Area
C S

Course Title
Computer Vision

Course Description
Introduction to principles, algorithms, and techniques that allow computers to analyze images and video, including feature detection, image classification, object detection and recognition, segmentation, and 3D perception.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 270 - Introduction to Machine Learning
  AND C S 312 - Algorithm Design and Analysis
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Recommended
C S 355 and
Stat 121 or Stat 201

Learning Outcomes

Title
Introduction to Digital Signal and Image Processing

Learning Outcome
Understand and apply the following: Sampling and quantization of image information Camera properties and the acquisition of images Mathematics of image-space transformations Fourier transforms and filtering

Title
Digital Foundations

Learning Outcome
Digitize physical signals by implementing sampling and quantization strategies to create accurate digital representations. Mastering this translation from the physical to the digital is intellectually enlarging, as it challenges students to bridge the gap between continuous reality and discrete data.

Title
Image Acquisition

Learning Outcome
Model the acquisition process by characterizing camera properties and sensor behaviors. Developing this technical depth is character building, fostering the meticulous attention to detail and professional integrity required for reliable data collection.

Title
Spatial Transformations

Learning Outcome
Execute image-space transformations to manipulate and reproject visual perspectives through rigorous mathematical logic. Students will find this practice spiritually strengthening as they witness the elegant, consistent laws of geometry that bring order to our visual environment.

Title
Frequency Domain Analysis

Learning Outcome
Synthesize Fourier transforms and frequency filters to extract clarity and meaning from complex visual information. Acquiring this profound analytical lens fosters a capacity for lifelong learning, providing a versatile toolkit that remains relevant across a career of evolving signal processing technologies.

C S 452 - Database Modeling Concepts

Course Information

Teaching Area (new)
C S

Course Number
452

Teaching Area
C S

Course Title
Database Modeling Concepts

Course Description
Database models: relational, deductive, object-oriented. Integrity constraints, query languages, database design.

Department
Computer Science

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

Learning Outcomes

Title
Database Design

Tags
204328, 1

Learning Outcome
Be able to design and develop relational database applications. This includes conceptual modeling and normalization theory.

Title
Current Challenges

Tags
204329, 2

Learning Outcome
Be familiar with some of the current challenges facing database professionals.

Title
Data Considerations

Tags
204330, 3

Learning Outcome
SQL - Become competent at querying SQL across leetcode problems (MySQL and PostgreSQL) AI - Agentic AI, retrieval augmented generation, and semantic search. High Velocity Data Systems - Recovery, scale out, resilience, availability, consistent hashing, NoSQL, data change notifications, and consistent stateful distributed systems relevant today Large Data Systems - Introduction to Spark, Kusto, Kafka, Data Warehousing, ETL Data Security - Theory, RLS on Supabase

Title
Motivation

Tags
204331, 4

Learning Outcome
- Students will reflect on why God has led them to be in this class and learn these concepts. - Students will explore potential applications of class-relevant technology that could bless the world - that they could be a part of. - Students will choose an area of deep study and rigoursly and with much effort and dedication build something worth sharing.

C S 453 - Fundamentals of Information Retrieval

Course Information

Teaching Area (new)
C S

Course Number
453

Teaching Area
C S

Course Title
Fundamentals of Information Retrieval

Course Description
Concepts and terminology of information retrieval (IR) systems. Design methodologies and issues. Fundamental IR models examined: Boolean, Vector Space, Probabilistic models, and evaluation strategies.

Department
Computer Science

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

Learning Outcomes

Title
Understand and evaluate fundamental IR models

Tags
204466, 3

Learning Outcome

Boolean
Vector Space
Probabilistic

Title
Query Construction

Tags
204469, 5

Learning Outcome
Represent user's information needs, refine user's queries, and construct query results using snippets and categories

Title
Query Processing

Tags
204470, 4

Learning Outcome
Extract, parse, index, and classify source information for query processing

Title
Machine Learning

Tags
204471, 6

Learning Outcome
Categorize, cluster, and filter query results using various supervised and unsupervised learning strategies

Title
Analysis

Tags
204472, 7

C S 455 - Computer Graphics

Course Information

Teaching Area (new)
C S

Course Number
455

Teaching Area
C S

Course Title
Computer Graphics

Course Description
Interactive computer graphics systems programming and architecture.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- C S 355 - Interactive Graphics and Image Processing
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Learning Outcomes

Title
Understanding fundamental principles of computer graphics

Tags
204439, 1

Learning Outcome
Students will be proficient in basic computer graphics algorithms such as modeling, trnasformations and rendering.Students will design and code solutions to several programming problems in graphics using algorithms and data structures.In addition, sutudents will use these techniques to program a large semester project.

C S 456 - Mobile and Ubiquitous Human-Computer Interaction

Course Information

Teaching Area (new)
C S

Course Number
456

Teaching Area
C S

Course Title
Mobile and Ubiquitous Human-Computer Interaction

Course Description
Iterative user experience design for mobile and ubiquitous computing with an emphasis on conceptualization and prototyping in specific contexts. Complete an open-ended project from initial design through functional prototype, with design and critique sessions.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 356 - Advanced Techniques in Human Computer Interaction

Learning Outcomes

Title
Develop Effective User Interfaces

Tags
213407, 0, 1, 2023-08-29 07:30:25

Learning Outcome
Understand and apply the following: Multiple mechanisms for receiving information from people and presenting information to people. The geometry of basic shapes and how to use the geometry to solve basic interaction problems. Algorithms for user interface layout management. Models for specifying and evaluating user input dialogs. This outcome is Intellectually Enlarging, requires "rigorous" mental discipline and the application of mathematical and algorithmic "depth" to create professional-grade software.

Title
Needs analysis

Tags
213408, 0, 2, 2023-08-29 07:30:26

Learning Outcome
Conduct inductive research to characterize the specific needs of a user community. This supports Lifelong Learning and Service by training students to use technical skills to "go forth to serve" and improve the lives of others.

Title
Mobile sensors

Tags
213409, 0, 3, 2023-08-29 07:30:28

Learning Outcome
Implement mobile phone applications that use sensors found in a mobile phone. This focuses on "the commonality of all disciplines" by bridging hardware engineering with software development, broadening the student's technical perspective.

Title
Screenless applications

Tags
213410, 0, 4, 2023-08-29 07:30:29

Learning Outcome
Design and implement screenless interaction models using small portable computers. This is Spiritually Strengthening as it explores "calm computing" that respects user agency and reduces the digital distractions that can "smother the soul."

Title
Theory

Tags
213411, 0, 5, 2023-08-29 07:30:36

Learning Outcome
Evaluate current trends in ubiquitous computing by critiquing them through the lens of HCI theories. This builds Character by requiring "integrity and modest" judgment when assessing the social and ethical impact of "always-on" technology.

Title
Evaluation of prototypes

Learning Outcome
Assess the strengths and weaknesses of an interactive system by organizing and executing user-centric evaluations. This is Character Building, as students must practice "humility and honesty" when receiving and acting upon critical user feedback.

C S 460 - Computer Communications and Networking

Course Information

Teaching Area (new)
C S

Course Number
460

Teaching Area
C S

Course Title
Computer Communications and Networking

Course Description
Introduction to data communications and computer networking. Communications fundamentals, computer networks, software, architecture, telecommunications, regulation, standards.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 235 - Data Structures and Algorithms

Learning Outcomes

Title
Internet Architecture

Tags
204332, 1

Learning Outcome
Analyze the fundamental principles of Internet architecture to explain how modularity and layering support global scalability; this fulfills the Intellectually Enlarging aim by providing a "broadening" perspective on how complex global systems are organized through rigorous logical frameworks.

Title
Internet Design

Tags
204333, 2

Learning Outcome
Diagram and evaluate the functional flow of data through the Internet stack, from the transport layer down to the physical layer; this outcome is Intellectually Enlarging as it requires students to master technical "depth" and understand the "commonality of disciplines" between software logic and physical transmission.

Title
Internet Implementation

Tags
204334, 3

Learning Outcome
Construct and simulate functional transport, routing, and MAC protocols to solve real-world data transmission challenges; this supports the Character Building aim by requiring the "sustained effort" and "integrity" needed to debug complex systems and achieve technical excellence.

Title
Internet Research

Tags
204335, 4

Learning Outcome
Critique contemporary research papers in computer networking to identify emerging trends and potential societal impacts; this fosters Lifelong Learning and Service by developing the ability to "keep pace with the rapidly advancing" field and maintaining a "lively curiosity" regarding technological change.

Title
Scholarly Communication

Tags
204336, 5

Learning Outcome
Demonstrate the ability to effectively conduct, describe and report on an experimental research project in the area of computer networking. this advances the Character Building aim as students must practice "honesty" in reporting data and "responsibility" in communicating technical truths to their peers.

C S 462 - Large-Scale Distributed System Design

Course Information

Teaching Area (new)
C S

Course Number
462

Teaching Area
C S

Course Title
Large-Scale Distributed System Design

Course Description
Principles and concepts of designing and building distributed systems. Introduction to architectures for distributed computation. Reliability, availability, and scalability of large applications. Cloud computing and APIs.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 324 - Systems Programming

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites

or equivalent experience.

Note

Students are allowed 1 repeat of each C S undergraduate course (all 100-, 200-, 300- or 400-level courses). This includes all students who received any grade including those who withdraw (receive a "W" grade) from a C S course. Students must wait 1 semester/term before being allowed to take a course they have failed twice. Petitions for exceptions to the policy can be completed at cs.byu.edu/undergraduate-handbook/retake-policy-cs-courses/.

Learning Outcomes

Title
Computational Practice

Tags
204507, 1

Learning Outcome
Students can implement programming projects that display knowledge of a variety of distributed system architectural styles. Some of these assignments represent significant programming projects with wide leeway in design and implementation choices. Students will analyze problems, determine solutions within an assigned architectural style, and successfully implement those solutions. Students will design and implement projects both individually and as part of a team. Students will use cloud-based systems to run and implement assignments Students will manage a cloud-based Web server and properly configure it. this fulfills the Intellectually Enlarging aim by requiring students to master the technical "depth" and rigorous logic necessary for scalable system design.

Title
Computational Theory

Tags
204508, 2

Learning Outcome
Students will understand the proper use of distributed and decentralized architectures and algorithms including RESTful APIs Hierarchical vs heterarchical system architectures MapReduce Distributed Hash Tables Event-driven system Peer-to-peer architectures including Paxos, gossip protocols, and blockchain Students will understand theoretical concepts and limitations of distributed systems including network practicalities such as latency, bandwidth, topology, cost, heterogeneity, security CAP theorem distributed transactions serialization identity and naming cryptography simultaneity This outcome is Intellectually Enlarging as it bridges the "commonality of disciplines" between abstract mathematics and physical network realities like latency and security.

Title
Critical Thinking and Communication

Tags
204509, 3

Learning Outcome
Students will interact with peers in meaningful discussion, lead discussions in peer groups, prepare written reports, and make oral presentations. This advances the Character Building aim by requiring students to practice "honesty" in their reporting and "responsibility" in communicating technical truths to their colleagues.

Title
Ethics and Computing

Tags
204510, 4

Learning Outcome
Students will be presented with societal outcomes of technological choices in distributed and decentralized systems, analyze those outcomes, explore possible alternatives from different choices, and present their findings in small groups. This aligns with the Spiritually Strengthening aim by challenging students to ensure technology serves others without becoming a digital distraction that "smothers the soul."

C S 465 - Computer Security

Course Information

Teaching Area (new)
C S

Course Number
465

Teaching Area
C S

Course Title
Computer Security

Course Description
Provides a broad introduction to computer security. Topics include operating system security, software security, cryptography, authentication, web security, and threat modeling.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- C S 224 - Introduction to Computer Systems
  AND C S 260 - Web Programming

OR

Prerequisite

Complete ALL of the following Courses:

- EC EN 224 - Introduction to Computer Systems
  AND C S 260 - Web Programming

Learning Outcomes

Title
Build a system

Learning Outcome
Implement a cryptographic algorithm from a standards specification to ensure data integrity and confidentiality. This fulfills the Intellectually Enlarging aim by requiring the rigorous mental discipline and technical "depth" necessary to master complex mathematical standards.

Title
Break and fix a system

Learning Outcome
Demonstrate how attackers compromise real-world systems and construct specific defenses to prevent these attacks. This outcome is Character Building as it requires students to maintain "integrity and responsibility" while handling powerful tools that could be used for harm.

Title
Ethical Security Analysis

Learning Outcome
This aligns with the Spiritually Strengthening aim by challenging students to build technology that protects individuals rather than creating damaging digital environments.

Title
Vulnerability Research

Learning Outcome
Analyze contemporary security vulnerabilities and critique the effectiveness of current industry patches and protocols. This fosters Lifelong Learning and Service by developing the ability to "keep pace with the rapidly advancing" threats in the cybersecurity landscape.

C S 466 - Blockchain Technologies

Course Information

Course Number
466

Teaching Area
C S

Course Title
Blockchain Technologies

Course Description
Technical underpinnings of blockchain-based systems, including cryptocurrency, smart contracts, decentralized finance (De-Fi), and Web3. Explores which problems are suitable for a blockchain-based solution and discusses arguments in favor and against blockchain systems.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- C S 312 - Algorithm Design and Analysis

Learning Outcomes

Title
Implementation

Tags
213412, 0, 1, 2023-08-29 07:30:45

Learning Outcome
Design and Design and implement a simple blockchain, a Merkle tree, and a proof-of-work algorithm. This fulfills the Intellectually Enlarging aim by requiring students to master the technical "depth" and rigorous logic necessary to build decentralized systems.a simple blockchain, a Merkle tree, and a proof-of-work algorithm.

Title
Problem Fit

Tags
213413, 0, 2, 2023-08-29 07:30:47

Learning Outcome
Given a problem, articulate why it may or may not be a good fit for a blockchain. This outcome is Intellectually Enlarging as it requires a "broadening" of perspective to understand how technical solutions must align with real-world needs.

Title
Smart Contract Security

Tags
213414, 0, 3, 2023-08-29 07:30:48

Learning Outcome
Understand smart contract security by breaking and fixing Solidity smart contracts. This supports the Character Building aim by requiring students to maintain high standards of "integrity and responsibility" while handling financial and cryptographic protocols.

Title
Trade-offs

Tags
213415, 0, 4, 2023-08-29 07:30:50

Learning Outcome
Present arguments for and against cryptocurrency systems. This aligns with the Spiritually Strengthening aim by challenging students to consider how technology affects human agency and whether it fosters a community of "brotherly love" or creates digital environments that distract from higher priorities.

C S 470 - Introduction to Artificial Intelligence

Course Information

Teaching Area (new)
C S

Course Number
470

Teaching Area
C S

Course Title
Introduction to Artificial Intelligence

Course Description
Introduction to core areas of artifical intelligence; intelligent agents, problem solving and search, knowledge-based systems and inference, planning, uncertainty, learning, and perception.

Department
Computer Science

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND MATH 215 - Computational Linear Algebra
  AND STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND MATH 215 - Computational Linear Algebra
  AND STAT 201 - Statistics for Engineers and Scientists

OR

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Recognize problems that can use AI methods

Tags
204339, 1

Learning Outcome
from business, medicine, robotics, gaming, and machine learning. This fulfills the Intellectually Enlarging aim by providing a "broadening" perspective on how computational intelligence can be applied across diverse human disciplines.

Title
Identify the component elements of the problem

Tags
204340, 2

Learning Outcome
Does it require basic control? Does it involve uncertain reasoning? Does it have a simple goal, sophisticated utility, or multiple attributes? Does it require sequential choice or planning? How may decision makers are involved? This outcome is Intellectually Enlarging as it requires the "rigorous" mental discipline and analytical depth needed to understand the underlying structure of intelligent behavior.

Title
Formalize the problem in a way that is amenable to a solution

Tags
204341, 3

Learning Outcome
What is the internal representation? What performance criteria are relevant? What is the nature of the environment? What are the actuators? What are the sensors? What are the agent's utilities? How is uncertainty represented? This supports the Character Building aim by requiring "sustained effort" and technical "integrity" in translating abstract goals into precise, functional implementations.

Title
Be able to analyze, implement, and experiment with several A

Tags
204342, 4

Learning Outcome
Uninformed, informed, constraint-satisfaction, hill-climbing, and stochastic (e.g., genetic algorithms) search Markov provesses, Bayes rule, Bayes nets, Hidden Markov Models, Grid Filters, and Kalman Filters Expected utility theory Multi-attribute utility theory Sequential choice under uncertainty: value and policy iteration Minimax solutions from game theory: alpha-beta pruning This advances the Intellectually Enlarging aim by bridging theoretical mathematics with practical engineering to master the "commonality of disciplines."

Title
Analyze and communicate solution quality

Tags
204343, 5

Learning Outcome
Determine whether your solution is correct Express the quality of your solution Value the need to communicate your solution to others This advances the Character Building aim as students must practice "honesty" in reporting experimental results and "responsibility" in communicating the impact of their technical findings to others.

C S 471 - Voice User Interfaces

Course Information

Teaching Area (new)
C S

Course Number
471

Teaching Area
C S

Course Title
Voice User Interfaces

Course Description
Methods and development platforms for Voice User Interfaces. Principles of effective design; differences from visual or menu-based interfaces' mechanics of automatic speech recognition, intent detection, slot filling, dialog state tracking, text generation, and knowledge representation.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

Recommended
Students should be proficient in basic coding skills and familiar with Python

Learning Outcomes

Title
Develop a voice interface for a program

Learning Outcome
Methods and development platforms for Voice User Interfaces. Principles of effective design; differences from visual or menu-based interfaces' mechanics of automatic speech recognition, intent detection, slot filling, dialog state tracking, text generation, and knowledge representation. This fulfills the Intellectually Enlarging aim by requiring students to master the technical "depth" of natural language processing while understanding the "commonality of disciplines" between linguistics and computer science.

C S 472 - Introduction to Machine Learning

Course Information

Teaching Area (new)
C S

Course Number
472

Teaching Area
C S

Course Title
Introduction to Machine Learning

Course Description
Machine learning models and other mechanisms allowing computers to learn and find knowledge from data.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND MATH 215 - Computational Linear Algebra
  AND STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND MATH 215 - Computational Linear Algebra
  AND STAT 201 - Statistics for Engineers and Scientists

OR

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Recognize

Tags
204344, 2

Learning Outcome
You will be able to recognize when machine learning and data mining tools are applicable.

Title
Execute

Tags
204511, 3

Learning Outcome
You will be able to plan and execute successful machine learning and data mining projects, including selecting an adequate process for your specific task and avoiding the main machine learning pitfalls.

Title
Use Effective Machine Learning Techniques

Tags
204512, 1

Learning Outcome
You will learn the basic theory and models used in machine learning

C S 473 - Advanced Machine Learning

Course Information

Course Number
473

Teaching Area
C S

Course Title
Advanced Machine Learning

Course Description
Understand the fundamental models of machine learning, such as neural networks, decision trees, data mining, clustering, Bayesian learning, ensembles, reinforcement learning, and deep learning. Work with data and machine learning tools in real world applications.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- C S 270 - Introduction to Machine Learning
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Learning Outcomes

Title
Machine Learning Expertise

Learning Outcome
Students will be able to implement machine learning models and learning algorithms.

Title
Mathematical and Statistical Expertise

Learning Outcome
Students will be able to create new machine learning models using tools from math and stats.

Title
Lifelong learning

Learning Outcome
Students will be able to read academic literature and incorporate ideas into their own toolbox.

C S 474 - Introduction to Deep Learning

Course Information

Teaching Area (new)
C S

Course Number
474

Teaching Area
C S

Course Title
Introduction to Deep Learning

Course Description
Understand theory and practice of deep learning, drawing material from machine vision, machine translation, dynamical systems, audio processing, neural computing and human perception. Learn supporting mathematical concepts, including linear algebra, stochastic optimization, and hardware acceleration.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis
  OR C S 472 - Introduction to Machine Learning
  OR MATH 320 - Algorithm Design and Optimization 1

Learning Outcomes

Title
Analyze Deep Learning

Learning Outcome
Theory and practice of modern deep learning and associated software frameworks. A broad look at the field, drawing on material from machine vision, machine translation, dynamical systems, audio processing, neural computing and human perception. Supporting mathematical concepts are also covered, including linear algebra, stochastic optimization, and hardware acceleration. This fulfills the Intellectually Enlarging aim by requiring students to master technical "depth" and rigorous logic across diverse computational domains.

C S 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
C S

Course Number
477R

Teaching Area
C S

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Computer Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 477R or minor area equivalent; admittance to teaching area; FBI fingerprint background clearance.

C S 479 - Introduction to Machine Translation

Course Information

Course Number
479

Teaching Area
C S

Course Title
Introduction to Machine Translation

Course Description
Evolution of machine translation technologies and algorithms, with a foundation in basic algorithms, human-machine interaction, automatic adaptation, statistical and neural models, multilingual models, multimodal models, quality evaluation and estimation, and speech-to-speech translation.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND C S 270 - Introduction to Machine Learning

Other Prerequisites
Reading ability in a language other than English.

Recommended
CS 474 or Ling 581 or similar exposure to MT or NLP technologies.

Learning Outcomes

Title
MT Technology Evolution

Tags
213416, 0, 1, 2023-08-29 07:30:54

Learning Outcome
Students will understand how the challenges of producing quality translations have been addressed by past and present technologies

Title
Building blocks of MT Technology

Tags
213417, 0, 2, 2023-08-29 07:30:56

Learning Outcome
Students will be able to prepare data to be used to train MT systems, apply and interpret quality metrics to MT output, and implement basic MT-related algorithms

Title
MT Tools and Platforms

Tags
213418, 0, 3, 2023-08-29 07:30:57

Learning Outcome
Students will be able to identify and use available platforms and tools to create MT systems for selected languages

Title
MT Applications

Tags
213419, 0, 4, 2023-08-29 07:30:59

Learning Outcome
Students will be able to create and incorporate MT systems and/or MT-related functionality in a selected scenario or application

Title
Advanced MT algorithms

Tags
213420, 0, 5, 2023-08-29 07:31:00

Learning Outcome
Students will become familiar with and be able to implement and use basic versions of certain more advanced MT algorithms used in current MT research

C S 480 - Software Engineering Capstone 1

Course Information

Teaching Area (new)
C S

Course Number
480

Teaching Area
C S

Course Title
Software Engineering Capstone 1

Course Description
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.\n

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 329 - Quality Assurance and Developer Operations **AND** C S 340 - Software Design

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Major Project Implementation

Learning Outcome
Plan, design, and implement a major software project by applying advanced technical skills learned throughout the curriculum. This fulfills the Intellectually Enlarging aim by requiring students to master the technical "depth" and rigorous logic necessary to move a complex idea from concept to a functional reality.

C S 481 - Software Engineering Capstone 2

Course Information

Teaching Area (new)
C S

Course Number
481

Teaching Area
C S

Course Title
Software Engineering Capstone 2

Course Description
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 480 - Software Engineering Capstone 1

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Students will design and implement software

Learning Outcome
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project. This outcome is Intellectually Enlarging as it bridges the "commonality of disciplines" between theoretical software models and reliable, real-world execution.

C S 482 - Data Science Capstone 1

Course Information

Teaching Area (new)
C S

Course Number
482

Teaching Area
C S

Course Title
Data Science Capstone 1

Course Description
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction
  AND C S 312 - Algorithm Design and Analysis

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Students will design and implement a data science solution

Learning Outcome
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project. This fulfills the Intellectually Enlarging aim by requiring students to master the technical "depth" and rigorous logic necessary to move a complex data driven idea from concept to functional reality.

C S 483 - Data Science Capstone 2

Course Information

Teaching Area (new)
C S

Course Number
483

Teaching Area
C S

Course Title
Data Science Capstone 2

Course Description
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 482 - Data Science Capstone 1

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Students will design and implement a data science solution

Learning Outcome
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project. This project promotes team work and communication associated with lifelong learning.

C S 486 - Verification and Validation

Course Information

Teaching Area (new)
C S

Course Number
486

Teaching Area
C S

Course Title
Verification and Validation

Course Description
Foundational topics in verification and validation; the application of logic to building correct systems. Covers logics to formally specify properties of systems, verifications of basic systems, and advanced topics in formal verification for complex systems.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 312 - Algorithm Design and Analysis

Learning Outcomes

Title
Formally reason about concurrent systems and executions

Tags
204353, 1

Learning Outcome
Formally reason about concurrent systems and executions. This aligns with the Intellectually Enlarging aim by developing the rigorous mental discipline and logical precision required to master abstract system properties.

Title
Define correctness in concurrent systems

Tags
204354, 2

Learning Outcome
Define basic correctness principles of concurrent systems including deadlock, live-lock, safety, and general liveness.

Title
Analyze concurrent objects for correctness

Tags
204355, 3

Learning Outcome
Use tools to analyze concurrent objects for correctness and performance

Title
Learn best-practices for spin locks and monitors

Tags
204356, 4

Learning Outcome
Learn best-practices for spin locks and monitors

Title
Discuss wait-free versus lock-free implementations

Tags
204357, 5

Learning Outcome
Compare and contrast wait-free and lock-free properties in concurrent objects

Title
Understand and use concurrent data structures

Tags
204358, 6

Learning Outcome
Understand and use concurrent data structures

Title
Correctly use barriers and fences

Tags
204359, 7

Learning Outcome
Correctly use barriers and fences

Title
Have working knowledge of tools and techniques for testing c

Tags
204360, 8

Learning Outcome
Have working knowledge of tools and techniques for testing concurrent programs

Title
Be familiar to libraries to support concurrent programming i

Tags
204361, 9

Learning Outcome
Be familiar to libraries to support concurrent programming in C, C , C#, and Java

Title
Describe future trends in multi-processor programming

Tags
204362, 10

Learning Outcome
Describe future trends in multi-processor programming. This advances the Spiritually Strengthening goal as it encourages students to consider how technological progress can be steered toward noble purposes that respect individual agency and human connection.

C S 493R - Computing Competitions

Course Information

Teaching Area (new)
C S

Course Number
493R

Teaching Area
C S

Course Title
Computing Competitions

Course Description
Students work in teams to prepare for and compete in computer science competitions in areas such as programming, data science, and ethical hacking.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

Other Prerequisites
Minimum 3.0 C S GPA or instructor's consent.

Learning Outcomes

Title
Become Competitive in Solving Problems

Learning Outcome
Students demonstrate problem solving skills in a timed environment. This fulfills the Intellectually Enlarging aim by requiring rigorous mental discipline and the rapid application of computer science theory to practical challenges.

C S 494 - Capstone 1

Course Information

Teaching Area (new)
C S

Course Number
494

Teaching Area
C S

Course Title
Capstone 1

Course Description
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, test, and demonstrate a major project.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Students will design and implement software

Learning Outcome
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project. This supports the Character Building aim by requiring students to collaborate and work together.

C S 495 - Capstone 2

Course Information

Teaching Area (new)
C S

Course Number
495

Teaching Area
C S

Course Title
Capstone 2

Course Description
The second semester of a culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, test, and demonstrate a major project.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 240 - Advanced Software Construction

Other Prerequisites
Minimum 3.0 CS GPA or instructor's consent.

Learning Outcomes

Title
Students will design and implement software

Learning Outcome
Culminating experience based on skills learned in advanced technical courses. Students work in teams to plan, design, implement, test, and demonstrate a major project. This supports the Character Building aim by requiring students to collaborate and work together.

C S 497R - Undergraduate Research

Course Information

Teaching Area (new)
C S

Course Number
497R

Teaching Area
C S

Course Title
Undergraduate Research

Course Description
Students receive course credit for doing undergraduate research under the supervision of a faculty mentor.

Department
Computer Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
Students must turn in signed research agreement at least 1 business day before add/drop deadline in order to receive permission-to-add code. Research agreement form can be found at http://cs.byu.edu or in the CS Department office.

Learning Outcomes

Title
Students will gain research skills

Learning Outcome
Students work in a laboratory and develop research skills. This supports the Character Building aim by requiring students to collaborate and work together in the lab environment.

C S 498R - Undergraduate Special Projects

Course Information

Teaching Area (new)
C S

Course Number
498R

Teaching Area
C S

Course Title
Undergraduate Special Projects

Course Description
Students identify an interesting problem in computer science and solve it with the aid of faculty members.

Department
Computer Science

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- C S 240 - Advanced Software Construction

Note
If taken for less than 3 credits this course may not count as a CS elective. See approval form on the CS Department web site at https://cs.byu.edu/. Project proposals must be submitted by the last day of class of the prior semester or term. Students are allowed 1 repeat of each CS undergraduate course (all 100-, 200-, 300- or 400-level courses). This includes all students who received any grade including those who withdraw (receive a "W" grade) from a CS course. Students must wait 1 semester/term before being allowed to take a course they have failed twice. Petitions for exceptions to the policy can be completed at cs.byu.edu/undergraduate-handbook/retake-policy-cs-courses/.

Learning Outcomes

Title
Capstone Experience in a Special Topic

Tags
204495, 1

Learning Outcome
Students will propose, execute, and report a capstone project in an area that they choose in consultation with a professor. Each project is approved by the Undergraduate Curriculum Committee. This supports the Character Building aim by requiring students to collaborate and work with a professor who can mentor them.

C S 500 - (C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
C S

Course Number
500

Teaching Area
C S

Course Title
(C S-Chem-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Project Management

Tags
204391, 0

Learning Outcome
Learn the basics of project management and understand why this is important to business success

Title
Business Presentations and Writing

Tags
204409, 3

Learning Outcome
Learn the basics of effective business presentations and writing

Title
Technology Readiness

Tags
204426, 2

Learning Outcome
Understand the different levels of technology readiness and the process of moving a project through these levels to completion

C S 501R - Advanced Topics in Computer Science

Course Information

Teaching Area (new)
C S

Course Number
501R

Teaching Area
C S

Course Title
Advanced Topics in Computer Science

Course Description
Advanced undergraduate- and graduate-level subjects as announced before each semester.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Advanced topic in Computer Science

Tags
204352, 1

Learning Outcome
Students will learn a topic in Computer Science not covered by the regular curriculum. This fulfills the Intellectually Enlarging aim by requiring rigorous mental discipline and the rapid application of computer science theory to practical challenges.

C S 502 - Job Search Strategies

Course Information

Teaching Area (new)
C S

Course Number
502

Teaching Area
C S

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Computer Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

C S 513 - Robust Control

Course Information

Teaching Area (new)
C S

Course Number
513

Teaching Area
C S

Course Title
Robust Control

Course Description
Introduction to the analysis and design of feedback systems guaranteed to perform well in spite of model uncertainty.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

Recommended
C S 312 and 412; Math 334; or equivalents

Learning Outcomes

Title
Systems Concepts

Tags
204404, 4

Learning Outcome
Understand system concepts of stability, controllability, observability, minimality, behavior, and structure.

Title
Representation

Tags
204477, 0

Learning Outcome
Understand various mathematical representations of systems. This outcome is Intellectually Enlarging as it requires students to bridge abstract mathematics with physical reality.

Title
Four Basic Problems

Tags
204478, 1

Learning Outcome
Understand the four basic problems: Model Reduction (i.e. Approximation), System Identification (i.e. Learning), Control (i.e. Decision Making), and Verification/Validation, and how they impact each other.

Title
Hankel Singular Values

Tags
204479, 2

Learning Outcome
Understand Hankel singular values and their role in balanced truncation as an approximation to optimal model reduction.

Title
LMIs

Tags
204480, 3

Learning Outcome
Understand Linear Matrix Inequalities and their role in various identification and control problems.

Title
Small Gain

Tags
204481, 5

Learning Outcome
Understand the role of the Small Gain Theorem and Passivity in providing guarantees of algorithm correctness in spite of model uncertainty.

C S 556 - Research Methods and Study Design in Human-Computer Interaction

Course Information

Course Number
556

Teaching Area
C S

Course Title
Research Methods and Study Design in Human-Computer Interaction

Course Description
Understand and use qualitative and quantitative methods for human-computer interaction research, such as interviews, observations, surveys, and measurements. Learn to choose study designs, analyze data, and consider ethical implications of involving human participants in research.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 356 - Advanced Techniques in Human Computer Interaction

Other Prerequisites
Prior experience in user experience or human-computer interaction.

Learning Outcomes

Title
Research Methodologies

Learning Outcome
Students will be able to choose between qualitative and quantitative research methods in human-computer interaction.

Title
Logical Approaches

Learning Outcome
Students will be able to choose between inductive and deductive research methods in human-computer interaction.

Title
Decision-Making

Learning Outcome
Students will be able to discuss decisions made in research study design.

Title
Ethical Compliance

Learning Outcome
Students will be able to successfully navigate the institutional review board application process to ensure research compliance.

Title
Method Assessment

Learning Outcome
Students will critically assess study methods presented in published peer-reviewed HCI research.

C S 574 - Transformer Models for Natural Language Processing

Course Information

Course Number
574

Teaching Area
C S

Course Title
Transformer Models for Natural Language Processing

Course Description
Understand and learn how to use state of the art transformer language models for many Natural Language Processing and Understanding tasks, such as text classification, text generation, question answering, machine translation, and many other tasks.

Department
Computer Science

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 472 - Introduction to Machine Learning
  AND C S 312 - Algorithm Design and Analysis

Learning Outcomes

Title
Architectural Foundations

Learning Outcome
Construct and explain the internal mechanics of transformer architectures including self-attention mechanisms and positional encoding. This fulfills the Intellectually Enlarging aim by requiring the rigorous mental discipline and mathematical depth needed to master state-of-the-art models.

Title
Model Implementation

Learning Outcome
Develop and fine-tune large-scale language models for specific downstream tasks such as abstractive summarization or sentiment analysis. This outcome is Character Building because it demands "sustained effort" and professional integrity when handling massive datasets and intensive computational resources.

Title
Ethical Deployment

Learning Outcome
Evaluate the ethical implications of generative AI including algorithmic bias and truthfulness to propose responsible deployment strategies. This aligns with the Spiritually Strengthening aim by encouraging students to use technology in ways that protect human dignity and honor the agency of all individuals.

C S 575 - Introduction to Graph Data Science

Course Information

Course Number
575

Teaching Area
C S

Course Title
Introduction to Graph Data Science

Course Description
Use graph structures to explore labeled data and discover network relationships within the data. Understand network relationships, learn graph models of common network structures, identify network communities and influential members, and work with knowledge graphs.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- C S 312 - Algorithm Design and Analysis

Other Prerequisites
Linear Algebra

Learning Outcomes

Title
Network Algorithms

Tags
213421, 0, 1, 2023-08-29 07:32:13

Learning Outcome
Students will be able to implement and use Barabasi-Albert, Watts-Strogatz, Erdos-Renyi, and affiliation network-based algorithms. This fulfills the Intellectually Enlarging aim by requiring the rigorous mental discipline and technical depth necessary to model complex global systems.

Title
Graph Theory Foundations

Tags
213422, 0, 2, 2023-08-29 07:32:16

Learning Outcome
Students will be able to implement and use graph theory concepts applicable to networks: adjacency matrix, adjacency matrix, adjacency lists, graph Laplacian, algebraic connectivity, spectral graph properties. This outcome is Intellectually Enlarging while combining abstract linear algebra and practical data science.

Title
Diffusion Dynamics

Tags
213423, 0, 3, 2023-08-29 07:32:18

Learning Outcome
Simulate the spread of information or disease across a network by modeling simple and complex contagion processes. This aligns with the Spiritually Strengthening aim by challenging students to understand how influence travels through communities and to consider their role in promoting uplifting connections.

Title
Network Metrics

Tags
213424, 0, 4, 2023-08-29 07:32:19

Learning Outcome
Students will apply graph metrics to understand diffusion dynamics: clustering, density, diameter, algebraic connectivity, degree distribution, distance, modularity, assortativity. This supports the Character Building aim by requiring the technical integrity and "sustained effort" needed to accurately assess the health and structure of a social or physical network.

Title
Agent-Based Modeling

Tags
213425, 0, 5, 2023-08-29 07:32:21

Learning Outcome
Students will be able to implement agent-based models over networks. This fosters Lifelong Learning and Service by training students to use their knowledge to "go forth to serve" by predicting and solving real-world challenges in public health or social organization.

Title
Network Mitigation and Promotion

Tags
213426, 0, 6, 2023-08-29 07:32:22

Learning Outcome
Students will be able to mitigate/promote network effects by identifying communities, removing edges, adding edges, choosing early adopters. This advances the Character Building aim as students must exercise "responsibility" and ethical judgment when making decisions that impact the connectivity and agency of a digital or local community.

C S 580 - Theory of Predictive Modeling

Course Information

Teaching Area (new)
C S

Course Number
580

Teaching Area
C S

Course Title
Theory of Predictive Modeling

Course Description
Mathematical, computational, and philosophical foundations of machine learning, control, and physical modeling. Introduction to system identification, causality, uncertainty, model approximation, and information geometry.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra

CAKCQ 100 - Language Study: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
100

Teaching Area
CAKCQ

Course Title
Language Study: Cakchiquel

Course Description
Survival-level conversation, reading, listening, and culture skills in Cakchiquel.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Survival-level conversation, reading, listening, and culture skills in the target language.

Learning Outcomes

Title
Speaking

Tags
195499, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195500, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196650, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CAKCQ 101 - First-Year Language Study: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
101

Teaching Area
CAKCQ

Course Title
First-Year Language Study: Cakchiquel

Course Description
Beginning speaking, listening, reading, and writing skills in Cakchiquel.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196658, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196659, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196660, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196661, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CAKCQ 102 - First-Year Language Study: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
102

Teaching Area
CAKCQ

Course Title
First-Year Language Study: Cakchiquel

Course Description
Second-semester speaking, listening, reading, and writing skills in Cakchiquel.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 101 - First-Year Language Study: Cakchiquel

Learning Outcomes

Title
Comprehension

Tags
196663, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196665, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196667, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196670, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CAKCQ 201 - Second-Year Language Study: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
201

Teaching Area
CAKCQ

Course Title
Second-Year Language Study: Cakchiquel

Course Description
Intermediate speaking, listening, reading, and writing skills in Cakchiquel.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 102 - First-Year Language Study: Cakchiquel

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196676, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196677, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196683, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196686, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CAKCQ 202 - Second-Year Language Study: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
202

Teaching Area
CAKCQ

Course Title
Second-Year Language Study: Cakchiquel

Course Description
Continued emphasis on Cakchiquel communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 201 - Second-Year Language Study: Cakchiquel

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196693, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196694, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196695, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196697, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CAKCQ 305 - Language Skills Development: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
305

Teaching Area
CAKCQ

Course Title
Language Skills Development: Cakchiquel

Course Description
Increasing proficiency in one or more of the following Cakchiquel language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196711, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196713, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196715, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CAKCQ 321 - Advanced Grammar: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
321

Teaching Area
CAKCQ

Course Title
Advanced Grammar: Cakchiquel

Course Description
Systematic review of grammar and syntax of Cakchiquel.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 202 - Second-Year Language Study: Cakchiquel

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196802, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196803, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196804, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
330

Teaching Area
CAKCQ

Course Title
Advanced Language Proficiency Through Cultural Studies: Cakchiquel

Course Description
Study of Cakchiquel culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cakcq 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196724, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196725, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196727, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196728, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CAKCQ 340 - Introduction to Literature: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
340

Teaching Area
CAKCQ

Course Title
Introduction to Literature: Cakchiquel

Course Description
Advanced study of Cakchiquel literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196729, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196733, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196735, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196737, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CAKCQ 350 - Advanced Language Study for Career Purposes: Cakchiquel

Course Information

Teaching Area (new)
CAKCQ

Course Number
350

Teaching Area
CAKCQ

Course Title
Advanced Language Study for Career Purposes: Cakchiquel

Course Description
Concentration on Cakchiquel language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CAKCQ 330 - Advanced Language Proficiency Through Cultural Studies: Cakchiquel

Learning Outcomes

Title
Defined Career Purposes

Tags
196739, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196741, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196742, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196743, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196744, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

CANT 101 - First-Year Cantonese

Course Information

Teaching Area (new)
CANT

Course Number
101

Teaching Area
CANT

Course Title
First-Year Cantonese

Course Description
Basic language skills.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Chinese Culture and Communication

Tags
189623, 0

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions. (See Chinese major learning outcome 3)

Title
Writing Short Paragraphs, Notes, and Similar Texts

Tags
189627, 0

Learning Outcome
Write short paragraphs, notes, and similar texts in standard Chinese at the ACTFL novice low level. (See Chinese major learning outcome 2)

Title
Listening to Conversations, Dialogs, and Live Interaction

Tags
189633, 0

Learning Outcome
Listen to conversations, dialogs, and live interaction in Cantonese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

Title
Speaking and Understanding Cantonese

Tags
189649, 0

Learning Outcome
Speak and understand Cantonese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

CANT 102 - First-Year Cantonese

Course Information

Teaching Area (new)
CANT

Course Number
102

Teaching Area
CANT

Course Title
First-Year Cantonese

Course Description
Basic language skills.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speak and Understand Cantonese

Tags
189620, 0

Learning Outcome
Speak and understand Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 1)

Title
Writing in Standard Chinese

Tags
189624, 0

Learning Outcome
Write short paragraphs, notes, and similar texts in Standard Chinese at the ACTFL novice mid level. (See Chinese major learning outcome 2)

Title
Listening to Conversations, Dialogs, and Live Interaction

Tags
189635, 0

Learning Outcome
Listen to conversations, dialogs, and live interaction in Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 1)

Title
Chinese Culture and Communicative Conventions

Tags
189645, 0

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices communicative conventions. (See Chinese major learning outcome 3)

CANT 201 - Second-Year Cantonese

Course Information

Teaching Area (new)
CANT

Course Number
201

Teaching Area
CANT

Course Title
Second-Year Cantonese

Course Description
Grammatical patterns and vocabulary of spoken and written Cantonese.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Cant 102 or foreign residence experience

Learning Outcomes

Title
Speak and Understand Cantonese

Tags
189613, 0

Learning Outcome
Speak and understand Cantonese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Understand Chinese Cultural Practices

Tags
189615, 0

Learning Outcome
Demonstrate an introductory level understanding of a variety of Chinese cultural practices. (See Chinese major learning outcome 3)

Title
Listen to Converstations and Dialogs

Tags
189639, 0

Learning Outcome
Listen to conversations and dialogs in Cantonese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Write Short Essays, Journal Entries and Notes

Tags
189652, 0

Learning Outcome
Write short essays, journal entries, and notes in standard Cantonese at the ACTFL novice high level. (See Chinese major learning outcome 2)

CANT 202 - Second-Year Cantonese

Course Information

Teaching Area (new)
CANT

Course Number
202

Teaching Area
CANT

Course Title
Second-Year Cantonese

Course Description
Intermediate to advanced skills in reading, writing, listening, and speaking.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Cant 201 or or equivalent (Returning missionaries and others with equivalent experience, please contact the class instructor for 'Registration Permission-to-add Codes').

Learning Outcomes

Title
Speaking and Understanding Cantonese

Tags
189636, 1

Learning Outcome
Speak and understand Cantonese at the ACTFL intermediate mid level. (See Chinese major learning outcome 1)

Title
Listening to Conversations and Dialogs

Tags
189651, 4

Learning Outcome
Listen to conversations and dialogs in Cantonese at the ACTFL intermediate mid level. (See Chinese major learning outcome 1)

Title
Write Short Essays, Journal Entries, and Notes

Tags
191513, 6

Learning Outcome
Write short essays, journal entries, and notes in standard Chinese at the ACTFL novice high level. (See Chinese major learning outcome 2)

Title
Understanding Chinese Social Practices

Tags
191514, 8

Learning Outcome
Demonstrate a fundamental understanding of Chinese social practices as well as linguistically and culturally appropriate behavior. (See Chinese major learning outcome 3)

CANT 211R - Second-Year Conversation

Course Information

Teaching Area (new)
CANT

Course Number
211R

Teaching Area
CANT

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Cant 201 or foreign residence experience

Learning Outcomes

Title
Knowledge

Tags
189667, 1

Learning Outcome
Students will demonstrate knowledge in conversation.

CATLN 100 - Language Study: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
100

Teaching Area
CATLN

Course Title
Language Study: Catalan

Course Description
Survival-level conversation, reading, listening, and culture skills in Catalan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196780, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196781, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196782, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CATLN 101 - First-Year Language Study: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
101

Teaching Area
CATLN

Course Title
First-Year Language Study: Catalan

Course Description
Beginning speaking, listening, reading, and writing skills in Catalan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196783, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196784, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196785, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196786, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CATLN 102 - First-Year Language Study: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
102

Teaching Area
CATLN

Course Title
First-Year Language Study: Catalan

Course Description
Second-semester speaking, listening, reading, and writing skills in Catalan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 101 - First-Year Language Study: Catalan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196787, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196788, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196789, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196790, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CATLN 201 - Second-Year Language Study: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
201

Teaching Area
CATLN

Course Title
Second-Year Language Study: Catalan

Course Description
Intermediate speaking, listening, reading, and writing skills in Catalan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 102 - First-Year Language Study: Catalan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196791, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196792, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196793, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196794, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CATLN 202 - Second-Year Language Study: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
202

Teaching Area
CATLN

Course Title
Second-Year Language Study: Catalan

Course Description
Continued emphasis on Catalan communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 201 - Second-Year Language Study: Catalan

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196795, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196796, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196797, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196798, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CATLN 305 - Language Skills Development: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
305

Teaching Area
CATLN

Course Title
Language Skills Development: Catalan

Course Description
Increasing proficiency in one or more of the following Catalan language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196799, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196800, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196801, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CATLN 321 - Advanced Grammar: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
321

Teaching Area
CATLN

Course Title
Advanced Grammar: Catalan

Course Description
Systematic review of grammar and syntax of Catalan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 202 - Second-Year Language Study: Catalan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196805, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196806, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196807, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
330

Teaching Area
CATLN

Course Title
Advanced Language Proficiency Through Cultural Studies: Catalan

Course Description
Study of Catalan culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Catln 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196808, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196809, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196810, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196811, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CATLN 340 - Introduction to Literature: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
340

Teaching Area
CATLN

Course Title
Introduction to Literature: Catalan

Course Description
Advanced study of Catalan literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196812, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196813, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196814, 3

Learning Outcome
Place literature in a meaningful cultural and historical context

Title
Language Skills

Tags
196815, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CATLN 350 - Advanced Language Study for Career Purposes: Catalan

Course Information

Teaching Area (new)
CATLN

Course Number
350

Teaching Area
CATLN

Course Title
Advanced Language Study for Career Purposes: Catalan

Course Description
Concentration on Catalan language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CATLN 330 - Advanced Language Proficiency Through Cultural Studies: Catalan

Learning Outcomes

Title
Defined Career Purposes

Tags
196816, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196817, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196818, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196819, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196820, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

CBE 170 - Introduction to Chemical and Biological Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
170

Teaching Area
CBE

Course Title
Introduction to Chemical and Biological Engineering

Course Description
Introduction to fundamental principles of chemical and biological engineering and development of problem-solving skills through in-class activities, laboratory experiments, and a hands-on design project.

Department
Chemical and Biological Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Recommended
Chem 105 or Chem 111

Note
The prerequisites may be taken concurrent with the course. Check with the department.

Learning Outcomes

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
179479, 2

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
179480, 3

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Technical Presentation (BYU Course Objective)

Tags
179485, 5

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience about course subject matter.

Title
Success in Learning (BYU Course Objective)

Tags
179487, 7

Learning Outcome
Students will identify the practices needed to succeed as a chemical engineering student and decide whether to continue in the program.

Title
Written Reports (BYU Course Objective)

Tags
179488, 8

Learning Outcome
Students will be able to communicate effectively in written formats about course subject matter.

Title
Problem Definition (BYU Course Objective)

Tags
179489, 9

Learning Outcome
Students will identify and explain the value of the types of problems that chemical engineers solve.

Title
Critical Thinking (BYU Course Objective)

Tags
179484, 0, 4

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Physical Phenomena (BYU Course Objective)

Tags
179486, 0, 6

Learning Outcome
Students will explain fundamental physical principles of chemical engineering observed through hands-on design projects, in-class activities, and laboratory experiments. The selected principles will pertain to material and energy balances, fluid mechanics, heat transfer, chemical reaction engineering, and separations.

CBE 191 - Global Impact of Chemical and Biological Engineers

Course Information

Teaching Area (new)
CH EN

Course Number
191

Teaching Area
CBE

Course Title
Global Impact of Chemical and Biological Engineers

Course Description
Chemical and biological engineers use their skills to understand the physical world, solve problems, and meet societal needs in a variety of areas. These include developing sustainable sources of energy, fuels, food, water, and chemicals, while pioneering improved medicines, medical diagnostics, advanced materials, electronic devices, and chemical processes. In this course, faculty and visiting experts will share their problem-solving experiences and provide career guidance, helping students find areas of chemical and biological engineering most interesting to them.

Department
Chemical and Biological Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
College Lecture attendance required.

Learning Outcomes

Learning Outcome
Students will explain the role of chemical and biological engineers in solving critical societal challenges.

Learning Outcome
Students will describe multiple career options and potential job functions in chemical and biological engineering

Title
Life-long Learning (BYU Course Objective)

Learning Outcome
Students will plan a course schedule for timely graduation.

CBE 199R - Academic Internship

Course Information

Teaching Area (new)
CH EN

Course Number
199R

Teaching Area
CBE

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Chemical and Biological Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Consent of department internship coordinator.

Note
An APPROVED Internship Application required before adding.

Learning Outcomes

Title
Professional Communication

Tags
179351, 2

Learning Outcome
Student demonstrates professional communication skills (report).

Title
Professional Experiences

Tags
179394, 1

Learning Outcome
Student acquires professional experiences in the discipline.

Title
Converting Experience into Understanding

Tags
179424, 3

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

CBE 263 - Computational Tools for Chemical and Biological Engineers

Course Information

Teaching Area (new)
CH EN

Course Number
263

Teaching Area
CBE

Course Title
Computational Tools for Chemical and Biological Engineers

Course Description
Use of spreadsheets, advanced equation-solving packages, and structured languages to solve engineering problems. Introduction to chemical and biological process principles.

Department
Chemical and Biological Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 170 - Introduction to Chemical and Biological Engineering **AND** MATH 113 - Calculus 2

Other Prerequisites
or concurrent enrollment.

Note
College Lecture attendance required.

Learning Outcomes

Title
Unit Conversions (BYU Course Objective)

Tags
179494, 1

Learning Outcome
Students will be able to perform unit conversions.

Title
Dimensional Consistency (BYU Course Objective)

Tags
179495, 2

Learning Outcome
Students will be able to ensure dimensional consistency when evaluating equations.

Title
Spreadsheets (BYU Course Objective)

Tags
179496, 3

Learning Outcome
Students will be able to use spreadsheets and structured programming (e.g., loops, arrays, conditionals, functions) to solve foundational mathematical problems (e.g., curve fitting, integration, solving equations, etc.).

Title
Complex Numerical Problems (BYU Course Objective)

Tags
179497, 4

Learning Outcome
Students will be able to combine spreadsheet and/or programming elements to solve complex numerical engineering problems.

Title
Estimation and Reasonableness (BYU Course Objective)

Tags
179498, 5

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

CBE 273 - Chemical and Biological Process Principles

Course Information

Teaching Area (new)
CH EN

Course Number
273

Teaching Area
CBE

Course Title
Chemical and Biological Process Principles

Course Description
Material and energy balances.

Department
Chemical and Biological Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 170 - Introduction to Chemical and Biological Engineering
  AND CHEM 112 - Principles of Chemistry 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 170 - Introduction to Chemical and Biological Engineering
  AND CHEM 106 - General College Chemistry 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites

Math 113
Ch En 263 or concurrent enrollment.

Note

College Lecture attendance required.

Learning Outcomes

Title
Engineering Design (ABET Student Outcome 2)

Tags
179517, 1

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
179518, 2

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Unit Conversions (BYU Course Objective)

Tags
179519, 3

Learning Outcome
Students will be able to perform unit conversions.

Title
Dimensional Consistency (BYU Course Objective)

Tags
179520, 4

Learning Outcome
Students will be able to ensure dimensional consistency when evaluating equations.

Title
Critical Thinking (BYU Course Objective)

Tags
179521, 5

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179522, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Work and Unit Ops (BYU Course Objective)

Tags
179523, 11

Learning Outcome
Students will be able to estimate the work of pumps, turbines, and/or compressors using energy balances (e.g. W=ΔH).

Title
Designing Multi-unit Processes (BYU Course Objective)

Tags
179524, 12

Learning Outcome
Students will be able to design multiple-unit processes.

Title
Ethics

Tags
179526, 14

Learning Outcome
Students will be introduced to the AIChE code of ethics.

Title
Process Variables (BYU Course Objective)

Tags
179527, 15

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Material Balances (BYU Course Objective)

Tags
179528, 16

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
179529, 17

Learning Outcome
Students will be able to set up and solve steady state energy balances (1st law of thermodynamics) for closed and open systems.

Title
Transient Mass Balances (BYU Course Objective)

Tags
179530, 18

Learning Outcome
Students will be able to set up and solve transient mass balances.

Title
Fluid Statics (BYU Course Objective)

Tags
179533, 21

Learning Outcome
Students will be able to solve simple fluid statics problems (e.g. manometers).

Title
Phase Equilibrium (BYU Course Objective)

Tags
179534, 7

Learning Outcome
Students will be able to apply solution thermodynamics fundamentals to solve phase equilibrium problems including bubble point, dew point and flash calculations.

Title
Material Balances with Reactions (BYU Course Objective)

Tags
179535, 8

Learning Outcome
Students will understand and be able to use the extent of reaction in material balances for systems involving chemical reactions.

Title
Heat Properties (BYU Course Objective)

Tags
179558, 10

Learning Outcome
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

Title
Phase Diagrams (BYU Course Objective)

Tags
207581, 13

Learning Outcome
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

Title
Pure-component Phase Behavior (BYU Course Objective)

Tags
209016, 0, 9

Learning Outcome
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
179531, 0, 19

Learning Outcome
Students will be able to analyze how molecular- and continuum-scale phenomena lead to macroscopic behavior, processes, and properties (e.g., how molecular motion explains temperature and pressure, how intermolecular forces relate to phase changes, and how conservation laws underpin material, energy balances, etc.).

Title
Thermodynamic Properties (BYU Course Objective)

Tags
179532, 0, 20

Learning Outcome
Students will be able to calculate internal energy, enthalpy, and entropy at system conditions assuming ideal behavior.

CBE 285 - Chemical and Biological Process and Fluids Lab

Course Information

Teaching Area (new)
CH EN

Course Number
285

Teaching Area
CBE

Course Title
Chemical and Biological Process and Fluids Lab

Course Description
Fundamentals laboratory course covering topics from Material and Energy Balances and Fluid Mechanics.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 273 - Chemical and Biological Process Principles

Other Prerequisites
Concurrent enrollment in CH EN 374

Learning Outcomes

Title
Process Variables (BYU Course Objective)

Tags
207563, 4

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Equipment (BYU Course Objective)

Tags
207564, 6

Learning Outcome
Students will be able to explain and operate real process equipment.

Title
Critical Thinking (BYU Course Objective)

Tags
207712, 2

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207713, 3

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
207727, 1

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207714, 0, 5

Learning Outcome
Students will understand how fluid phenomena interact and impact a flow and its design and measurement (e.g., molecular viscosity gives rise to friction, requiring pumping power; how turbulent motions impact placement of measurement devices, etc.).

CBE 291 - Career Skills 1

Course Information

Teaching Area (new)
CH EN

Course Number
291

Teaching Area
CBE

Course Title
Career Skills 1

Course Description
Professional communication skills for job search.

Department
Chemical and Biological Engineering

When Taught
Fall Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Communication (ABET Student Outcome 3)

Tags
179536, 1

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Interviewing (BYU Course Objective)

Tags
179537, 4

Learning Outcome
Students will be able to be interviewed effectively.

Title
Job Search Skills (BYU Course Objective)

Tags
179538, 5

Learning Outcome
Students will understand how to obtain professional employment.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179539, 2

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Resumes (BYU Course Objective)

Tags
179541, 0, 3

Learning Outcome
Students will be able to evaluate the effectiveness of a resume and be able to create their own resume that effectively promotes their achievements in technical, interpersonal and leadership areas.

CBE 311 - Chemical and Biological Engineering and Society-Health, Safety, and the Environment

Course Information

Teaching Area (new)
CH EN

Course Number
311

Teaching Area
CBE

Course Title
Chemical and Biological Engineering and Society-Health, Safety, and the Environment

Course Description
Responsibility of chemical and biological engineers in society relative to ethics, leadership, safety, environment, and energy.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 273 - Chemical and Biological Process Principles

Learning Outcomes

Title
Engineering Design (ABET Student Outcome 2)

Tags
179542, 1

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
179544, 3

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Critical Thinking (BYU Course Objective)

Tags
179545, 4

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179547, 5

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
HAZCOM (BYU Course Objective)

Tags
179549, 7

Learning Outcome
Students will be able to to pass the HAZCOM test.

Title
Making Ethical Decisions (BYU Course Objective)

Tags
179551, 10

Learning Outcome
Students will be able to describe a procedure for making and implementing ethical decisions and effectively apply the procedure to ethical problems of practical interest.

Title
Integrity (BYU Course Objective)

Tags
179552, 11

Learning Outcome
Students will be able to define integrity, and demonstrate understanding of how it applies to their lives and how to develop it through practice.

Title
Effective Teams (BYU Course Objectives)

Tags
179553, 12

Learning Outcome
Students will understand teamwork principles including: recognition of team members' strengths and weaknesses; importance of effective communication skills; recognition of unique contributions of team members; and the need to facilitate team members' development.

Title
Effective Leadership (BYU Course Objectives)

Tags
179554, 13

Learning Outcome
Students will understand what it means to be a leader and the importance of self-awareness in leadership, and how to develop a vision, establish goals, formulate a strategy, and develop a plan consistent with that strategy.

Title
Ethical and Professional Responsibilities (ABET Student Outcome 4)

Tags
207643, 2

Learning Outcome
Students will be able to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Codes of Ethics (BYU Course Objective)

Tags
179550, 0, 9

Learning Outcome
Students will understand and commit to practice the AIChE code of ethics.

Title
Safety (BYU Course Objective)

Tags
179546, 0, 6

Learning Outcome
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations (including RAGAGEPs); understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

Title
Risk Assessment and Mitigation (BYU Course Objective)

Tags
179548, 0, 8

Learning Outcome
Students will be able to apply principles of risk management, Hazards and Operability Studies (HAZOPS), Layers of Protection Analysis (LOPA), and fault-tree analyses in process design.

CBE 345 - Materials and Reactions Lab

Course Information

Teaching Area (new)
CH EN

Course Number
345

Teaching Area
CBE

Course Title
Materials and Reactions Lab

Course Description
Fundamentals laboratory course covering topics from Material Science and Chemical Reaction Engineering.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis
  OR STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites
Concurrent enrollment in CH EN 378 and CH EN 386

Learning Outcomes

Title
Process Variables (BYU Course Objective)

Tags
207566, 4

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Equipment (BYU Course Objective)

Tags
207567, 6

Learning Outcome
Students will be able to explain and operate real process equipment.

Title
Critical Thinking (BYU Course Objective)

Tags
207715, 2

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207716, 3

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
207726, 1

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207717, 0, 5

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 351 - Fundamentals of Biomedical Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
351

Teaching Area
CBE

Course Title
Fundamentals of Biomedical Engineering

Course Description
This course introduces the fundamental principles and topics of Biomedical Engineering, including Biomechanical Engineering, Biochemical Engineering, Bioinstrumentation, and Medical Imaging.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND MATH 113 - Calculus 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND MATH 113 - Calculus 2
  AND PHSCS 106 - General Physics 2

Other Prerequisites

Freshman-level Understanding of Biology (for example: BIO 100, BIO 103, MMBIO 221, or PDBIO 120).

CBE 373 - Chemical and Biological Engineering Thermodynamics.

Course Information

Teaching Area (new)

CH EN

Course Number

373

Teaching Area

CBE

Course Title

Chemical and Biological Engineering Thermodynamics.

Course Description

First and second laws of thermodynamics as applied to behavior of real fluids; physical and chemical equilibrium.

Department

Chemical and Biological Engineering

When Taught

Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 273 - Chemical and Biological Process Principles
  AND CHEM 467 - Physical Chemistry for Engineers

Note

College Lecture attendance required.

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
207568, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
207569, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
207570, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Critical Thinking (BYU Course Objective)

Tags
207571, 4

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207572, 5

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Single-stage Flash (BYU Course Objective)

Tags
207573, 6

Learning Outcome
Students will be able to set up and solve single-stage flash calculations.

Title
Power and Refrigeration Cycles (BYU Course Objective)

Tags
207575, 8

Learning Outcome
Students will be able to design Rankine power and compression refrigeration cycles.

Title
Material Balances (BYU Course Objective)

Tags
207576, 9

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
207577, 10

Learning Outcome
Students will be able to set up and solve steady state energy balances (1st law of thermodynamics) for closed and open systems.

Title
Transient Energy Balances (BYU Course Objective)

Tags
207579, 12

Learning Outcome
Students will be able to set up and solve transient energy balances (1st law of thermodynamics).

Title
Transient Mass Balances (BYU Course Objective)

Tags
207580, 11

Learning Outcome
Students will be able to set up and solve transient mass balances.

Title
Phase Equilibrium Calculations (BYU Course Objective)

Tags
207582, 13

Learning Outcome
Students will be able to apply solution thermodynamics fundamentals to solve phase equilibrium problems including bubble point, dew point and flash calculations.

Title
Chemical Reaction Equilibrium (BYU Course Objective)

Tags
207583, 14

Learning Outcome
Students will understand the fundamental principles of chemical reaction equilibria including extent of reaction, equilibrium constant and its temperature-dependence, equilibrium conversion.

Title
Sensible Heat Effects (BYU Course Objective)

Tags
207584, 15

Learning Outcome
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

Title
Entropy (BYU Course Objective)

Tags
207585, 16

Learning Outcome
Students will understand the concept of entropy and the second law of thermodynamics and be able to apply the second law to closed and open systems.

Title
Solution Thermodynamics Fundamentals (BYU Course Objective)

Tags
207586, 17

Learning Outcome
Students will understand the fundamental concepts of solution thermodynamics including chemical potential, fugacity, activity, partial molar properties, ideal solutions, and excess properties.

Title
Phase Diagrams (BYU Course Objective)

Tags
207587, 18

Learning Outcome
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

Title
Thermodynamic Properties (BYU Course Objective)

Tags
207590, 21

Learning Outcome
Students will be able to calculate internal energy, enthalpy, entropy, Helmholtz energy, and Gibbs energy at system conditions assuming both ideal and non-ideal behavior.

Title
Pumps, Turbines, Compressors (BYU Course Objective)

Tags
207649, 7

Learning Outcome
Students will be able to perform design calculations for pumps, turbines, and/or compressors (e.g., involving DeltaH, DeltaS, work, heat, efficiencies).

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207589, 0, 20

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

Title
Pure-component Phase Behavior (BYU Course Objective)

Tags
207588, 0, 19

Learning Outcome
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

CBE 374 - Fluid Mechanics

Course Information

Teaching Area (new)
CH EN

Course Number
374

Teaching Area
CBE

Course Title
Fluid Mechanics

Course Description
Basic mass, momentum, and energy relations of fluid flow; design of fluid-handling systems and equipment.

Department
Chemical and Biological Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 263 - Computational Tools for Chemical and Biological Engineers
  AND CBE 273 - Chemical and Biological Process Principles
  AND MATH 302 - Mathematics for Engineering 1

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 263 - Computational Tools for Chemical and Biological Engineers
  AND CBE 273 - Chemical and Biological Process Principles
  AND MATH 314 - Calculus of Several Variables

Other Prerequisites
Admission to professional program.

Recommended
Concurrent enrollment in Ch En 311

Note
College Lecture attendance required.

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
179555, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
179556, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179557, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Dimensional Analysis and Dimensionless Numbers (BYU Course Objective)

Tags
179559, 4

Learning Outcome
Students will be able to nondimensionalize equations, will understand the significance of dimensional analysis, and will be able to interpret the physical significance of dimensionless numbers.

Title
Critical Thinking (BYU Course Objective)

Tags
179560, 5

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179561, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Flow System Design (BYU Course Objective)

Tags
179562, 7

Learning Outcome
Students will be able to use a mechanical energy balance and/or the concepts of system demand and pump supply curves to design flow systems involving pipes, valves, fittings and/or pumps.

Title
Pumps and Valves (BYU Course Objective)

Tags
179563, 8

Learning Outcome
Students will have a practical understanding of the function and use of pumps and valves and be able to make design decisions accordingly.

Title
Fluid Statics (BYU Course Objective)

Tags
179564, 9

Learning Outcome
Students will be able to solve simple fluid statics problems.

Title
Momentum Balances (BYU Course Objective)

Tags
179565, 10

Learning Outcome
Students will be able to solve simple fluid statics problems.

Title
Advanced Fluid Mechanics Concepts (BYU Course Objective)

Tags
179566, 11

Learning Outcome
Students will understand and be able to use advanced fluid mechanical concepts including boundary-layer theory, non-Newtonian flow, and turbulent flow.

Title
External Flow (BYU Course Objective)

Tags
179567, 12

Learning Outcome
Students will understand qualitatively how external flow around objects affects drag and be able to calculate drag forces and terminal velocities.

Title
Compressible Flow (BYU Course Objective)

Tags
179568, 13

Learning Outcome
Students will understand basic concepts relating to compressible flow including Mach numbers and choked flow.

Title
Non-Newtonian Fluids (BYU Course Objective)

Tags
179569, 14

Learning Outcome
Students will be able to calculate the the pressure drop in flow systems involving pipes and pumps for non-Newtonian fluids.

Title
Chemical Properties (BYU Course Objective)

Tags
179570, 15

Learning Outcome
Students will understand the physical/chemical behaviors of materials.

CBE 376 - Heat and Mass Transfer

Course Information

Teaching Area (new)
CH EN

Course Number
376

Teaching Area
CBE

Course Title
Heat and Mass Transfer

Course Description
Heat and mass transfer, including conduction, convection, radiation, diffusion; steady and unsteady state systems; transport analogies; design applications.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 311 - Chemical and Biological Engineering and Society-Health, Safety, and the Environment
  AND CBE 374 - Fluid Mechanics

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
207591, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
207592, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
207593, 3

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
207594, 4

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Dimensional Analysis and Dimensionless Numbers (BYU Course Objective)

Tags
207595, 5

Learning Outcome
Students will be able to nondimensionalize equations, will understand the significance of dimensional analysis, and will be able to interpret the physical significance of dimensionless numbers.

Title
Critical Thinking (BYU Course Objective)

Tags
207596, 6

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207597, 7

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Shell and Tube Heat Exchanger Design (BYU Course Objective)

Tags
207598, 8

Learning Outcome
Students will be able to design shell & tube heat exchangers to meet specific needs.

Title
Material Balances (BYU Course Objective)

Tags
207599, 9

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
207600, 10

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Transient Energy Balances (BYU Course Objective)

Tags
207601, 11

Learning Outcome
Students will be able to set up and solve transient energy balances.

Title
Heat Transfer Modes, Qualitative (BYU Course Objective)

Tags
207602, 12

Learning Outcome
Students will understand conduction, convection, and radiation qualitatively.

Title
Heat Transfer with Resistances (BYU Course Objective)

Tags
207603, 13

Learning Outcome
Students will be able to steady-state solve heat transfer problems involving one or more resistances.

Title
Transient Heat Transfer (BYU Course Objective)

Tags
207604, 14

Learning Outcome
Students will be able to solve simple transient heat transfer problems.

Title
Convective Transfer Coefficients (BYU Course Objective)

Tags
207605, 15

Learning Outcome
Students will be able to determine convective heat and mass transfer coefficients from correlations.

Title
Diffusive Mass Transfer (BYU Course Objective)

Tags
207606, 16

Learning Outcome
Students will be able to solve steady-state diffusive mass transfer problems.

Title
Convective Mass Transfer (BYU Course Objective)

Tags
207607, 17

Learning Outcome
Students will be able to solve steady-state convective mass transfer problems.

Title
Radiation (BYU Course Objective)

Tags
207608, 18

Learning Outcome
Students will be able to solve heat transfer problems involving radiation.

Title
Behaviors of Materials (BYU Course Objective)

Tags
207610, 20

Learning Outcome
Students will understand the physical/chemical behaviors of materials.

Title
Materials Selection (BYU Course Objective)

Tags
207611, 21

Learning Outcome
Students will be able to select materials, based on their properties and behaviors, for a given application.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207609, 0, 19

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 378 - Science of Engineering Materials

Course Information

Teaching Area (new)
CH EN

Course Number
378

Teaching Area
CBE

Course Title
Science of Engineering Materials

Course Description
Fundamental principles of solid materials and their properties and behavior in engineering applications of metals, polymers, ceramics, and glasses.

Department
Chemical and Biological Engineering

When Taught
Fall; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 357 - Industrial Organic Chemistry
  OR CHEM 351 - Organic Chemistry 1

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
179572, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
179573, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179574, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Critical Thinking (BYU Course Objective)

Tags
179575, 4

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179576, 5

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Phase Diagrams (BYU Course Objective)

Tags
179577, 6

Learning Outcome
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

Title
Mechanical Properties (BYU Course Objective)

Tags
179579, 8

Learning Outcome
Students will understand the mechanical behavior of materials.

Title
Physical/Chemical Property (BYU Course Objective)

Tags
179580, 9

Learning Outcome
Students will understand the physical/chemical behaviors of materials.

Title
Electronic Properties (BYU Course Objective)

Tags
179581, 10

Learning Outcome
Students will understand the electronic behavior of materials.

Title
Molecular-level Interactions (BYU Course Objective)

Tags
179578, 0, 7

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

Title
Materials Selection (BYU Course Objective)

Tags
179582, 0, 11

Learning Outcome
Students will be able to select materials, based on their properties and behaviors, for a given application (e.g. understand the causes of corrosion and mitigation strategies).

CBE 385 - Thermodynamics and Transport Lab

Course Information

Teaching Area (new)
CH EN

Course Number
385

Teaching Area
CBE

Course Title
Thermodynamics and Transport Lab

Course Description
Fundamentals laboratory course covering topics from Thermodynamics and Heat & Mass Transfer.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Concurrent enrollment in CH EN 373 and CH EN 376

Learning Outcomes

Title
Process Variables (BYU Course Objective)

Tags
207613, 4

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Equipment (BYU Course Objective)

Tags
207614, 6

Learning Outcome
Students will be able to explain and operate real process equipment.

Title
Critical Thinking (BYU Course Objective)

Tags
207718, 2

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207719, 3

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
207725, 1

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Molecular-Level Understanding (BYU Course Objective)

Tags
207720, 0, 5

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 386 - Chemical Reaction Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
386

Teaching Area
CBE

Course Title
Chemical Reaction Engineering

Course Description
Fundamental principles and equations of chemical kinetics and reactor design.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 273 - Chemical and Biological Process Principles **AND** MATH 303 - Mathematics for Engineering 2

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 273 - Chemical and Biological Process Principles **AND** MATH 334 - Ordinary Differential Equations

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
207615, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
207616, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
207617, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Dimensionless Numbers (BYU Course Objective)

Tags
207618, 4

Learning Outcome
Students will be able to describe the physical significance behind dimensionless numbers and how these relate to system behavior.

Title
Critical Thinking (BYU Course Objective)

Tags
207619, 5

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207620, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Reactor Sizing and Performance (BYU Course Objective)

Tags
207621, 7

Learning Outcome
Students will be able to size and do performance calculations on single, isothermal plug-flow, CSTR, and batch reactors for a single homogeneous or heterogeneous reaction.

Title
Multiple Reactor Design (BYU Course Objective)

Tags
207622, 8

Learning Outcome
Students will be able to design systems of multiple isothermal reactors.

Title
Sizing Reactors for Serial and Parallel Reactions (BYU Course Objective)

Tags
207623, 9

Learning Outcome
Students will be able to select and size isothermal reactors for series and/or parallel reactions.

Title
Non-Isothermal Reactor Design (BYU Course Objective)

Tags
207624, 10

Learning Outcome
Students will be able to select and size non-isothermal reactors.

Title
Material Balances (BYU Course Objective)

Tags
207625, 11

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
207626, 12

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Fundamentals of Kinetics (BYU Course Objective)

Tags
207627, 13

Learning Outcome
Students will understand fundamentals of kinetics including definitions of rate and forms of rate expressions and relationships between moles, concentration, extent of reaction and conversion.

Title
Competing Reactions Kinetics (BYU Course Objective)

Tags
207628, 14

Learning Outcome
Students will understand the kinetics of competing reactions and their influence on product yield and selectivity.

Title
Chemical Equilibrium (BYU Course Objective)

Tags
207630, 16

Learning Outcome
Students will understand the relationship between forward and reverse rates and chemical equilibrium.

Title
Mass and Heat Transfer Effects on Catalytic Systems (BYU Course Objective)

Tags
207631, 17

Learning Outcome
Students will understand the effects of mass and heat transfer, particularly pore diffusion, on heterogeneous catalytic systems.

Title
Rate Expressions from Mechanisms (BYU Course Objective)

Tags
207632, 18

Learning Outcome
Students will be able to develop rate expressions from elementary step mechanisms using steady-state and quasi-equilibrium approximations.

Title
Rate Expressions from Experiments (BYU Course Objective)

Tags
207633, 15

Learning Outcome
Students will be able to determine rate expressions by analyzing reactor data including integral and differential analysis on constant- and variable-volume systems.

Title
Sensible Heat Effects (BYU Course Objective)

Tags
207634, 19

Learning Outcome
Students will understand and be able to apply the concepts of heat capacity, latent heat, heat of reaction, heat of combustion, and heat of formation.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207635, 0, 20

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 391 - Career Skills 2

Course Information

Teaching Area (new)
CH EN

Course Number
391

Teaching Area
CBE

Course Title
Career Skills 2

Course Description
Technical and business presentation skills.

Department
Chemical and Biological Engineering

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to professional program

Learning Outcomes

Title
Communication (ABET Student Outcome 3)

Tags
179583, 1

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Technical Presentations (BYU Course Objective)

Tags
179584, 2

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Business Presentations (BYU Course Objective)

Tags
179585, 3

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a business audience.

CBE 400 - Creative Skills in Chemical and Biological Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
400

Teaching Area
CBE

Course Title
Creative Skills in Chemical and Biological Engineering

Course Description
Applications in creativity and technical knowledge from prior course work to solution of relevant, open-ended problems.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

CBE 410 - Principles of Petroleum Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
410

Teaching Area
CBE

Course Title
Principles of Petroleum Engineering

Course Description
Petroleum engineering principles including a review of rock and fluid properties, material balance in oil and gas reservoirs, fluid flow in porous media, hydrocarbon production, and refining operations.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.
  AND CBE 374 - Fluid Mechanics

Learning Outcomes

Title
Oil Recovery

Tags
179354, 5

Learning Outcome
Students will be able to evaluate reservoirs for oil and gas recovery

Title
Reservoir Displacement

Tags
179361, 1

Learning Outcome
Students will understand the displacement process in reservoirs

Title
Production Rates

Tags
179363, 4

Learning Outcome
Students will be able to perform a history match on actual production data and predict future production rates

Title
Fluid Flow Equations

Tags
179365, 3

Learning Outcome
Students will use fluid flow equations to calculate pressure drops and flow rates of oil and gas in porous media

Title
Oil & Gas Values

Tags
179389, 0

Learning Outcome
Students will be able to calculate values of initial oil and gas in place

Title
Primary Production

Tags
179429, 2

Learning Outcome
Students will be able to estimate future production from oil and gas reservoirs under primary production

Title
Petroleum Refining

Learning Outcome
Students will be able to explain the major unit operations used in modern petroleum refineries

CBE 412 - Introductory Nuclear Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
412

Teaching Area
CBE

Course Title
Introductory Nuclear Engineering

Course Description
This is an introductory, multidisciplinary nuclear engineering course covering a range of topics pertinent to nuclear engineering, including particle physics, neutron theory, nuclear reactor design, medical applications, and societal impacts of nuclear power.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite

Fulfill ALL of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2
  OR MATH 334 - Ordinary Differential Equations

AND

Prerequisite

Complete ALL of the following Courses:

- CHEM 106 - General College Chemistry 2
  OR CHEM 112 - Principles of Chemistry 2

Other Prerequisites
or equivalent.

Recommended
Ch En 376 or equivalent

Learning Outcomes

Title
Fuel and Waste Management

Tags
179375, 2

Learning Outcome
Students will be able to describe generally accepted fuel and waste management practices, applicable nuclear regulations, fuel and waste processing methods, accident histories and root causes, and career opportunities in nuclear engineering.

Title
Nuclear Physics

Tags
179406, 0

Learning Outcome
Students will have competent and well-supported command of the following: nuclear physics, particle and atom physics, mass and energy interconversion, radioactive decay processes, and interactions of particles and radiation with matter.

Title
Reactor Design & Safety

Tags
179411, 1

Learning Outcome
Students will be able to perform reactor design and safety analyses using fundamentals of fission reactions and fuels for Generation I-IV designs, with distinguishing safety and security features for various reactor types (fast, breeder, thermal, other) by quantitatively approximating temperature and heat release profiles during reactor control.

CBE 426 - Machine Learning for Engineers

Course Information

Course Number
426

Teaching Area
CBE

Course Title
Machine Learning for Engineers

Course Description
Machine Learning for Engineers combines mathematical details with several case studies that provide an intuition for machine learning with methods for classification, regression, and dimensionality reduction. A second phase of the course is a hands-on group project. The engineering problems and theory guide the student towards a working fluency in state-of-the-art methods implemented in Python.

Department
Chemical and Biological Engineering

When Taught
Winter Even Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- CBE 263 - Computational Tools for Chemical and Biological Engineers

Other Prerequisites
Or equivalent Python programming course

Learning Outcomes

Title
Understand relationships and assess data quality

Tags
213442, 0, 1, 2023-08-29 07:58:54

Learning Outcome
Students will be able to visualize data to understand relationships and assess data quality.

Title
Create machine learning algorithms

Tags
213443, 0, 2, 2023-08-29 07:58:55

Learning Outcome
Students will be able to apply linear algebra, statistics, and optimization techniques to create machine learning algorithms.

Title
Plan applications to achieve engineering and business objectives

Tags
213444, 0, 3, 2023-08-29 07:58:57

Learning Outcome
Students will understand engineering and business objectives to plan applications.

Title
Assess data information content and predictive capability

Tags
213445, 0, 4, 2023-08-29 07:59:00

Learning Outcome
Students will be able to assess data information content and predictive capability.

Title
Detect overfitting and improve prediction

Tags
213446, 0, 5, 2023-08-29 07:59:01

Learning Outcome
Students will be able to detect overfitting and implement strategies to improve prediction.

CBE 433 - Energy Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
433

Teaching Area
CBE

Course Title
Energy Engineering

Course Description
Science and engineering of energy production including fossil fuels, nuclear, and renewable. Meeting the challenges of future energy needs of the U.S. and the world.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.
  AND CBE 374 - Fluid Mechanics
  AND CBE 376 - Heat and Mass Transfer

Other Prerequisites
or equivalents.

Recommended
Junior standing in an engineering major

Learning Outcomes

Title
Energy Use

Tags
179465, 0

Learning Outcome
Students will be able to explain the history of energy use and past energy supply issues and explore current and probable future issues with energy use.

Title
Sources & Cost of Energy

Tags
179466, 1

Learning Outcome
Students will be able to describe current, conventional sources of energy, their availability, and current costs.

Title
Alternate Energy Sources

Tags
179467, 2

Learning Outcome
Students will be able to describe alternate sources of energy, their technical feasibility, and relative cost.

Title
Principals of Energy Processing

Tags
179468, 3

Learning Outcome
Students will be able to explain the technical working principles of major energy processing systems (gas and wind turbines, boilers, heat engines, solar cells, bioenergy, gasification, wave and tidal power and energy storage).

Title
Role of Energy

Tags
179469, 4

Learning Outcome
Students will appreciate of the role of energy in society, and how energy affects life styles and political and economic stability.

Title
Energy Use Patterns

Tags
179470, 5

Learning Outcome
Students will be able to evaluate personal, household, and industrial energy use patterns, and understand ways to minimize the environmental and societal impacts of energy usage, including criteria pollutant management, options and implications for managing climate change, and energy resource issues.

Title
Energy Career Opportunities

Tags
179471, 6

Learning Outcome
Students will understand current and potential future energy career opportunities.

CBE 436 - Process Control and Dynamics

Course Information

Teaching Area (new)
CH EN

Course Number
436

Teaching Area
CBE

Course Title
Process Control and Dynamics

Course Description
Process systems, associated control systems, and instrumentation. Use of Laplace transforms and complex variables.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND CBE 386 - Chemical Reaction Engineering

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
179586, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
179587, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179589, 5

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Critical Thinking (BYU Course Objective)

Tags
179590, 3

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179591, 6

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Feedback Control Equipment (BYU Course Objective)

Tags
179592, 7

Learning Outcome
Students will be able to design a simple feedback loop to control process equipment.

Title
Transient Mass, Species, and Energy Balances (BYU Course Objective)

Tags
179593, 9

Learning Outcome
Students will be able to set up and solve transient mass, species, and energy balances.

Title
Process Control Terminology and Strategies (BYU Course Objective)

Tags
179594, 10

Learning Outcome
Students will be able to define process control terminology and understand the following control strategies: feed-back control, feed-forward control, and cascade control; as well as the difference between linear and nonlinear systems.

Title
Fitting Linear Models (BYU Course Objective)

Tags
179595, 11

Learning Outcome
Students will be able to fit data from step or pulse tests to linear models.

Title
Closed-loop Behavior (BYU Course Objective)

Tags
179596, 12

Learning Outcome
Students will be able to predict the closed-loop behavior and evaluate the stability of simple control loops.

Title
Historical Data (BYU Course Objective)

Tags
179597, 13

Learning Outcome
Students will be able to identify process dynamics, and improve control strategies, using historical process data.

Title
Electrical Circuit Analysis (BYU Course Objective)

Tags
179598, 14

Learning Outcome
Students will be able to analyze and solve direct current (DC) and alternating current (AC) circuit problems, applying Kirchhoff's Laws, Ohm's Law, and understanding impedance in chemical and biochemical systems.

Title
Sensors and Process Monitoring (BYU Course Objective)

Tags
179599, 15

Learning Outcome
Students will be able to describe, select, and integrate electrical sensors and signal conditioning techniques for monitoring processes in industrial and medical settings. This includes understanding how to appropriately measure key process variables such as temperature, pressure, flow rate, mixture composition, and liquid level.

Title
Motor and Drive Applications (BYU Course Objective)

Tags
179600, 16

Learning Outcome
Students will be able to explain the operating principles of DC and AC motors and associated control systems, as applied to pumps, valves, and chemical and biochemical process equipment.

Title
Electrical Safety in Chemical Engineering (BYU Course Objective)

Tags
179601, 17

Learning Outcome
Students will demonstrate knowledge of electrical safety measures, including grounding, intrinsically safe circuits, and protection methods for hazardous environments in chemical and biochemical plants.

Title
Feedback Control Loop Tuning (BYU Course Objective)

Tags
179603, 8

Learning Outcome
Students will be able to tune a single feedback control loop.

CBE 445 - Separations and Process Control Lab

Course Information

Teaching Area (new)
CH EN

Course Number
445

Teaching Area
CBE

Course Title
Separations and Process Control Lab

Course Description
Fundamentals laboratory course covering topics from Separations and Process Control.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Concurrent enrollment in CH EN 436 and CH EN 476

Learning Outcomes

Title
Process Variables (BYU Course Objective)

Tags
207637, 4

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Equipment (BYU Course Objective)

Tags
207638, 6

Learning Outcome
Students will be able to operate a process control system and understand the components of such a system.

Title
Critical Thinking (BYU Course Objective)

Tags
207721, 2

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
207722, 3

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
207724, 1

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
207723, 0, 5

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 451 - Chemical and Biological Engineering Capstone I: Process Design

Course Information

Teaching Area (new)
CH EN

Course Number
451

Teaching Area
CBE

Course Title
Chemical and Biological Engineering Capstone I: Process Design

Course Description
Design of chemical and biological engineering processes and plants; requiring application of unit operations, chemical and biological process principles, economic analysis. Synthesis and optimization of chemical and biological processes.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 378 - Science of Engineering Materials
  AND CBE 436 - Process Control and Dynamics
  AND CBE 476 - Separations

Note
College Lecture attendance required.

Learning Outcomes

Title
Engineering Design (ABET Student Outcome 2)

Tags
207640, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Communication (ABET Student Outcome 3)

Tags
207641, 3

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Ethical and Professional Responsibilities (ABET Student Outcome 4)

Tags
207642, 4

Learning Outcome
Students will be able to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
207644, 5

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Simulation Software (BYU Course Objective)

Tags
207645, 6

Learning Outcome
Students will be able to use commercial process simulation software (e.g. Chemcad, HYSYS, Aspen, etc).

Title
Materials Selection (BYU Course Objective)

Tags
207659, 11

Learning Outcome
Students will be able to select materials, based on their properties and behaviors, for a given application.

Title
Complex Problems (ABET Student Outcome 1)

Tags
212011, 0, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Turbines and Compressors (BYU Course Objective)

Tags
207648, 0, 7

Learning Outcome
Students will be able to perform design calculations for turbines and compressors in power and refrigeration cycles.

Title
Risk Management (BYU Course Objective)

Tags
207651, 0, 8

Learning Outcome
Students will be able to apply principles of risk management, Hazards and Operability Studies (HAZOPS), Layers of Protection Analysis (LOPA), and fault-tree analyses in process design.

Title
Oral Presentations (BYU Course Objective)

Tags
207653, 0, 9

Learning Outcome
Students will be able to communicate effectively in oral presentations to technical and business audiences.

Title
Written Reports (BYU Course Objective)

Tags
207655, 0, 10

Learning Outcome
Students will be able to communicate effectively in short and long written formats (email, memo, journal article, technical report, etc.).

Title
Critical Thinking (BYU Course Objective)

Tags
212012, 0, 12

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
212013, 0, 13

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Safety and Environment in Design (BYU Course Objective)

Tags
207652, 0, 15

Learning Outcome
Students will have a working knowledge of safety and environmental regulations and be able to incorporate safety and environmental considerations into engineering design.

Title
Value of Money (BYU Course Objective)

Tags
212014, 0, 16

Learning Outcome
Students will be able to use concepts of interest, compounding, time value of money, annuities, and inflation in performing economic analyses.

Title
Capital Costs

Tags
212015, 0, 17

Learning Outcome
Students will be able to estimate costs in capital ventures, including capital costs, operating costs, cash flow, and profit.

Title
Profitability (BYU Course Objective)

Tags
212016, 0, 18

Learning Outcome
Students will be able to evaluate project profitability using equivalence methods (e.g., net present value) and rate-of-return methods (e.g., internal rate of return).

Title
Multiple-Unit Process Design (BYU Course Objective)

Tags
207650, 0, 19

Learning Outcome
Students will be able to design multiple-unit processes-for fluid flow, heat transfer, reactions, and separations-to produce desired products at specified purities.

Title
Flow Systems (BYU Course Objective)

Tags
207646, 0, 20

Learning Outcome
Students will be able to design flow systems involving pumps, valves, piping, and fittings.

Title
Phase Behavior (BYU Course Objective)

Tags
212017, 0, 21

Learning Outcome
Students will be able to solve problems related to pure-component phase behavior including vapor pressure, critical point, freezing line, triple point, etc.

Title
Phase Equilibrium (BYU Course Objective)

Tags
212018, 0, 22

Learning Outcome
Students will be able to apply solution thermodynamics fundamentals to solve phase equilibrium problems.

Title
Chemical Reactions (BYU Course Objective)

Tags
212019, 0, 23

Learning Outcome
Students will be able to apply the fundamental principles of chemical reactions including conversion, extent of reaction, and equilibrium.

Title
Reactor Design (BYU Course Objective)

Tags
212020, 0, 24

Learning Outcome
Students will be able to design isothermal and non-isothermal chemical reactors.

Title
Separation Processes (BYU Course Objective)

Tags
212021, 0, 25

Learning Outcome
Students will be able to design separations process units including tray-type and packed columns.

Title
Material and Energy Balances (BYU Course Objective)

Tags
207656, 0, 26

Learning Outcome
Students will be able to set up and solve steady state material and energy balances.

Title
Heat Transfer Processes (BYU Course Objective)

Tags
207647, 0, 27

Learning Outcome
Students will be able to design process units for heat transfer.

Title
Professional Commitment (BYU Course Objective)

Tags
212022, 0, 14

Learning Outcome
Students will be committed to safe and environmentally responsible engineering.

CBE 461 - Chemical and Biological Engineering Capstone II: Projects

Course Information

Teaching Area (new)
CH EN

Course Number
461

Teaching Area
CBE

Course Title
Chemical and Biological Engineering Capstone II: Projects

Course Description
Experiential learning in complex problem solving of industrial scale projects.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 436 - Process Control and Dynamics
  AND CBE 476 - Separations

Other Prerequisites
CBE 479 preferred as a prerequisite, but concurrent enrollment allowed

Learning Outcomes

Title
Complex Problems (ABET Student Outcome 1)

Tags
212023, 0, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
212024, 0, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Communication (ABET Student Outcome 3)

Tags
212025, 0, 3

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Teamwork & Leadership (ABET Student Outcome 5)

Tags
212026, 0, 4

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Experimentation & Analysis (ABET Student Outcome 6)

Tags
212027, 0, 5

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

CBE 476 - Separations

Course Information

Teaching Area (new)
CH EN

Course Number
476

Teaching Area
CBE

Course Title
Separations

Course Description
Stage operations, distillation, extraction, and absorption; design applications.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.
  AND CBE 376 - Heat and Mass Transfer

Note
College Lecture attendance required.

Learning Outcomes

Title
Complex Problem Solving (ABET Student Outcome 1)

Tags
179501, 1

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Tags
179502, 2

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Knowledge and Learning (ABET Student Outcome 7)

Tags
179503, 3

Learning Outcome
Students will be able to acquire and apply new knowledge as needed, using appropriate learning strategies.

Title
Process Simulator (BYU Course Objective)

Tags
179504, 5

Learning Outcome
Students will be able to use commercial process simulation software (e.g. Chemcad, HYSYS, Aspen, etc).

Title
Material Balances (BYU Course Objective)

Tags
179505, 13

Learning Outcome
Students will be able to set up and solve steady state material balances.

Title
Energy Balances (BYU Course Objective)

Tags
179506, 14

Learning Outcome
Students will be able to set up and solve steady state energy balances.

Title
Thermodynamics of Mixtures (BYU Course Objective)

Tags
179507, 15

Learning Outcome
Students will understand the fundamental concepts of solution thermodynamics including chemical potential, fugacity, activity, partial molar properties, ideal solutions, and excess properties.

Title
Phase Diagrams (BYU Course Objective)

Tags
179508, 16

Learning Outcome
Students will be able to read and understand phase diagrams and use these to determine physical phenomena.

Title
Dimensionless Numbers (BYU Course Objective)

Tags
179510, 4

Learning Outcome
Students will be able to describe the physical significance behind dimensionless numbers and how these relate to system behavior.

Title
Flash Calculations (BYU Course Objective)

Tags
179511, 8

Learning Outcome
Students will be able to set up and solve single-stage flash calculations.

Title
Tray-type Columns (BYU Course Objective)

Tags
179512, 9

Learning Outcome
Students will be able to design tray-type columns (e.g., number of trays, tray efficiency, column height, column diameter, product specs) and packed columns (e.g., height of column, packing material, column diameter, flooding velocity).

Title
Liquid-Liquid Extraction (BYU Course Objective)

Tags
179513, 10

Learning Outcome
Students will be able to design systems for liquid-liquid extraction.

Title
Batch Distillation (BYU Course Objective)

Tags
179514, 11

Learning Outcome
Students will be able to solve binary batch distillation design problems with and without rectifying stages.

Title
Critical Thinking (BYU Course Objective)

Tags
179515, 6

Learning Outcome
Students will exhibit critical and creative thinking skills for analysis and evaluation of problems and cause-effect relationships.

Title
Engineering Intuition (BYU Course Objective)

Tags
179516, 7

Learning Outcome
Students will be able to make order of magnitude estimates, assess reasonableness of solutions, and select appropriate levels of solution sophistication.

Title
Azeotropes (BYU Course Objective)

Tags
179571, 12

Learning Outcome
Students will be able to design separation processes involving systems that form azeotropes or are only partially miscible in each other.

Title
Molecular-level Understanding (BYU Course Objective)

Tags
179509, 0, 17

Learning Outcome
Students will be able to explain how molecular and continuum phenomena give rise to macroscopic behavior, processes, and properties.

CBE 479 - Unit Operations Laboratory

Course Information

Teaching Area (new)
CH EN

Course Number
479

Teaching Area
CBE

Course Title
Unit Operations Laboratory

Course Description
Experimental verification of unit operations design principles; data collection and reduction; report preparation.

Department
Chemical and Biological Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND CBE 386 - Chemical Reaction Engineering
  AND WRTG 316 - Technical Communication

Recommended
CH EN 391, STAT 121

Learning Outcomes

Title
Communication (ABET Student Outcome 3)

Tags
207660, 1

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Teamwork and Leadership (ABET Student Outcome 5)

Tags
207662, 2

Learning Outcome
Students will function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Experimentation and Analysis (ABET Student Outcome 6)

Tags
207663, 3

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

Title
Safe Engineering Practice (BYU Course Objective)

Tags
207664, 9

Learning Outcome
Students will understand the need for safe engineering practices; demonstrate knowledge of pertinent safety laws and regulations; understand and have a basic knowledge of how safety considerations are incorporated into engineering design.

Title
Technical Presentations (BYU Course Objective)

Tags
207665, 10

Learning Outcome
Students will be able to give effective, well-organized oral presentations to a technical audience.

Title
Written Reports (BYU Course Objective)

Tags
207666, 11

Learning Outcome
Students will be able to communicate effectively in short and long written formats.

Title
Process Variables (BYU Course Objective)

Tags
207668, 13

Learning Outcome
Students will understand process variables (e.g., P, T, flow rate, conc.) including procedures and equipment for their measurement.

Title
Process Control System (BYU Course Objective)

Tags
207669, 14

Learning Outcome
Students will be able to operate a process control system and understand the components of such a system.

Title
Process Equipment (BYU Course Objective)

Tags
207670, 15

Learning Outcome
Students will be able to explain and operate real process equipment.

Title
Engineering Statistics (BYU Course Objective)

Tags
207671, 16

Learning Outcome
Students will understand basic engineering statistics.

Title
Pumps and Valves (BYU Course Objective)

Tags
207707, 4

Learning Outcome
Students will be able to design flow systems involving pumps, valves, piping, and fittings.

Title
Shell and Tube Heat Exchanger Design (BYU Course Objective)

Tags
207708, 5

Learning Outcome
Students will be able to design shell & tube heat exchangers to meet specific needs.

Title
Pumps, Turbines, Compressors (BYU Course Objective)

Tags
207709, 8

Learning Outcome
Students will be able to perform design calculations for pumps.

Title
Reactor Sizing and Performance (BYU Course Objective)

Tags
207710, 6

Learning Outcome
Students will be able to size and do performance calculations on single, isothermal plug-flow, CSTR, and batch reactors for a single homogeneous or heterogeneous reaction.

Title
Sizing Reactors for Serial and Parallel Reactions (BYU Course Objective)

Tags
207711, 7

Learning Outcome
Students will be able to select and size isothermal reactors for series and/or parallel reactions.

Title
Codes of Ethics (BYU Course Objective)

Tags
207667, 0, 12

Learning Outcome
Students will understand and commit to practice the AIChE code of ethics.

CBE 481 - Introduction to Semiconductor Processing

Course Information

Teaching Area (new)
CH EN

Course Number
481

Teaching Area
CBE

Course Title
Introduction to Semiconductor Processing

Course Description
Introduction to unit operations related to silicon-based semiconductor processing. Topics include substrate preparation, photolithography, doping, etching, deposition, CMP, interconnects, and device basics.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 106 - General College Chemistry 2
  OR CHEM 112 - Principles of Chemistry 2

AND

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  OR MATH 303 - Mathematics for Engineering 2

AND

Prerequisites

Complete ALL of the following Courses:

- EC EN 452 - Experiments in Integrated Circuit Development

Other Prerequisites
Junior standing in chemical engineering.

CBE 491 - Networking for Career Advancement

Course Information

Teaching Area (new)
CH EN

Course Number
491

Teaching Area
CBE

Course Title
Networking for Career Advancement

Course Description
Examination of the job seeking process, with a focus on the most time-effective approaches to launching a career. Prioritizing time, setting goals, and effectively creating a strategic network within the desired career field. Tailored for those seeking a job directly after graduation.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

CBE 493R - Special Topics--Undergraduate

Course Information

Teaching Area (new)
CH EN

Course Number
493R

Teaching Area
CBE

Course Title
Special Topics--Undergraduate

Course Description
Classroom study based on student and faculty interest.

Department
Chemical and Biological Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Broad Education

Tags
179397, 0

Learning Outcome
Students will gain a broad understanding of engineering fundamentals and practices.

CBE 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
CH EN

Course Number
495R

Teaching Area
CBE

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Chemical and Biological Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

CBE 496 - Academic Internship Thesis

Course Information

Teaching Area (new)
CH EN

Course Number
496

Teaching Area
CBE

Course Title
Academic Internship Thesis

Course Description
Experiential learning in complex problem solving through an industrial internship or co-op. Thesis writing.

Department
Chemical and Biological Engineering

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in CH EN 199R is permissible with department approval.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Complex Problems (ABET Student Outcome 1)

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Communication (ABET Student Outcome 3)

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Experimentation & Analysis (ABET Student Outcome 6)

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

CBE 498R - Undergraduate Research

Course Information

Teaching Area (new)
CH EN

Course Number
498R

Teaching Area
CBE

Course Title
Undergraduate Research

Course Description
Undergraduate research experience.

Department
Chemical and Biological Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Research Experience

Tags
179409, 0

Learning Outcome
Students will perform fundamental research on specialized topics in a mentored learing enviroment.

CBE 499 - Mentored Research and Thesis

Course Information

Teaching Area (new)
CH EN

Course Number
499

Teaching Area
CBE

Course Title
Mentored Research and Thesis

Course Description
Experiential learning in complex problem solving inherent to fundamental research.

Department
Chemical and Biological Engineering

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Complex Problems (ABET Student Outcome 1)

Learning Outcome
Students will be able to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.

Title
Engineering Design (ABET Student Outcome 2)

Learning Outcome
Students will be able to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Communication (ABET Student Outcome 3)

Learning Outcome
Students will be able to communicate effectively with a range of audiences.

Title
Experimentation & Analysis (ABET Student Outcome 6)

Learning Outcome
Students will be able to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.

CBE 512 - Nuclear Reactor Transient Modeling

Course Information

Teaching Area (new)
CH EN

Course Number
512

Teaching Area
CBE

Course Title
Nuclear Reactor Transient Modeling

Course Description
This course focuses on the thermal-hydraulic assessment of nuclear reactor design basis and beyond design basis transients using state-of-the-art computer code. Instruction will focus on both instruction in using this code and study of design basis accidents for both standard and advanced reactor concepts.

Department
Chemical and Biological Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CBE 374 - Fluid Mechanics

Other Prerequisites
or equivalent to CH EN 374

Recommended
CH EN 376

CBE 513 - Molecular Modeling

Course Information

Teaching Area (new)
CH EN

Course Number
513

Teaching Area
CBE

Course Title
Molecular Modeling

Course Description
Fundamentals of quantum mechanics, statistical mechanics, and molecular-level modeling. Basics of computational chemistry and simulations using deterministic and stochastic methods (molecular dynamics and Monte Carlo) to calculate thermodynamic and transport properties of fluids and fluid mixtures.

Department
Chemical and Biological Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CBE 373 - Chemical and Biological Engineering Thermodynamics.

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 463 - Physical Chemistry 2

Other Prerequisites

or concurrent enrollment.

Learning Outcomes

Title
Basics of Molecular Modeling

Tags
179446, 1

Learning Outcome
Students will understand and be conversant with the basic principles of molecular modeling. These include simple stochastic and deterministic simulations, the fundamental equations of statistical mechanics, computational chemistry, and molecular simulation Understand and be conversant with the basic principles of molecular modeling.

Title
Relating Molecular Concepts to Observables

Tags
179447, 2

Learning Outcome
Students will develop an intuitive thinking pattern that relates observable phenomena to molecular concepts.

Title
Calculate Thermophysical Properties

Tags
179448, 3

Learning Outcome
Students will be able to calculate a wide variety of thermophysical properties from fundamental molecular concepts using QSPR correlations, computational chemistry, molecular simulation, and statistical mechanics.

Title
Real Fluid Properties from Simulations

Tags
179449, 4

Learning Outcome
Students will understand the fundamental relations of statistical mechanics and how to apply them (analytically) to ideal gases and how to use them to evaluate real-fluid properties from molecular simulations.

Title
Developing, Running, and Interpreting Molecular Simulations

Tags
179450, 5

Learning Outcome
Students will be able to put together, run, and interpret the results of Monte Carlo and molecular dynamics simulations to study phenomena and/or properties.

Title
Obtaining Molecular Properties from Quantum Chemistry Calculations

Tags
179451, 6

Learning Outcome
Students will be able to use modern quantum chemical software to optimize molecular geometries and obtain molecular properties and descriptors using a model chemistry.

CBE 518 - Biomedical Engineering Principles

Course Information

Teaching Area (new)
CH EN

Course Number
518

Teaching Area
CBE

Course Title
Biomedical Engineering Principles

Course Description
Application of chemical and biological engineering principles to model physiologic systems and to solve medical problems.

Department
Chemical and Biological Engineering

When Taught
Winter odd years, Spring even years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 374 - Fluid Mechanics
  AND CBE 376 - Heat and Mass Transfer

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Oxygen & Carbon Dioxide Transfer

Tags
179331, 12

Learning Outcome
Students will be able to mathematically estimate the transfer of oxygen and carbon dioxide in the lungs and in artificial oxygenators.

Title
Total-body Mass Balances

Tags
179370, 0

Learning Outcome
Students will be able to formulate total-body mass balances including the major incoming and outgoing components for the human body.

Title
Transport Characterisitics

Tags
179383, 1

Learning Outcome
Students will be able to discuss the transport characteristics of biological membranes in terms of permeability and to estimate the ion flux, electrochemical potential, or chemical species concentrations associated with a particular environment.

Title
Bioethics

Tags
179400, 13

Learning Outcome
Students will be able to discuss the foundational principles of bioethics and the legal and sociological factors that affect their implementation.

Title
Mechanical Behavior

Tags
179403, 4

Learning Outcome
Students will be able to analyze the mechanical behavior of physiological tissue and biomaterials in terms of stress-strain behavior, viscoelasticity, and motion.

Title
Man-made Flow Systems

Tags
179410, 3

Learning Outcome
Students will be able to describe and to numerically predict major aspects of the humancirculatory system and the behavior of blood in physiologic and man-made flow systems.

Title
Biomaterials

Tags
179412, 5

Learning Outcome
Students will be able to describe the general classes of biomaterials and how they address requirements in various biomedical applications.

Title
Time Behavior of Chemical Species

Tags
179419, 9

Learning Outcome
Students will be able to formulate the equations to describe the time behavior of a chemical species for given physiological model, transport, and reaction assumptions.

Title
Medical Imaging

Tags
179425, 7

Learning Outcome
Students will be able to describe the major types of medical imaging and the advantages and disadvantages of each.

Title
Tissue Engineering Processes

Tags
179432, 6

Learning Outcome
Students will be able to describe the basic processes of tissue engineering and the associated cell growth and transport issues.

Title
Neuroprosthetic Device

Tags
179438, 2

Learning Outcome
Students will be able to discuss the factors important to the effectiveness of a neuroprosthetic device.

Title
Biosensors

Tags
179440, 8

Learning Outcome
Students will be able to describe several common strategies used in biosensors and to explain the need for such sensors.

Title
Drug Delivery Systems

Tags
179441, 10

Learning Outcome
Students will be able to describe several medical circumstances for which drug delivery systems would be advantageous and to formulate the equations to describe the release of a drug into a patient under such circumstances.

Title
Hemodialysis

Tags
179443, 11

Learning Outcome
Students will be able to describe the clinical requirements for hemodialysis and to mathematically estimate the rate of removal of metabolic products by normal kidneys and during hemodialysis.

CBE 519 - Biochemical Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
519

Teaching Area
CBE

Course Title
Biochemical Engineering

Course Description
Applying chemical and biological engineering principles to biochemical systems.

Department
Chemical and Biological Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 374 - Fluid Mechanics
  AND CBE 386 - Chemical Reaction Engineering

Other Prerequisites

or concurrent enrollment.

Learning Outcomes

Title
Biotechnology Applications

Tags
179452, 1

Learning Outcome
Students will be able to identify, recognize, and appreciate engineering contributions in biotechnology applications.

Title
Tools of Biochemical Engineering

Tags
179453, 2

Learning Outcome
Students will be familiar with the tools of biochemical engineering (PCR, rDNA technology, protein engineering, protein display, fermentation, etc.).

Title
Protein Drugs

Tags
179454, 3

Learning Outcome
Students will understand how protein drugs are discovered, produced, and purified.

Title
Enzyme and Metabolic Engineering

Tags
179455, 4

Learning Outcome
Students will understand the role of enzyme and metabolic engineering in synthetic biology.

Title
Bioreactors

Tags
179456, 5

Learning Outcome
Students will utilize material balances to evaluate and optimize cell growth and substrate/product utilization in bioreactors.

Title
Recovery and Purification

Tags
179457, 6

Learning Outcome
Students will apply engineering principles to recover and purification techniques of bioprocess.

Title
Literature

Tags
179458, 7

Learning Outcome
Students will be able to read and understand primary literature articles

CBE 522 - Combustion

Course Information

Teaching Area (new)
CH EN

Course Number
522

Teaching Area
CBE

Course Title
Combustion

Course Description
Fundamentals of transport processes in reacting flow systems with specific applications of various combustion processes.

Department
Chemical and Biological Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.
  AND CBE 376 - Heat and Mass Transfer

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND ME EN 340 - Heat Transfer
  AND ME EN 422 - Applied Thermodynamics

Learning Outcomes

Title
Global Impact of Combustion Processes

Learning Outcome
Students will understand and appreciate the global impact of combustion processes and the wide breadth of applications.

Title
Evaluation of Systems

Learning Outcome
Students will be able to evaluate combustion systems using conservation of mass, energy, and heat transfer.

Title
System Analysis and Combustion Design

Learning Outcome
Students will be able to perform basic combustion calculations involved in system analysis and combustion design.

Title
Thermodynamic Evaluation

Learning Outcome
Students will be able to perform thermodynamic evaluations of combustion processes including heat release, heat of formation, temperature, and equilibrium calculations.

Title
Reaction Mechanisms

Learning Outcome
Students will understand reaction mechanisms and be able to perform calculations involving chemical kinetic reactions.

Title
Flame Types

Learning Outcome
Students will understand the physical phenomena of various flame types and apply them to commercially relevant systems.

CBE 528 - Industrial Catalytic Processes

Course Information

Teaching Area (new)
CH EN

Course Number
528

Teaching Area
CBE

Course Title
Industrial Catalytic Processes

Course Description
Fundamentals of catalytic chemistry and materials; applications to important industrial catalytic processes. Includes catalyst materials and preparation, catalyst characterization, fixed-bed reactor design, and catalyst deactivation.

Department
Chemical and Biological Engineering

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 386 - Chemical Reaction Engineering

Learning Outcomes

Title
Process Chemistry

Tags
179367, 1

Learning Outcome
Students will learn the key aspects of the process chemistry, kinetics, mechanisms, catalyst deactivation, reactor design and process design of 13 globally-significant catalytic processes.

Title
Key Industrial Catalytic Processes

Tags
179404, 0

Learning Outcome
Students will learn about key industrial catalytic processes in the production of chemicals, refining of petroleum, and control of the environment.

Title
Catalysis Principles

Tags
179407, 2

Learning Outcome
Students will apply principles of catalysis to derivation of rate expressions and reactor design calculations for a few processes.

CBE 531 - Thermodynamics of Multicomponent Systems

Course Information

Teaching Area (new)
CH EN

Course Number
531

Teaching Area
CBE

Course Title
Thermodynamics of Multicomponent Systems

Course Description
Fundamental concepts and applications in first and second laws, equilibrium and stability, phase equilibrium, and homogeneous and heterogeneous chemical equilibrium.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 463 - Physical Chemistry 2

Other Prerequisites
or concurrent enrollment.

Learning Outcomes

Title
Pure-Fluid Calculations & Relationships

Tags
179266, 0, 4

Learning Outcome
Students will be able to calculate properties of pure fluids (e.g., vapor pressure, molar volumes, etc.) using correlations and equations of state; calculate the properties of mixtures using ideal mixing properties and excess properties; show relationships between pure-fluid properties (e.g., Clapeyron Equation); and determine partial molar enthalpies, volumes, and entropies from experimental data and from equations for excess Gibbs energy.

Title
Phase Equilibrium

Tags
179267, 0, 6

Learning Outcome
Students will be able to write down the basic equations for vapor-liquid equilibrium using the gamma and phi methods; find vapor-liquid equilibrium phase compositions, dew points, and bubble points for binary systems with ideal gas phase using the method; calculate, at a given temperature, pressure, and feed composition, liquid and vapor compositions and amounts vaporized using the gamma and phi methods; calculate liquid-liquid compositions using excess Gibbs energy equations; and calculate solid-liquid solubilities.

Title
Open Systems & Pure Fluids

Tags
179387, 0, 2

Learning Outcome
Students will be able to perform 1st and 2nd law analysis of heat and work interactions for open systems and calculate process variables for pure fluids using equations of state, departure functions, and corresponding states.

Title
Pure-Fluid Calculations & Relationships

Tags
179415, 0, 3

Learning Outcome
Students will demonstrate use of correlations and equations of state properties of pure fluids (e.g., vapor pressure, molar volumes, etc.); utilize ideal mixing properties and excess properties in calculating the properties of mixtures; and show relationships between pure-fluid properties (e.g., Clapeyron Equation) and determine partial molar enthalpies, volumes, and entropies from various methods (e.g., experimental data and from equations for excess Gibbs energy).

Title
Phase Equilibrium

Tags
179398, 0, 5

Learning Outcome
Students will demonstrate proficiency with the basic equations for vapor-liquid equilibrium using fugacity/fugacity coefficients and activity/activity coefficients; find vapor-liquid equilibrium phase compositions, dew points, and bubble points for binary systems with ideal gas phase using those parameters; compute liquid-vapor equilibrium in binary systems and utilize gamma and phi methods at a given temperature, pressure, and feed composition, liquid and vapor compositions and amounts vaporized; utilize liquid-liquid equilibrium equations; and determine solid-liquid solubility.

Title
Chemical Equilibrium

Tags
179444, 0, 7

Learning Outcome
Students will know and use the relationship among heats of formation, absolute entropy and Gibbs energy of formation; know and use the relationship between Gibbs energy of formation and the equilibrium constant; and use the equilibrium distribution of reacting ideal gas mixtures, equilibrium compositions and temperature for a given heat interaction (e.g., adiabatic, isothermal, or given heat leak) for a given feed composition, pressure, and initial temperature and real fluids.

Title
Fundamental Understanding

Tags
211249, 0, 1

Learning Outcome
Students will be able to articulate how individual molecular and quantum behaviors are related to classical thermodynamics and demonstrate how the variables from the fundamental laws of thermodynamics are related to each other.

CBE 533 - Transport Phenomena

Course Information

Teaching Area (new)
CH EN

Course Number
533

Teaching Area
CBE

Course Title
Transport Phenomena

Course Description
Transport mechanisms and coefficients and fundamental field equations for momentum, heat, and mass transport, with application to system design.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND MATH 303 - Mathematics for Engineering 2

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND MATH 447 - Introduction to Partial Differential Equations

Other Prerequisites
ChEn 476 or concurrent enrollment

Recommended
Math 447

Learning Outcomes

Title
Conservation Laws

Tags
179268, 0, 1

Learning Outcome
Students will be able to derive the equations of change for total mass, species mass, momentum, and energy from conservation principles for Cartesian or orthogonal curvilinear coordinate systems.

Title
Dimensional Analysis

Tags
179269, 0, 2

Learning Outcome
Students will be able to apply the principles of dimensional analysis to the equations of change to generate terms containing dimensionless parameters such as Re, Pr, Sc, Gr, and Pe.

Title
Physical Intuition

Tags
211189, 0, 3

Learning Outcome
Students will understand the origin and physical meaning of terms in the equations of change and when and how to use appropriate simplifying assumptions for a given engineering problem.

Title
Vectors and Tensors

Tags
179270, 0, 4

Learning Outcome
Students will be able to interpret and manipulate transport equations and corresponding solutions that are expressed using vector and tensor notation in Cartesian or orthogonal curvilinear coordinate systems.

Title
Solutions to the Equations of Change

Tags
179271, 0, 5

Learning Outcome
Students will be able to generate analytic solutions to the equations of change using various techniques.

Title
Transport Properties

Tags
179273, 0, 7

Learning Outcome
Students will be able to explain the molecular origins of observed transport properties and predict the transport properties from traditional theories.

Title
Transport Applications

Tags
179274, 0, 8

Learning Outcome
Students will be exposed to one or more advanced topics in transport phenomena including interfacial transport, fluid turbulence, multicomponent energy and mass transfer, electrolyte transport, and buoyancy-driven transport.

Title
Innovation

Tags
179276, 0, 10

Learning Outcome
Students will be able to analyze the viability of proposed solutions to engineering problems in terms of transport processes and apply knowledge of transport processes to generate new solutions to engineering problems.

CBE 535 - Kinetics and Catalysis

Course Information

Teaching Area (new)
CH EN

Course Number
535

Teaching Area
CBE

Course Title
Kinetics and Catalysis

Course Description
Theories and principles of chemical kinetics, including heterogeneous catalysis and reactor design.

Department
Chemical and Biological Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 386 - Chemical Reaction Engineering

Learning Outcomes

Title
Elementary Reactions and Ideal Reactors

Tags
179277, 0, 1

Learning Outcome
Students will be able to describe principles of chemical reactions, including elementary reactions and stoichiometry; identify and utilize general properties of rate laws associated with elementary reactions; derive material and energy balances for ideal reactors from first principles, including transient plug flow reactors and gas expansion; derive the pressure drop equation and estimate pressure drop parameters for packed bed reactors; apply principles of rate laws, material and energy balances, pressure drop, extent of reaction, and conversion for solving steady state and unsteady state ideal reactor design problems; and incorporate computational tools, including Python, to solve the design problems.

Title
Theory of Chemical Kinetics

Tags
179278, 0, 2

Learning Outcome
Students will demonstrate an in-depth theoretical understanding of collision theory (CT) and transition-state theory (TST) associated with bimolecular reactions; calculate partition functions for TST; estimate pre-exponential factors from CT and TST for homogeneous bimolecular reactions; recognize constraints of CT and TST; and utilize databases to assess accuracy of predictions and to estimate steric factors.

Title
Rate Laws

Tags
179279, 0, 3

Learning Outcome
Students will be able to derive rate laws from a sequence of elementary steps for a homogeneous chain reaction or a heterogeneous catalytic reaction; utilize principles of steady state approximation (SSA), rate limiting step (RLS), most abundant species intermediate (MASI), and Langmuir-Hinshelwood mechanisms in deriving rate laws; recognize constraints and limitations of these methods; identify principles and guidelines for measuring rate data; and fit rate data to obtain rate law parameters and associated statistical confidence levels of these parameters.

Title
Catalysis

Tags
179280, 0, 4

Learning Outcome
Students will understand molecular processes involved in adsorption/ desorption of molecules on a solid surface; derive rate laws for heterogeneous catalysis; calculate catalyst properties based on BET analysis and mercury porosimetry; estimate Knudsen diffusion coefficients and predict effective diffusion coefficients; calculate concentration and temperature gradients in various catalyst geometries and estimate isothermal and non-isothermal effectiveness factors associated with internal and external transport resistances; and utilize the above principles to predict the operation of catalytic reactors.

Title
Non-ideal Reactors

Tags
179281, 0, 5

Learning Outcome
Students will be able to identify factors that lead to non-ideal reactors; utilize residence time distribution (RTD) tools to characterize non-ideal reactors; utilize methods to predict RTDs for reactors in series, reactors in parallel, and reactors with dead space or channeling; apply zero-parameter models (segregation and maximum mixedness) and one-parameter models (tank-in-series and dispersion) to predict outputs of non-ideal reactors for single and multiple reactions; and for the one-parameter models, demonstrate methods for determining the parameter used in the models.

CBE 536 - Machine Learning and Dynamic Optimization

Course Information

Teaching Area (new)
CH EN

Course Number
536

Teaching Area
CBE

Course Title
Machine Learning and Dynamic Optimization

Course Description
Machine Learning and Dynamic Optimization is a graduate level course on the theory and applications of numerical solutions of time-varying systems with a focus on engineering design and real-time control applications. Concepts taught in this course include physics-based and empirical modeling, machine learning classification and regression, nonlinear programming, estimation, and advanced control methods such as model predictive control.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 436 - Process Control and Dynamics

Other Prerequisites
or equivalent to CH EN 436

Recommended
ME 575

CBE 541 - Numerical Methods for Engineers

Course Information

Teaching Area (new)
CH EN

Course Number
541

Teaching Area
CBE

Course Title
Numerical Methods for Engineers

Course Description
Computer-aided design and numerical methods of chemical and biological engineering processes.

Department
Chemical and Biological Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND MATH 303 - Mathematics for Engineering 2

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 376 - Heat and Mass Transfer
  AND MATH 334 - Ordinary Differential Equations

Other Prerequisites

or equivalent.

CBE 561 - Electrochemical Methods and Applications

Course Information

Course Number

561

Teaching Area

CBE

Course Title

Electrochemical Methods and Applications

Course Description

This course develops the fundamental (thermodynamics, kinetics, and mass transfer) and practical aspects of electrochemistry involved in electroanalytical methods, like voltammetry and chronoamperometry, and applications, such as batteries and electrorefining.

Department

Chemical and Biological Engineering

When Taught

Winter Even Years

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisite

Type

Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND CHEM 105 - General College Chemistry 1 with Lab (Integrated)

OR

Prerequisite

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND CHEM 111 - Principles of Chemistry 1

Learning Outcomes

Title
Electrochemical Theory and Processes

Learning Outcome
Students will be able to apply electrochemical theory and principles to the measurement and analysis of electrochemically active species in solutions

Title
Physical Principles of Electrochemical Systems

Learning Outcome
Students will be able to identify and quantify the influence of physical properties on electrochemical behavior

Title
Interpretation of Electrochemical Data

Learning Outcome
Students will be able to determine physical properties from electrochemical data through observation and rigorous analysis

Title
Chemical Conditions Influence on Electrochemistry

Learning Outcome
Students will be able to qualitatively and quantitatively demonstrate the interplay between chemical conditions and electric current and potential

Title
Electrochemistry Applications

Learning Outcome
Students will be able to use their understanding of electrochemical theory and principles to evaluate tradeoffs in electrochemical technologies

Title
Intellectual and Spiritual Inquiry

Learning Outcome
Students will develop their learning, critical thinking, and analytical skills through rigorous scholarship and the integration of faith and reason. They will be prepared to navigate uncertainties through inquiry, learning, and faith.

CBE 578 - Polymer Science and Engineering

Course Information

Teaching Area (new)
CH EN

Course Number
578

Teaching Area
CBE

Course Title
Polymer Science and Engineering

Course Description
Foundation science and theory of polymer chemistry and physics and their implications in engineering applications. Topics include polymerization chemistry, structure-property relationships, polymer physics, and transport properties.

Department
Chemical and Biological Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CBE 378 - Science of Engineering Materials

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Manufacturing Processes

Tags
179328, 5

Learning Outcome
Students can name various manufacturing processes and can do simple formulation of manufacturing processes to build things from polymers.

Title
Polymer Configuration & Conformation

Tags
179347, 1

Learning Outcome
Students recognize the roles that polymer configuration and conformation have upon polymer physical and chemical properties.

Title
Polymer Scenario or Application

Tags
179350, 8

Learning Outcome
For a given scenario or application, students can propose various polymers that meet the requirements, identify the monomers required to make the polymers, and design the industrial polymerization and manufacturing processes to produce the desired object for the application.

Title
Polymer & Monomer Identification

Tags
179374, 0

Learning Outcome
Students can name polymers and identify the monomers from which the polymers are built.

Title
Chain Polymerizations

Tags
179388, 2

Learning Outcome
Students can describe the mechanisms of chain polymerizations, and can predict reaction rates and polymer chain lengths.

Title
Step Polymerizations

Tags
179413, 3

Learning Outcome
Students can describe the mechanisms of step polymerizations, and can predict reaction rates and polymer chain lengths.

Title
Industrial Scale Polymerization Processes

Tags
179420, 7

Learning Outcome
Students can analyze industrial scale polymerization processes and evaluate the advantages and disadvantages of various processes.

Title
Polymer Recycling

Tags
179430, 6

Learning Outcome
Students recognize the principles of polymer recycling and can select appropriate recycle or reuse methods to balance economics and environmental responsibility.

Title
Polymer Design

Tags
179431, 4

Learning Outcome
Based on tabulated mechanical properties, students can design polymer structures to sustain engineering loads, and can predict deformations under load.

CBE 593R - Special Topics - Intermediate

Course Information

Teaching Area (new)
CH EN

Course Number
593R

Teaching Area
CBE

Course Title
Special Topics - Intermediate

Course Description
Special topics for advanced undergraduate students and for graduate students.

Department
Chemical and Biological Engineering

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Non-curricular Knowledge

Tags
179436, 0

Learning Outcome
Students will develop knowledge and skills about topics addressed at the appropriate level but not regularly taught as part of the department curriculum

CBE 618 - Advanced Biomedical Engineering

Course Information

Course Number
618

Teaching Area
CBE

Course Title
Advanced Biomedical Engineering

Course Description
Advanced application of chemical engineering principles to model physiologic systems and to solve medical problems.

Department
Chemical and Biological Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:
- CBE 351 - Fundamentals of Biomedical Engineering
- ME EN 351 - Fundamentals of Biomedical Engineering

Other Prerequisites
Must have graduate standing in university

Note
Only CBE 518 or CBE 618 (not both) can be applied towards graduation requirements

Learning Outcomes

Title
Total-body Mass Balances

Learning Outcome
Students will be able to formulate total-body mass balances including the major incoming and outgoing components for the human body.

Title
Transport Characteristics

Learning Outcome
Students will be able to discuss the transport characteristics of biological membranes in terms of permeability and to estimate the ion flux, electrochemical potential, or chemical species concentrations associated with a particular environment.

Title
Neuroprosthetic Device

Learning Outcome
Students will be able to discuss the factors important to the effectiveness of a neuroprosthetic device.

Title
Man-made Flow Systems

Learning Outcome
Students will be able to describe and to numerically predict major aspects of the humancirculatory system and the behavior of blood in physiologic and man-made flow systems.

Title
Mechanical Behavior

Learning Outcome
Students will be able to analyze the mechanical behavior of physiological tissue and biomaterials in terms of stress-strain behavior, viscoelasticity, and motion.

Title
Biomaterials

Learning Outcome
Students will be able to describe the general classes of biomaterials and how they address requirements in various biomedical applications.

Title
Tissue Engineering Processes

Learning Outcome
Students will be able to describe the basic processes of tissue engineering and the associated cell growth and transport issues.

Title
Medical Imaging

Learning Outcome
Students will be able to describe the major types of medical imaging and the advantages and disadvantages of each.

Title
Biosensors

Learning Outcome
Students will be able to describe several common strategies used in biosensors and to explain the need for such sensors.

Title
Time Behavior of Chemical Species

Learning Outcome
Students will be able to formulate the equations to describe the time behavior of a chemical species for given physiological model, transport, and reaction assumptions.

Title
Drug Delivery Systems

Learning Outcome
Students will be able to describe several medical circumstances for which drug delivery systems would be advantageous and to formulate the equations to describe the release of a drug into a patient under such circumstances.

Title
Hemodialysis

Learning Outcome
Students will be able to describe the clinical requirements for hemodialysis and to mathematically estimate the rate of removal of metabolic products by normal kidneys and during hemodialysis.

Title
Oxygen & Carbon Dioxide Transfer

Learning Outcome
Students will be able to mathematically estimate the transfer of oxygen and carbon dioxide in the lungs and in artificial oxygenators

Title
Bioethics

Learning Outcome
Students will be able to discuss the foundational principles of bioethics and the legal and sociological factors that affect their implementation.

Title
Independent Research Project

Learning Outcome
Propose, develop, present, and write a technical paper on a research project related to biochemical engineering

Title
Research Mentoring

Learning Outcome
Mentor a team of graduate and undergraduate students on a research project related to biochemical engineering

CCE 101 - Introduction to Civil and Construction Engineering

Course Information

Teaching Area (new)
CCE

Course Number
101

Teaching Area
CCE

Course Title
Introduction to Civil and Construction Engineering

Course Description
Introduction to Civil Engineering, Construction Management, and Facility and Property Management, including careers in the professions and courses and curriculum of the majors. Freshman projects and teamwork.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
1. Teamwork

Learning Outcome
Participate on a student team to complete assigned tasks.

Title
2. Information Discovery

Learning Outcome
Discover and digest information from the internet, the literature, and interviews about assigned civil engineering subjects.

Title
3. Engineering Ethics

Learning Outcome
Understand the meaning and importance of ethical and professional responsibilities in engineering situations, and make an informed judgment considering the impact of global, economic, environmental, and societal contexts.

CCE 102 - Sustainable Infrastructure

Course Information

Teaching Area (new)
CCE

Course Number
102

Teaching Area
CCE

Course Title
Sustainable Infrastructure

Course Description
Sustainability in built environments and infrastructure with a focus on global challenges and solutions.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Infrastructure and Society

Learning Outcome
Describe how civil infrastructure and the built environment can foster (or inhibit) a sustainable society, including efforts to achieve United Nations Sustainable Development Goals.

Title
Project Decision Frameworks

Learning Outcome
Apply decision frameworks to evaluate projects from a life-cycle perspective, considering trade-offs and impacts of the built environment on society and the natural world.

Title
Engineering Economics

Learning Outcome
Apply the principle of time value of money to identify financially sustainable infrastructure investment decisions.

Title
Ethical Stewardship (ABET Student Outcome 4)

Learning Outcome
Recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts. (CE / ABET Student Outcome 4)

Title
Teamwork (ABET Student Outcome 5)

Learning Outcome
Function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives. (CE / ABET Student Outcome 5)

CCE 103 - Engineering Mechanics--Statics.

Course Information

Teaching Area (new)
CCE

Course Number
103

Teaching Area
CCE

Course Title
Engineering Mechanics--Statics.

Course Description
Concepts of mechanics: force systems in equilibrium, resultants, friction, centroids, utilization of vector algebra, simple trusses, shear and bending moment diagrams, moments of inertia.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1

Learning Outcomes

Title
1. Units

Learning Outcome
Be able to manipulate basic engineering units in both the International and US Customary Systems of Units in engineering analysis and be able to convert between the two.

Title
2. Vector Notation

Learning Outcome
Be able to perform basic vector operations using standard vector notation.

Title
3. Free-Body Diagrams

Learning Outcome
Be able to conceptualize and draw a conventional free-body diagram which identifies and applies all known and unknown forces.

Title
4. Forces

Learning Outcome
Understand the nature of forces(s) and their manipulation in engineering analysis, including moments, couples, transmissibility and resultants.

Title
5. Equilibrium

Learning Outcome
Understand the conditions for equilibrium for both a particle and a rigid body.

Title
6. Axial Forces

Learning Outcome
Be able to determine the axial forces in the members of a statically determinant truss.

Title
7. Center of Gravity

Learning Outcome
Be able to calculate the center of gravity for 2 and 3 dimensional rigid bodies.

Title
8. Shear Force and Bending Moment Diagrams

Learning Outcome
Be able to both calculate and draw diagrams for the internal shear forces and bending moments in straight, statically determinant beams.

Title
9. Friction

Learning Outcome
Understand the nature of friction and be able to solve problems involving friction and shear on horizontal and inclined planes.

Title
10. Centroids

Learning Outcome
Be able to use calculus to compute centroids of lines, areas and volumes.

Title
11. (1) Problem Solving

Learning Outcome
An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET EAC Student Outcome 1) An ability to identify, formulate, and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline. (ABET ANSAC Student Outcome 1)

CCE 112 - Engineering Drafting

Course Information

Teaching Area (new)
CCE

Course Number
112

Teaching Area
CCE

Course Title
Engineering Drafting

Course Description
Structural and component drafting, emphasizing computer-automated (CAD) systems. Concepts include applied and descriptive geometry, multiview representation, sectional views, dimensional practices, and axonometric sketching.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Software Acquisition and Installation

Learning Outcome
Understand and explain software licensing models and how to obtain and install software.

Title
File Management

Learning Outcome
Demonstrate an ability to download technical files from web-based repositories, store the files onto local and shared computing networks, and open and edit files in engineering software.

Title
Technical Documentation

Learning Outcome
Demonstrate an ability to obtain useful guidance from software documentation and online help forums, including appropriate use of generative AI.

Title
Design

Learning Outcome
Perform engineering design or analysis using software.

Title
Engineering Visualization

Learning Outcome
Produce a visualization that communicates the results of an engineering design or analysis. (CE / ABET Outcome 3)

Title
Fundamental drafting concepts

Learning Outcome
Represent 3D geometry in 2D using plan views, section views, and elevation views. Understand use of plan sets for construction bid documents.

Title
2D Drafting using AutoCAD

Learning Outcome
Draw, edit, and visualize objects using AutoCAD. Create annotations and titles and prepare visualizations for printing.

Title
3D Design using AutoCAD Civil 3D

Learning Outcome
Draw, edit, and visualize objects using Civil 3D. Use styles and settings to display information.

Title
3D Modeling and 2D Plan Production using Revit

Learning Outcome
Draw, edit, and visualize objects using Revit. Create and modify schedules and create sheets and place views on sheets.

CCE 113 - Construction Modeling

Course Information

Teaching Area (new)
CCE

Course Number
113

Teaching Area
CCE

Course Title
Construction Modeling

Course Description
Developing architectural plans using Building Information Modeling; floor, foundation, plot, elevations, sections, and details. Renderings and other advanced modeling techniques.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Note
Fee.

CCE 114 - Geomatics

Course Information

Teaching Area (new)
CCE

Course Number
114

Teaching Area
CCE

Course Title
Geomatics

Course Description
“Use of surveying and GPS measurements, earth observations, and online databases within geographic information system (GIS) software to organize, visualize, and analyze geospatial data used in civil, environmental, and construction engineering problems and projects.”

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Software Acquisition and Installation

Learning Outcome
Understand and explain software licensing models and how to obtain and install software.

Title
File Management

Learning Outcome
Demonstrate an ability to download technical files from web-based repositories, store the files onto local and shared computing networks, and open and edit files in engineering software.

Title
Technical Documentation

Learning Outcome
Demonstrate an ability to obtain useful guidance from software documentation and online help forums, including appropriate use of generative AI.

Title
Design

Learning Outcome
Perform engineering design or analysis using software.

Title
Engineering Visualization

Learning Outcome
Produce a visualization that communicates the results of an engineering design or analysis. (CE / ABET Outcome 3)

Title
Acquiring Spatial Data

Learning Outcome
Locate, understand, and retrieve spatial data from government and other repositories using metadata.

Title
Data Models

Learning Outcome
Describe all common spatial data formats and data models and select an appropriate data model for a specific use.

Title
Projections and Coordinate Systems

Learning Outcome
Select an appropriate geographic projection for use in engineering-specific problems and describe the key characteristics of different common coordinate and geographic projection systems.

Title
Spatial Data Analysis

Learning Outcome
Use geographic information system tools for spatial analysis, understanding and design of engineering systems.

CCE 122 - Surveying

Course Information

Course Number
122

Teaching Area
CCE

Course Title
Surveying

Course Description
Land surveying in the context of construction and engineering measurements. Laboratory activities using modern surveying tools and methods.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Engineering Measurements

Learning Outcome
Use specialized equipment to measure the natural or built environment.

Title
Error Analysis

Learning Outcome
Compute errors, precision, and accuracy of engineering measurements.

Title
Data Stewardship

Learning Outcome
Produce laboratory or field notes documenting procedures, conditions, raw data, and derivative data.

Title
Experiments and Data

Learning Outcome
An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. (CE - ABET Outcome 6) An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions (CFM – ABET Outcome 3)

CCE 194R - Special Topics in Civil and Construction Engineering

Course Information

Course Number
194R

Teaching Area
CCE

Course Title
Special Topics in Civil and Construction Engineering

Course Description
Directed studies in Civil and Construction Engineering related to professional practice

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Special Topics

Learning Outcome
Students in the course will learn topics outside the standard curriculum that allows the student to broaden their education as it relates to Civil and Construction Engineering.

CCE 203 - Engineering Mechanics--Mechanics of Materials

Course Information

Teaching Area (new)
CCE

Course Number
203

Teaching Area
CCE

Course Title
Engineering Mechanics--Mechanics of Materials

Course Description
Fundamental concepts of elastic stress and strain, including transformations and stress-strain relations; beam/column theories (axial, flexure, torsion, and shear loads and deformations); shear and bending moment relationships; column stability; and cylindrical and spherical pressure vessels.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CCE 103 - Engineering Mechanics--Statics.
- PHSCS 105 - General Physics 1
  OR PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 101 - Static Systems in Mechanical Engineering

Learning Outcomes

Title
Stresses

Learning Outcome
Students will be able to calculate and transform axial stress (e.g., Mohr's Circle), shear stress, bearing stress, thermal stress, bending stress, and combined stress.

Title
Strains

Learning Outcome
Students will be able to calculate strain, transform strain (e.g. Mohr's Circle), apply stress-strain relations (e.g., Hooke's Law), and solve statically indeterminate problems.

Title
Deflections

Learning Outcome
Students will be able to analyze deflections due to axial, torsion, bending, and shear loads, and manipulate relations between shear and bending moment.

Title
Beam/Column Design

Learning Outcome
Students will be able to design beams and columns to carry specified axial, flexure, and shear loads, and predict their deformation and elastic stability (i.e., buckling).

Title
Pressure Vessels

Learning Outcome
Students will be able to predict stresses in pressure vessels.

CCE 231 - Foundations of Global Leadership

Course Information

Teaching Area (new)
CCE

Course Number
231

Teaching Area
CCE

Course Title
Foundations of Global Leadership

Course Description
Foundational principles and practices of individual and organizational leadership in a global context from an integrated moral, technical and social perspective. Emphasis on developing integrity, valuing and leveraging diversity, acquiring and applying leadership skills.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CCE 270 - Computational Methods

Course Information

Teaching Area (new)
CCE

Course Number
270

Teaching Area
CCE

Course Title
Computational Methods

Course Description
Computational techniques for solving problems in civil engineering and construction.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CCE 102 - Sustainable Infrastructure
  AND CCE 112 - Engineering Drafting

OR

Prerequisites

Complete ALL of the following Courses:
- CCE 102 - Sustainable Infrastructure
  AND CCE 113 - Construction Modeling

OR

Prerequisites

Complete ALL of the following Courses:
- CCE 102 - Sustainable Infrastructure
  AND CCE 114 - Geomatics

Learning Outcomes

Title
Computing Basics

Learning Outcome
Acquire an understanding of basic computer science concepts such as files, file extensions, file organization, programming languages, editors, and related software programs.

Title
Engineering Computations

Learning Outcome
Develop the ability to apply basic spreadsheet and programming skills to solve civil and construction engineering problems by using and understanding concepts such as functions, variables, solution methods, and formulas. (CE / ABET Student Outcome 1)

Title
Computer Programming

Learning Outcome
Develop the ability to use spreadsheets or programming languages to automate tasks and create solutions for civil and construction engineering analysis and design.

CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites

Course Information

Teaching Area (new)
CE

Course Number
304

Teaching Area
CCE

Course Title
Civil Engineering Materials: Metals, Woods, and Composites

Course Description
Molecular basis and mechanical behavior of civil engineering structural materials; failure theories; laboratory testing.

Department
Civil and Construction Engineering

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- CCE 270 - Computational Methods
  AND CCE 203 - Engineering Mechanics--Mechanics of Materials
  AND STAT 201 - Statistics for Engineers and Scientists

OR

Complete ALL of the following Courses:
- CCE 270 - Computational Methods
  AND CCE 203 - Engineering Mechanics--Mechanics of Materials
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Wood and Steel

Learning Outcome
Be able to extract basic material properties of wood, aluminum and steel from simple mechanical tests.

Title
Communication

Learning Outcome
Develop an ability to communicate effectively.

Title
Experimentation and Data Interpretation

Learning Outcome
Develop an ability to design and conduct civil engineering experiments, as well as to analyze and interpret data.

Title
Failure Mechanisms

Learning Outcome
Observe and understand the failure mechanisms of isotropic and orthotropic materials.

Title
Composites

Learning Outcome
Understand basic characteristics of fiber-reinforced plastic composite materials.

Title
Application

Learning Outcome
Develop an ability to apply knowledge of structural engineering.

Title
Failure Theories

Learning Outcome
Be able to apply the maximum normal stress, maximum shear stress, and octahedral shear stress failure theories.

CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

Course Information

Teaching Area (new)
CCE

Course Number
306

Teaching Area
CCE

Course Title
Civil Engineering Materials: Concrete, Masonry, and Asphalt

Course Description
Composition, engineering behavior, and construction of concrete, masonry, and asphalt; laboratory testing.

Department
Civil and Construction Engineering

When Taught
Fall Term 2; Winter Term 2.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 201 - Statistics for Engineers and Scientists **AND** CCE 270 - Computational Methods

OR

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 121 - Introduction to Statistical Data Analysis **AND** CCE 270 - Computational Methods

Learning Outcomes

Title
Aggregates

Learning Outcome
Understand properties, behavior, and use of aggregates.

Title
Portland Cement

Learning Outcome
Understand manufacturing, properties, behavior, and use of portland cement.

Title
Portland Cement Concrete

Learning Outcome
Understand production, properties, placement, behavior, and use of portland cement concrete.

Title
Masonry

Learning Outcome
Understand production, properties, placement, behavior, and use of masonry units.

Title
Asphalt Cement

Learning Outcome
Understand manufacturing, properties, behavior, and use of asphalt cement.

Title
Asphalt Concrete

Learning Outcome
Understand production, properties, placement, behavior, and use of asphalt concrete.

Title
Laboratory Testing and Data Analysis

Learning Outcome
Be able to perform selected laboratory test procedures on aggregate-based materials and be able to analyze and interpret experimental laboratory test data.

Title
Report Preparation

Learning Outcome
Be able to prepare professional technical reports documenting laboratory investigations of material properties.

CE 199R - Academic Internship

Course Information

Teaching Area (new)
CE

Course Number
199R

Teaching Area
CE

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
An APPROVED Internship Application is required before adding. Internship credits are not required in the Civil Engineering major and are reserved for International Students working domestically off campus.

CE 204 - Engineering Mechanics--Dynamics

Course Information

Teaching Area (new)
CE

Course Number
204

Teaching Area
CE

Course Title
Engineering Mechanics--Dynamics

Course Description
Concepts of dynamics applied to particles, systems of particles, rigid bodies, vibration systems, and nonrigid particles systems.

Department
Civil and Construction Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CCE 103 - Engineering Mechanics--Statics.

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 101 - Static Systems in Mechanical Engineering

CE 232 - Fluid Mechanics

Course Information

Teaching Area (new)
CE

Course Number
232

Teaching Area
CE

Course Title
Fluid Mechanics

Course Description
Fluid properties, fluid statics and dynamics, viscous flow, boundary layers, concepts of pipe and open-channel flow.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 103 - Engineering Mechanics--Statics.
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites

Learning Outcomes

Title
Experiments

Learning Outcome
Be able to setup, perform, evaluate and report on several elementary hydraulic experiments, including: static pressure force, impulse forces from a fluid jet, energy losses in pipe flow, minor energy losses in pipe systems, and flow over weirs in open channels.

Title
Calculations

Learning Outcome
Be able to perform basic calculations for static pressures and forces in fluids.

Title
Fundamental equations

Learning Outcome
Understand conservation of mass, energy, and momentum principles as applied to fluid flow situations, and be able to apply them to flow analysis problems.

Title
Drag and Lift

Learning Outcome
Understand the concepts of drag and lift and be able to apply both to solve introductory problems of forces and dynamics.

Title
Pressure Pipes

Learning Outcome
Understand alternate standard approaches and formulas, and be able to analyze and design pressure pipe systems.

Title
Water Resources Engineering

Learning Outcome
Understand standard approach and formulas, and be able to analyze and design open-channel flow systems.

Title
Pumps

Learning Outcome
Understand the basic elements of pump and turbine flow, and be able to analyze and select the pump needed for situations involving fluid pumping.

CE 271 - Civil Engineering Communication

Course Information

Teaching Area (new)
CE

Course Number
271

Teaching Area
CE

Course Title
Civil Engineering Communication

Course Description
Written and oral communication in the civil engineering discipline. Includes resumes, emails, public-facing documents, memos, literature reviews, professional letters, reports, meetings, interviews, and presentations. This course satisfies the BYU GE Advanced Written and Oral Communication requirement.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CCE 102 - Sustainable Infrastructure
  AND WRTG 150 - Writing and Rhetoric

Learning Outcomes

Title
Disciplinary Genre

Learning Outcome
Write common civil engineering genres for both technical and non-technical audiences.

Title
Research

Learning Outcome
Identify and evaluate credible sources, integrate them into engineering-specific writing, and reference them appropriately and ethically.

Title
Writing Process

Learning Outcome
Apply principles of planning, outlining, drafting, revising, editing, and proofreading to communicate effectively and clearly in both written and oral formats, and in individual and collaborative contexts.

Title
Document Organization

Learning Outcome
Select appropriate organizational structure, format, and style for texts.

Title
Disciplinary Conventions

Learning Outcome
Employ standard civil engineering writing conventions such as acronyms, jargon, etc.

Title
Writing Mechanics

Learning Outcome
Demonstrate skills in editing, syntax, grammar, punctuation, and spelling.

Title
Peer Review

Learning Outcome
Evaluate the writing of others and provide appropriate and Christlike feedback to facilitate revision.

CE 291R - Civil Engineering Seminar

Course Information

Teaching Area (new)
CE

Course Number
291R

Teaching Area
CE

Course Title
Civil Engineering Seminar

Course Description
Activities of civil engineering; principles and methods involved in solving civil engineering problems.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
College Lecture attendance required.

Learning Outcomes

Title
Professional Engineer

Learning Outcome
Continue developing an understanding of the process required to become a professional engineer

Title
Lifelong Learning

Learning Outcome
Continue developing an understanding of the importance of lifelong learning and know how to obtain learning experiences that will benefit their future careers

Title
Teams

Learning Outcome
Work in and begin learning how to lead teams in civil engineering related projects that benefit the community

Title
Ethical Behavior

Learning Outcome
Continue developing an understanding of ethical behavior in civil engineering and be able to cite examples of good ethical behavior.

Title
Career

Learning Outcome
Continue developing an understanding of contemporary issues in civil engineering as illustrated by projects presented by practicing engineers

CE 321 - Structural Analysis

Course Information

Teaching Area (new)
CE

Course Number
321

Teaching Area
CE

Course Title
Structural Analysis

Course Description
Methods of statics. Influence line diagrams. Method of virtual work. Plastic hinge analysis. Flexibility (force) method, stiffness (displacement) method, and moment distribution method for analysis of indeterminate beams, trusses, and frames. Introduction to computer structural analysis.

Department
Civil and Construction Engineering

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials
- CCE 270 - Computational Methods

Learning Outcomes

Title
Force Equilibrium

Tags
207278, 0, 1

Learning Outcome
Apply Newton's laws of force equilibrium to determine axial forces, shear forces, and bending moments of statically determinate trusses, beams, and frames.

Title
Idealization/Modeling

Tags
207494, 0, 0

Learning Outcome
Be able to identify loads, components, and connections of a structure and make assumptions about how to model them for structural analysis. Understand the repercussions of assumptions made for the Bernoulli-Euler beam theory.

Title
Principle of Virtual Work

Learning Outcome
Apply calclulus and the principle of virtual work to determine displacements in statically determinate beams, trusses, and frames.

Title
Analysis of Indeterminate Structures

Learning Outcome
Identify degrees of indeterminacy and degrees of freedom in beams, frames, and trusses. Apply the force method and the stiffness method for analysis of indeterminate structures.

Title
Computer Analysis

Learning Outcome
Apply computational techniques to evaluate structural phenomena; use both code and commercial software.

CE 331 - Hydrology

Course Information

Teaching Area (new)
CE

Course Number
331

Teaching Area
CE

Course Title
Hydrology

Course Description
Waters of the earth, their occurrence, circulation, and distribution. Relationships among precipitation, evaporation, infiltration, transpiration, groundwater, and stream runoff.

Department
Civil and Construction Engineering

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 232 - Fluid Mechanics
- CCE 270 - Computational Methods

Learning Outcomes

Title
Hydrologic Cycle

Learning Outcome
Understand and apply climatological principles relating to the hydrologic cycle and its occurrence and interaction with the biosphere of the earth.

Title
Precipitation & Runoff

Learning Outcome
Understand and solve problems for precipitation/runoff situations; including generation of the flow rates at desired points in a watershed.

Title
Design & Hydrographs

Learning Outcome
Design and make calculations of flowrate hydrographs, reservoir storage, well flow and drawdown, and water demand relationships in streams and in the groundwater.

Title
Statistical Methods

Learning Outcome
Design and apply statistical methods to generate hydrologic intensity and frequency distributions.

CE 341 - Elementary Soil Mechanics

Course Information

Teaching Area (new)
CE

Course Number
341

Teaching Area
CE

Course Title
Elementary Soil Mechanics

Course Description
Fundamental soil properties in the context of civil engineering and construction. Soil classification systems, stresses from gravitational and surface loads, shear strength, soil compaction theory, seepage of fluid through soil, bearing capacity analysis of foundations and settlement/consolidation theory.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials
- CCE 270 - Computational Methods
- CE 232 - Fluid Mechanics

Learning Outcomes

Title
Experimentation and Data Interpretation

Learning Outcome
Perform basic laboratory tests on soils including seive analysi, Atterberg limits, compaction, direct shear, triaxial shear and consolidation. Be able to perform the basic calculations associated wtih laboratory tests on soils.

Title
Communicate Geotech Test Results Effectively

Learning Outcome
Communicate results of geotechnical tests effectively and explain their meaning in a clear and concise manner.

Title
Perform Experiments and Report Results as Teams

Learning Outcome
Collaborate with team members to lead, establish experiment goals, perform experiments, and prepare the results in report format.

Title
Soil classification/Soil Mineralogy

Learning Outcome
Perform fundamental calculations and analyses including weight-volumen relationships and soil classification. Understand influence of soil structure and mineralogy on soil behavior.

Title
Fluid flow in Soil

Learning Outcome
Understand basic principles of flow through porous media including Darcy's law, the equation of continuity, seepage forces and flow nets.

Title
Stress analysis in soil

Learning Outcome
Understand how stresses are transferred through soils. Compute both geostatic stress (total stress, effective stress, and pore pressures) and induced stresses due to point, line and area loads.

Title
Consolidation theory

Learning Outcome
Understand basic consolidation theory. Compute the amoun of settlement and the time required for settlement under a given load.

Title
Shear strength of soil

Learning Outcome
Understand shear strength principles including Mohr-Coloumb failure criterion. Perform basic caluclations related to shear strength analyis.

Title
Lateral earth pressures

Learning Outcome
Analyze lateral earth pressures under at-rest, active and passive conditions.

Title
Bearing capacity

Learning Outcome
Perform bearing capacity analysis for spread footings of various shapes. Understand how bearing capacity equations are used in foundation design.

CE 351 - Introduction to Environmental Engineering

Course Information

Course Number
351

Teaching Area
CE

Course Title
Introduction to Environmental Engineering

Course Description
An introduction to the engineering of drinking water, wastewater, air pollution and solid waste treatment practices.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
- CCE 270 - Computational Methods

Learning Outcomes

Title
Mass and Energy Balances

Tags
213427, 0, 1, 2023-08-29 07:33:01

Learning Outcome
Perform mass balances and energy balances pertinent to environmental engineering, including aqueous chemical reactions.

Title
Water and Air Quality

Tags
213428, 0, 2, 2023-08-29 07:33:05

Learning Outcome
Describe water and air quality characteristics, as well as their respective standards.

Title
Process Analysis

Tags
213429, 0, 3, 2023-08-29 07:33:06

Learning Outcome
Analyze treatment processes for water, wastewater, air, and solid waste and apply common guidance to design their components.

Title
Sustainability

Tags
213430, 0, 4, 2023-08-29 07:33:07

Learning Outcome
Discuss the concept of an ecosystem and how laws, ethics, and professional responsibilities influence environmental engineering practices therein.

Title
Experiments and Data

Learning Outcome
An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions. (CE Program Outcome 6)

Title
Problem Solving applying Math and Science

Learning Outcome
An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (CE Program Outcome 1)

CE 361 - Transportation Engineering

Course Information

Teaching Area (new)
CE

Course Number
361

Teaching Area
CE

Course Title
Transportation Engineering

Course Description
Introductory topics in transportation systems engineering, planning, and design including traffic engineering and operations, highway engineering, pavement design and management, and multimodal transportation systems.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis **AND** CCE 270 - Computational Methods

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists **AND** CCE 270 - Computational Methods

Learning Outcomes

Title
Engineering problem solving

Tags
213431, 0, 1, 2023-08-29 07:33:08

Learning Outcome
Identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics. (ABET / Program outcome 1)

Title
Transportation systems

Tags
213432, 0, 2, 2023-08-29 07:33:13

Learning Outcome
Analyze transportation challenges in a social, political, technological, and historical context and identify potential solutions using sustainable and multimodal approaches.

Title
Traffic engineering

Tags
213433, 0, 3, 2023-08-29 07:33:14

Learning Outcome
Evaluate intersection and highway levels of service, operations, and capacity using principles in the Highway Capacity Manual.

Title
Highway engineering

Tags
213434, 0, 4, 2023-08-29 07:33:16

Learning Outcome
Specify roadway controls and design highway curves using national design guides.

Title
Pavement engineering

Tags
213435, 0, 5, 2023-08-29 07:33:17

Learning Outcome
Design pavements using the AASHTO Pavement Design Guide and manage pavement networks using principles of pavement preservation and life cycle cost analysis.

CE 414 - Engineering Applications of GIS

Course Information

Teaching Area (new)
CE

Course Number
414

Teaching Area
CE

Course Title
Engineering Applications of GIS

Course Description
Introduction to GIS concepts. Data acquisition and GIS database formulation. Applications of GIS to civil engineering.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
1. Synthesis and Integration

Learning Outcome
Integrate topics from various civil engineering disciplines to solve realistic problems

Title
2. Database Management

Learning Outcome
Obtain and evaluate appropriate input information from databases, handbooks, correlation, experiments and literature

Title
3. Locating Geographic Data

Learning Outcome
Know where to locate, and how to prepare geographic datasets for use in a GIS

Title
4. GIS Spatial Analysis

Learning Outcome
Use GIS tools and scripts for spatial analysis, understanding and design of engineering systems

Title
5. Map Generation

Learning Outcome
Produce professional maps and technical reports from geographic data for use in written and oral presentations

Title
6. GIS Customization

Learning Outcome
Customize, or use customized scripts to solve engineering-specific problems with GIS

Title
7. Professional Communication

Learning Outcome
Compose professional documents in a clear, concise, and effective manner

CE 421 - Structural Steel Design

Course Information

Teaching Area (new)
CE

Course Number
421

Teaching Area
CE

Course Title
Structural Steel Design

Course Description
Design of steel tension members, compression members, beams, beam-columns; elastic and inelastic lateral-torsional buckling; welds and structural fasteners.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  AND CE 321 - Structural Analysis

Learning Outcomes

Title
1. AISC Specification

Learning Outcome
Students will understand the theory behind, and have a working familiarity of, the AISC specification.

Title
2. Tension Members

Learning Outcome
Students will be able to design steel tension members.

Title
8. Design and Contemporary Issues

Learning Outcome
An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare as well as global, cultural, social, environmental, and economic factors.

Title
3. Compression Members

Learning Outcome
Students will be able to design steel compression members.

Title
4. Beams

Learning Outcome
Students will be able to design in tension and compression steel beams and composite beams.

Title
5. Beam-Columns

Learning Outcome
Students will be able to design steel beam-columns.

Title
6. Connections

Learning Outcome
Students will be able to design concentrically loaded bolted and welded connections.

Title
7. AISC Code

Learning Outcome
Students will have a working familiarity with the AISC Code.

CE 424 - Reinforced Concrete Design

Course Information

Teaching Area (new)
CE

Course Number
424

Teaching Area
CE

Course Title
Reinforced Concrete Design

Course Description
Theory and design of reinforced concrete, including columns, beams, slabs, and footings; elastic and ultimate-strength methods of analysis.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt
  AND CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  AND CE 321 - Structural Analysis

CE 427 - International Megastructures

Course Information

Teaching Area (new)
CE

Course Number
427

Teaching Area
CE

Course Title
International Megastructures

Course Description
Skyscraper analysis and design. Introduction to analysis and design of suspension, cable-stayed, arch, and prestressed girder bridges. Economic, social, and environmental design criteria for megastructures. International experience to study megastructures in China or elsewhere. Interaction with professionals.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CE 321 - Structural Analysis

Other Prerequisites
instructor's consent.

CE 433 - Hydraulic Engineering

Course Information

Teaching Area (new)
CE

Course Number
433

Teaching Area
CE

Course Title
Hydraulic Engineering

Course Description
Application of fluid mechanics principles to analysis and design of hydraulic structures and systems.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CE 232 - Fluid Mechanics

Learning Outcomes

Title
Energy & Momentum

Learning Outcome
Apply energy and momentum principles to fluid flow situations, and be able to solve problems for forces in static and moving fluids.

Title
Pipe and Open Channel Systems

Learning Outcome
Apply standard energy approaches and formulas, and be able to solve for and design pressure pipe and open channel systems.

Title
Pumps and Turbines

Learning Outcome
Understand the basic elements of pump and turbine flow, and be able to analyze and select the pump needed for pressurizing situations.

Title
Design and evaluate common facilities

Learning Outcome
Generate and apply the analytical and design approaches to common water facilities such as culverts, spillways, pipe networks, sewer systems, canals, and scour and sediment transport.

CE 439 - Water Resources Study Abroad

Course Information

Teaching Area (new)
CE

Course Number
439

Teaching Area
CE

Course Title
Water Resources Study Abroad

Course Description
BYU students team with engineers and engineering students from other countries to work on water resources projects of consequence. Collaboration with international teams occurs electronically through the semester with a 1-3 week visit to the country assigned.

Department
Civil and Construction Engineering

When Taught
Winter odd years, Spring even years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Enrollment by Instructor Approval

Recommended
CE 431 or 433; CE 471 (Fall semester)

CE 442 - Foundation Engineering

Course Information

Teaching Area (new)
CE

Course Number
442

Teaching Area
CE

Course Title
Foundation Engineering

Course Description
Soil investigation, bearing capacity and settlement, design of spread footings, combined footings, mat foundations, pile foundations, and drilled shafts.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or equivalent.

CE 451 - Environmental Engineering Processes

Course Information

Teaching Area (new)
CE

Course Number
451

Teaching Area
CE

Course Title
Environmental Engineering Processes

Course Description
An introduction to the evaluation and design of drinking water, wastewater, air pollution and hazardous waste treatment practices.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Chem 105.

CE 453 - Water and Wastewater Treatment Design

Course Information

Teaching Area (new)
CE

Course Number
453

Teaching Area
CE

Course Title
Water and Wastewater Treatment Design

Course Description
Analysis, selection, and design of drinking water and wastewater treatment facilities.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 351 - Introduction to Environmental Engineering

Learning Outcomes

Title
Principles

Learning Outcome
Set up and solve chemical, biological, hydraulic, and thermodynamic equations or models necessary to design water and wastewater treatment processes.

Title
Regulations

Learning Outcome
Cite major water quality regulations and technical references.

Title
Experiments

Learning Outcome
Perform, document, and interpret basic experiments necessary to design treatment processes.

Title
Alternatives

Learning Outcome
Select treatment alternatives according to given water quality and project constraints.

Title
Design

Learning Outcome
Design treatment components and processes using standard guidance.

CE 461 - Geometric Design of Highways

Course Information

Teaching Area (new)
CE

Course Number
461

Teaching Area
CE

Course Title
Geometric Design of Highways

Course Description
Designing visual aspects of highways: highway classification, design controls and criteria, design elements, vertical and horizontal alignment, cross section, intersections, interchanges, capacity analysis.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 361 - Transportation Engineering

CE 467 - International Megacities

Course Information

Teaching Area (new)
CE

Course Number
467

Teaching Area
CE

Course Title
International Megacities

Course Description
Transportation planning and analysis of public transportation, airports, high-speed rail, pedestrians, water transportation, freight, and highway systems of international megacities achieved through international experience, research, professional interactions, and an evaluation of safety, policy, and sustainability.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 361 - Transportation Engineering

Other Prerequisites
and instructor's consent.

CE 472 - Civil Engineering Design

Course Information

Teaching Area (new)
CE

Course Number
472

Teaching Area
CE

Course Title
Civil Engineering Design

Course Description
Culminating civil engineering design experience emphasizing knowledge and skills acquired in earlier course work. Apply engineering standards, consider realistic constraints, and prepare professional documents.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Earn at least 12 credits from the following:

- CE 321 - Structural Analysis
  OR CE 331 - Hydrology
  OR CE 341 - Elementary Soil Mechanics
  OR CE 351 - Introduction to Environmental Engineering
  OR CE 361 - Transportation Engineering
  OR CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  OR CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

Complete at least 1 of the following courses:

- CE 424 - Reinforced Concrete Design
  OR CE 421 - Structural Steel Design
  OR CE 433 - Hydraulic Engineering
  OR CE 442 - Foundation Engineering
  OR CE 453 - Water and Wastewater Treatment Design
  OR CE 461 - Geometric Design of Highways

Note
Must be taken during the final semester in the program (fall or winter). If graduating in spring or summer term, CE 472 should be taken in the winter semester prior to graduation.

Learning Outcomes

Title
Civil Engineering Design

Learning Outcome
Formulate solutions and designs for complex civil engineering problems.

Title
Consider Constraints

Learning Outcome
Integrate topics from multiple civil engineering disciplines while considering realistic constraints.

Title
Team Work

Learning Outcome
Work effectively in a team environment including planning, meeting, managing, designing, writing, and presenting.

Title
Communication

Learning Outcome
Communicate effectively through professional documents and presentations.

Title
Ethics

Learning Outcome
Prepare for ethical and successful professional employment.

CE 494R - Special Topics in Civil Engineering

Course Information

Course Number
494R

Teaching Area
CE

Course Title
Special Topics in Civil Engineering

Course Description
Directed studies in Civil and Construction Engineering related to professional practice.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Special Topics

Learning Outcome
Students in the course will learn topics outside the standard curriculum that allows the student to broaden their education as it relates to Civil Engineering.

CE 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
CE

Course Number
495R

Teaching Area
CE

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

CE 498R - Directed Studies in Civil Engineering

Course Information

Teaching Area (new)
CE

Course Number
498R

Teaching Area
CE

Course Title
Directed Studies in Civil Engineering

Course Description
Directed studies in Civil Engineering related to professional practice.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
18

Other Prerequisites
Instructor's consent

CE 499R - Senior Project

Course Information

Course Number
499R

Teaching Area
CE

Course Title
Senior Project

Course Description
Advanced research and writing on an approved senior thesis topic.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Guided Research

Learning Outcome
Apply skills of inquiry and analysis to conduct guided, original research and engineering design on a specific topic or question.

Title
Writing and Communication

Learning Outcome
Write a publishable manuscript in the student's chosen discipline and present the research and design to an oversight committee.

CE 500 - (CE - Me En) Design and Materials Applications

Course Information

Teaching Area (new)
CE

Course Number
500

Teaching Area
CE

Course Title
(CE - Me En) Design and Materials Applications

Course Description
Applied and residual stress; materials selection; static, impact, and fatigue strength; fatigue damage; surface treatments; elastic deflection and stability--all as applied to mechanical design.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

Other Prerequisites

or equivalent.

CE 501 - (CE - MeEn) Stress Analysis and Design of Mechanical Structures

Course Information

Teaching Area (new)

CE

Course Number

501

Teaching Area

CE

Course Title

(CE - MeEn) Stress Analysis and Design of Mechanical Structures

Course Description

Stress analysis and deflection of structures; general bending and torsion with computer applications to mechanical and aerospace structure design.

Department

Civil and Construction Engineering

When Taught

Contact Department

Credit Hours

Min:

3

Fixed/Max:

3

Lecture Hours

Fixed:

3

Lab Hours

Fixed:

0

Simple Requisites

Prerequisites

Type

Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

Other Prerequisites

or equivalent.

CE 504 - Nonlinear Structural Analysis

Course Information

Teaching Area (new)

CE

Course Number

504

Teaching Area

CE

Course Title

Nonlinear Structural Analysis

Course Description

Methods of geometric and material nonlinear analysis, emphasizing modeling approaches for skeletal structures. Small versus large strains, and small versus large displacements. Geometric imperfections. Concentrated and distributed plasticity models. Nonlinear static and dynamic analyses. Applications to performance-based design of buildings.

Department

Civil and Construction Engineering

When Taught

Contact Department

Credit Hours

Min:

3

Fixed/Max:

3

Lecture Hours

Fixed:

3

Lab Hours

Fixed:

0

Simple Requisites

Prerequisites

Type

Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

Other Prerequisites
or equivalent; linear algebra.

Learning Outcomes

Title
Structures

Learning Outcome
Students will be able to analyze one-dimensional structures (e.g. rods, beams), two-dimensional structures (e.g. grids, membranes, plates, planar trusses and frames), and three-dimensional structures (e.g. space trusses and frames).

Title
Geometric nonlinearity

Learning Outcome
Students will be able to capture small and large displacements, account for flexural and shear deformations, second-order effects, and geometric imperfections.

Title
Material nonlinearity

Learning Outcome
Students will be able to simulate small and large strain response of materials (e.g. steel, concrete), the nonlinear response of connections (e.g. panel zones, dowel-type connections), and know how to use concentrated (phenomenological) and distributed (fiber) plasticity models.

Title
Applications

Learning Outcome
Students will be able to run nonlinear static (pushover) analyses and nonlinear dynamic (response history) analyses of lateral force resisting systems in buildings.

CE 505 - Portland Cement Concrete Mixture Design and Analysis

Course Information

Teaching Area (new)
CE

Course Number
505

Teaching Area
CE

Course Title
Portland Cement Concrete Mixture Design and Analysis

Course Description
Properties and testing of freshly mixed and hardened concrete and constituent materials; concrete mixture design and analysis; concrete construction practices; laboratory experimentation.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

Other Prerequisites
or equivalent.

CE 507 - (CE - Me En) Linear Finite Element Methods

Course Information

Teaching Area (new)
CE

Course Number
507

Teaching Area
CE

Course Title
(CE - Me En) Linear Finite Element Methods

Course Description
Linear static finite element analysis of elastic solids; problem formulation, finite element discretization, and equation solving; stability, interpolation theory, and error estimates. Introduction to underlying continuum mechanics principles. Isogeometric analysis as a generalization of classical finite element analysis; basic principles of analysis-suitable computational geometry. Introduction to the industrial practice of finite element modeling leveraging commercial packages. Topics include CAD preprocessing, an overview of the mesh generation process and simulation model setup, and how to effectively use appropriate solution strategies for a given problem. Application domains include strength and durability, vibrations, transient structural dynamics, and multi-physics problems.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

CE 508 - (CE - Me En) Structural Vibrations

Course Information

Teaching Area (new)
CE

Course Number
508

Teaching Area
CE

Course Title
(CE - Me En) Structural Vibrations

Course Description
Dynamic analysis of single degree-of-freedom, discrete multi-degree-of-freedom, and continuous systems. Applications include aerospace, civil structures, and mechanical components.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

Other Prerequisites
or equivalent.

CE 514 - Geospatial Environmental Engineering

Course Information

Teaching Area (new)
CE

Course Number
514

Teaching Area
CE

Course Title
Geospatial Environmental Engineering

Course Description
Modern software development techniques for civil and environmental engineering. Topics include: design and development of component-based software for desktop and web-based applications; data structures and algorithms for modeling, analysis, and visualization; basic problem-solving techniques; web services; and the management and maintenance of software using code versioning systems. Application areas are focused on civil and environmental engineering problems.

Department
Civil and Construction Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CCE 270 - Computational Methods
  AND CE 414 - Engineering Applications of GIS

CE 520 - Structural Design Loads

Course Information

Course Number
520

Teaching Area
CE

Course Title
Structural Design Loads

Course Description
Study of structural design loads for buildings, including dead, live, snow, wind, tornado, and seismic design loads. Risk analysis. Application of design loads to buildings and other structures.

Department
Civil and Construction Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- CE 321 - Structural Analysis

Learning Outcomes

Title
Risk analysis

Learning Outcome
Students will be able to calculate structural reliability using a probabilistic risk analysis.

Title
Design dead and live loads

Learning Outcome
Students will be able to calculate design dead loads and live loads. Students will be able to apply live load reduction.

Title
Snow loads

Learning Outcome
Students will be able to determine the ground snow load. Students will be able to calculate the flat roof snow load and account for drifting and aerodynamic shade.

Title
Wind and tornado loads

Learning Outcome
Students will know the difference between straight-line wind and tornadic wind. Students will be able to determine basic wind speed and calculate the design pressures for both the main wind force resisting system and components and cladding loads. They will understand the basis for and be able to determine tornado loads.

Title
Seismic loads

Learning Outcome
Students will be able to determine mapped spectral accelerations used in design. Students will be able to determine the response modification factor, deflection amplification factor, and system overstrength factor. Students will be able to calculate seismic base shear, seismic story forces, and diaphragm design forces.

CE 521 - Seismic Design of Steel Buildings

Course Information

Teaching Area (new)
CE

Course Number
521

Teaching Area
CE

Course Title
Seismic Design of Steel Buildings

Course Description
Background and development of AISC specification, AISC seismic provisions, and relevant provisions in ASCE 7: design of steel braced frames and steel moment resisting frames; design of diaphragms and collectors; design of steel buildings.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CE 421 - Structural Steel Design

Other Prerequisites
or equivalent.

CE 524 - Prestressed Concrete Design

Course Information

Course Number
524

Teaching Area
CE

Course Title
Prestressed Concrete Design

Course Description
This course provides students with a basic understanding of the analysis and design of prestressed concrete members. Emphasis will be given to flexure and shear design of prestressed beams. Prestress losses, initial and long-term deflection, partial prestressing, transfer and development length, and statically indeterminate structures will be also covered.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CE 424 - Reinforced Concrete Design

Learning Outcomes

Title
Materials

Learning Outcome
Students will understand structural concrete theory.

Title
Flexure

Learning Outcome
a. Students will be able to design prestressed concrete beams in flexure.

Title
Shear

Learning Outcome
a. Students will be able to design prestressed concrete beams in shear.

Title
Prestress Losses

Learning Outcome
a. Students will be able to estimate prestress losses and understand their effects.

Title
End Zone Reinforcement

Learning Outcome
a. Students will be able to design end zone reinforcement and correctly predict transfer of stresses between strand and concrete.

CE 525 - Bridge Structures

Course Information

Teaching Area (new)
CE

Course Number
525

Teaching Area
CE

Course Title
Bridge Structures

Course Description
Design of composite, continuous beam, and girder bridges, including piers, abutments, floor systems, and bearings; field trips to observe bridge construction and fabrication.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 421 - Structural Steel Design
  AND CE 424 - Reinforced Concrete Design

Other Prerequisites
or equivalent.

CE 526 - Bridge Preservation

Course Information

Teaching Area (new)
CE

Course Number
526

Teaching Area
CE

Course Title
Bridge Preservation

Course Description
Classifications of bridge components and elements; bridge mechanics; selection, scheduling, and application of bridge preservation treatments.

Department
Civil and Construction Engineering

When Taught
Winter Term 2 Odd Yrs..

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

CE 528 - Masonry Design

Course Information

Teaching Area (new)
CE

Course Number
528

Teaching Area
CE

Course Title
Masonry Design

Course Description
Introduction to analysis, design, and construction of masonry structures. Compressive, tensile, flexural, and shear behavior of masonry structural components.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 424 - Reinforced Concrete Design

Other Prerequisites
or equivalent.

CE 529 - Structural Wood Design

Course Information

Teaching Area (new)
CE

Course Number
529

Teaching Area
CE

Course Title
Structural Wood Design

Course Description
Wood species, composition, and grades; design of beams, columns, shear walls, diphragms, connections, and structural systems.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  AND CE 321 - Structural Analysis
  AND CE 421 - Structural Steel Design

Other Prerequisites
or equivalents.

CE 531 - Principles of Hydrologic Modeling

Course Information

Teaching Area (new)
CE

Course Number
531

Teaching Area
CE

Course Title
Principles of Hydrologic Modeling

Course Description
Advanced hydrologic and hydraulic principles with an emphasis on modeling for the purpose of planning and designing draining, flood control, and other water resource facilities.

Department
Civil and Construction Engineering

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 331 - Hydrology

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Applied Hydrology

Learning Outcome
Apply fundamental principles of hydrology in hydrologic and hydraulic models.

Title
Model Formulation

Learning Outcome
Know how to apply different hydrologic modeling formulation to solve design and analysis problems.

Title
Data Resources

Learning Outcome
Know where to find digital and other data resources required for hydrologic model development.

Title
Modeling Limitations

Learning Outcome
Understand the limitations and uses of traditional lumped parameter models as well as more advanced physics based models.

Title
Communicating Model Results

Learning Outcome
Interpret and describe hydrologic modeling results in written reports.

Title
Teamwork

Learning Outcome
Work together with teammates to develop hydrologic models.

Title
Modern Hydrologic Modeling Tools

CE532 - Urban Water Infrastructure

Course Information

Course Number
532

Teaching Area
CE

Course Title
Urban Water Infrastructure

Course Description
Purposes and features of municipal drinking water, wastewater, irrigation, and storm water systems. Analysis of their capacity and demand. Overview of their planning, design, construction, and operation.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

No selection provided

Learning Outcomes

Title
Purposes and Features

Learning Outcome
Describe the purposes and features of municipal drinking water, wastewater, stormwater, and irrigation systems.

Title
Capacity and Demand

Learning Outcome
Analyze the capacity and demand of these systems relative to a defined level of service.

Title
Alternatives

Learning Outcome
Evaluate and recommend capital, operational, and policy alternatives to resolve performance deficiencies.

Title
Participants

Learning Outcome
Describe the roles of participants from the private, public, and academic sectors in supporting water infrastructure.

CE 533 - Advanced Hydraulic Routing

Course Information

Teaching Area (new)
CE

Course Number
533

Teaching Area
CE

Course Title
Advanced Hydraulic Routing

Course Description
Study of the equations of motion governing unsteady, two-dimensional water flow in open channels; computer solutions of the equations.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 433 - Hydraulic Engineering

CE 534 - Hydroinformatics

Course Information

Teaching Area (new)
CE

Course Number
534

Teaching Area
CE

Course Title
Hydroinformatics

Course Description
Principles of hardware and software systems for water and climate data collection, storage, sharing, interpretation, analysis, and modeling.

Department
Civil and Construction Engineering

When Taught
Fall Even Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 414 - Engineering Applications of GIS
  AND CE 331 - Hydrology

Learning Outcomes

Title
Data Life Cycle

Learning Outcome
Be able to describe the data life cycle.

Title
Dimensionality of a dataset

Learning Outcome
Be able to determine the dimensionality of a dataset, including the scale triplet of support, spacing extent for both space and time.

Title
Data Sharing

Learning Outcome
Be able to generate metadata and describe datasets to support data sharing.

Title
Data Discovery

Learning Outcome
Know how to discover and access data from major data sources.

Title
Common Data Models

Learning Outcome
Know how to store, retrieve, and use data from common data models used in Hydrology.

Title
Develop Data Models

Learning Outcome
Be able to develop data models to represent, organize, and store data.

Title
Relational Databases

Learning Outcome
Design and use relational databases to organize, store, and manipulate data.

Title
Software Systems

Learning Outcome
Know how to query, aggregate, and pivot data using Structured Query Language (SQL), Excel, R, and other software systems.

Title
Reproducible Data Visualizations

Learning Outcome
Know how to create reproducible data visualizations

Title
Computer Code

Learning Outcome
Be able to write and execute computer code to automate difficult and repetitive data related tasks.

Title
Manipulate and Transform Data

Learning Outcome
Know how to manipulate data and transform it across file systems, flat files, databases, programming languages, etc.

Title
Web Services Data

Learning Outcome
Know how to retrieve and use data from web services.

Title
Hydrology and Engineering Data

Learning Outcome
Be able to organize data in a variety of platforms and systems common in hydrology and engineering

Title
Water Quality Modeling

Learning Outcome
Prepare data to support hydrologic, water resources, and/or water quality modeling.

CE 535 - Hydraulic Design of Channels and Control Structures

Course Information

Teaching Area (new)
CE

Course Number
535

Teaching Area
CE

Course Title
Hydraulic Design of Channels and Control Structures

Course Description
Design of water conveyance channels and control structures, including siphons, chutes, weirs, flumes, dams, spillways, and outlet works.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 433 - Hydraulic Engineering

Other Prerequisites
or equivalent.

CE 536 - Water Policy

Course Information

Course Number
536

Teaching Area
CE

Course Title
Water Policy

Course Description
Survey of policy theory, design, and tools; introduction to major statutes on water quantity, quality, and management, with civil engineering applications.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Theory

Learning Outcome
Apply policy theories, including stages model and multiple streams, to water policy analysis. Recognize working assumptions for the five categories of policy tools.

Title
Water rights

Learning Outcome
Differentiate riparian and prior appropriation rights. Define the parameters that constitute a water right. Explain water marketing options.

Title
Water quality

Learning Outcome
Summarize the history and purposes of the U.S. Clean Water Act, determine what waters are under its authority, and explain how it is administered today.

Title
Drinking water

Learning Outcome
Summarize the history and purposes of the U.S. Safe Drinking Water Act, determine what systems are under its authority, and explain how it is administered today.

Title
Water rates

Learning Outcome
Compute water bills with multiple rate structures. Analyze effectiveness of conservation rates based on customer equity, revenue maintenance, and water savings.

CE 540 - Geo-Environmental Engineering

Course Information

Teaching Area (new)
CE

Course Number
540

Teaching Area
CE

Course Title
Geo-Environmental Engineering

Course Description
Hazardous waste statutes and regulations; introduction to hazardous waste treatment, storage, disposal, and monitoring techniques. Geotechnical aspects of environmental engineering. Topics include municipal and hazardous solid waste landfill design and characterization and remediation techniques for contaminated soil and groundwater.

Department
Civil and Construction Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 341 - Elementary Soil Mechanics

Other Prerequisites
or equivalents

Learning Outcomes

Title
Design

Learning Outcome
Be able to produce a preliminary design of a landfill. This inlcudes understanding regulations, chemical fate and transport, geotechnical design methods, and project planning issues.

Title
Communication

Learning Outcome
Be able to communicate the design and design decisions to a non-specialist but technical audiance. This will include communicating the reasons for basic assumptions and why they were made.

CE 542 - Deep Foundations and Retaining Systems

Course Information

Teaching Area (new)
CE

Course Number
542

Teaching Area
CE

Course Title
Deep Foundations and Retaining Systems

Course Description
Lateral pressures and earth retaining systems, axial and lateral capacities of piles and drilled shafts, foundations subjected to vibratory loadings, foundations on collapsible and expansive soils, soil improvement techniques.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 341 - Elementary Soil Mechanics

CE 543 - Chemical Stabilization of Soils

Course Information

Teaching Area (new)
CE

Course Number
543

Teaching Area
CE

Course Title
Chemical Stabilization of Soils

Course Description
Stabilizer types, soil-stabilizer reaction chemistry, stabilizer concentration determination, construction considerations, performance of stabilized soils, laboratory experimentation.

Department
Civil and Construction Engineering

When Taught
Winter Term 1 Odd Yrs..

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

CE 544 - Seepage and Slope Stability Analysis

Course Information

Teaching Area (new)
CE

Course Number
544

Teaching Area
CE

Course Title
Seepage and Slope Stability Analysis

Course Description
Seepage and slope stability analysis of earth dams, levees, excavations, embankments, and natural slopes; construction dewatering, numerical methods, shear strength of soils, limit equilibrium method.

Department
Civil and Construction Engineering

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 341 - Elementary Soil Mechanics

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Darcy's Law

Learning Outcome
Be able to apply Darcy's law to solve basic problems related to flow through porous media.

Title
Groundwater Flow

Learning Outcome
Understand the governing equations for 2D and 3D groundwater flow, including what simplifying assumptions are used in the derivation of the equations.

Title
Flow Nets

Learning Outcome
Be able to create and interpret graphical solutions (flow nets) to the governing equations.

Title
Well Equations

Learning Outcome
Be able to apply analytical solutions to the governing equations, including well equations.

Title
Construction Dewatering

Learning Outcome
Be able to apply analytical solutions to construction dewatering problems.

Title
Finite Difference Analysis

Learning Outcome
Understand the finite difference solution and be able to create finite difference solutions in Excel.

Title
Finite Element Equations

Learning Outcome
Understand how the finite element method works and how the finite element equations are formulated.

Title
Software Application

Learning Outcome
Be able to apply finite element software to solve complex seepage analysis problems.

Title
Limit Equilibrium Method

Learning Outcome
Understand the basic concepts of the limit equilibrium method of slope stability.

Title
Slope Stability Application

Learning Outcome
Be able to apply slope stability charts for simple problems.

Title
Slope Stability Software Application

Learning Outcome
Be able to apply slope stability software (such as UTEXAS) for common slope stablility problems.

Title
Special Case Analysis

Learning Outcome
Be able to solve special cases of slope stability including, reinforced slopes, rapid drawdown, and seismic conditions.

CE 545 - Geotechnical Analysis of Earthquake Phenomena

Course Information

Teaching Area (new)
CE

Course Number
545

Teaching Area
CE

Course Title
Geotechnical Analysis of Earthquake Phenomena

Course Description
Earthquake magnitude and intensity; design ground motions, elementary dynamics of structures; response spectra; building code provisions; liquefaction and ground failure.

Department
Civil and Construction Engineering

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 341 - Elementary Soil Mechanics

Other Prerequisites
or equivalents.

Learning Outcomes

Title
Understand Earthquakes

Learning Outcome
Understand the origin of earthquakes and the nature of seismic waves; characterize faults and seismic sources; quantify the "size" of an earthquake in terms of magnitude and intensity; quantify earthquake ground motions in terms of engineering parameters.

Title
Attenuation Relationships

Learning Outcome
Use attenuation relationships to predict ground motions; perform deterministic and probabilistic seismic hazard analyses

Title
Dynamic Response SDOF Structures

Learning Outcome
Determine the dynamic response of single-degree-of-freedom structures subject to base shaking; understand, develop and apply response spectra

Title
Site Response Analysis

Learning Outcome
Perform site response analyses; understand the effect of different soil types on ground response and damping

Title
Seismic Codes

Learning Outcome
Understand the philosophy and general seismic design provisions found in design codes developed/distributed as part of the National Earthquake Hazard Reduction Program (NEHRP) and the International Building Code (IBC)

Title
Liquefaction and Ground Failure

Learning Outcome
Understand the mechanism associated with liquefaction and ground failure; perform liquefaction triggering, lateral spread, and settlement analyses.

Title
Seismic Slope Stability

Learning Outcome
Evaluate seismic slope stability and deformation; estimate seismic earth pressures

CE 547 - Groundwater Modeling

Course Information

Teaching Area (new)
CE

Course Number
547

Teaching Area
CE

Course Title
Groundwater Modeling

Course Description
Computer simulation of groundwater flow systems; modeling theory, numerical methods, data management, boundary conditions, calibration, and stochastic analysis.

Department
Civil and Construction Engineering

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 341 - Elementary Soil Mechanics

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Darcy's Law

Learning Outcome
Be able to apply Darcy's law to solve basic problems related to flow through porous media.

Title
Groundwater Flow Equations

Learning Outcome
Understand the governing equations for 2D and 3D groundwater flow, including what simplifying assumptions are used in the derivation of the equations.

Title
Conceptual Modeling

Learning Outcome
Be able to develop conceptual models of groundwater flow systems, including properly formulated boundary conditions.

Title
MODFLOW Background

Learning Outcome
Understand the basic structure and organization of the MODFLOW model.

Title
MODFLOW Input

Learning Outcome
Be able to select the appropriate MODFLOW packages for a particular problem and develop the package input.

Title
MODFLOW Problem Solving

Learning Outcome
Understand issues related to MODFLOW solvers and be able to solve common instability issues.

Title
MODFLOW GIS Application

Learning Outcome
Be able to apply GIS data to develop regional groundwater simulations with MODFLOW.

Title
Model Calibration

Learning Outcome
Be able to calibrate groundwater models using both manual approaches and automated tools such as the PEST code.

Title
Flow Direction Analysis

Learning Outcome
Be able to analyze flow directions using particle tracking.

Title
Stochastic Simulation

Learning Outcome
Be able to perform stochastic simulations and analyze uncertainty.

Title
Transient Simulation

Learning Outcome
Be able to perform transient simulations.

Title
Groundwater in ArcGIS

Learning Outcome
Be able to do basic groundwater analysis tasks in ArcGIS.

CE 553 - Mechanical Behavior of Materials

Course Information

Teaching Area (new)
CE

Course Number
553

Teaching Area
CE

Course Title
Mechanical Behavior of Materials

Course Description
Engineering methods for modeling deformation, fracture and fatigue of materials, including metals, polymers, composites and ceramics. Deformation modes include elastic, plastic, viscoelastic and creep.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** ME EN 250 - Science of Engineering Materials

CE 555 - Environmental Chemistry

Course Information

Teaching Area (new)
CE

Course Number
555

Teaching Area
CE

Course Title
Environmental Chemistry

Course Description
Chemical theory and calculation supporting analysis of major organic and inorganic constituents in environmental engineering, focusing on theoretical understanding of the chemical processes.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

CE 560 - Climate and Air Quality Impacts of Transportation

Course Information

Course Number
560

Teaching Area
CE

Course Title
Climate and Air Quality Impacts of Transportation

Course Description
Evaluate climate and air quality impacts of transportation systems through data collection, data analysis and model application.

Department
Civil and Construction Engineering

When Taught
Fall Even Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 351 - Introduction to Environmental Engineering
  AND CE 361 - Transportation Engineering

Learning Outcomes

Title
Climate change and air pollution science

Learning Outcome
Understand transportation's contribution to climate change and urban air pollution.

Title
System tools

Learning Outcome
Use system tools to estimate climate and air quality impacts of transportation.

Title
Vehicle energy demand

Learning Outcome
Calculate energy demand from vehicles using the road-load equation.

Title
Vehicle emission control

Learning Outcome
Understand formation of vehicle emissions and emission control technologies.

Title
Vehicle emission models

Learning Outcome
Estimate vehicle emissions using EPA's MOVES model.

Title
Emissions data

Learning Outcome
Understand and analyze real-world vehicle emissions data.

Title
Life-cycle analysis

Learning Outcome
Conduct a life-cycle emissions analysis.

Title
Policies and regulations

Learning Outcome
Understand climate, air quality and transportation policies and regulations in the United States.

Title
Research

Learning Outcome
Conduct a research project that addresses a question regarding transportation's impact on air quality and/or climate change.

CE 562 - Traffic Engineering: Characteristics and Operations

Course Information

Teaching Area (new)
CE

Course Number
562

Teaching Area
CE

Course Title
Traffic Engineering: Characteristics and Operations

Course Description
Traffic stream characteristics, traffic flow theory, traffic control devices, capacity and level of service, warrants, signal timing and optimization, signal coordination.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 361 - Transportation Engineering

Other Prerequisites
or equivalent.

CE 563 - Pavement Design

Course Information

Teaching Area (new)
CE

Course Number
563

Teaching Area
CE

Course Title
Pavement Design

Course Description
Design, construction, evaluation, maintenance, and rehabilitation of flexible and rigid pavements; influence of traffic and environmental factors; mechanistic analysis of pavement structures using computer software.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt
  AND
  AND CE 361 - Transportation Engineering

CE 565 - Transportation Planning & Analysis

Course Information

Teaching Area (new)
CE

Course Number
565

Teaching Area
CE

Course Title
Transportation Planning & Analysis

Course Description
Construct computational models that represent travel as the outcome of human social and economic behavior. Apply these models to urban transportation systems in a planning and policy context.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CE 361 - Transportation Engineering

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Analysis software

Learning Outcome
Analyze and interpret travel behavior data using summary statistics, graphics, and statistical models constructed in open-source, script-based software.

Title
Travel demand models

Learning Outcome
Develop and calibrate the functional steps of a trip-based travel demand model including inputs, common mathematical forms, and outputs.

Title
Planning analysis

Learning Outcome
Apply travel demand models to evaluate transportation plans and policies. Calculate benefits to individuals and households in terms of access to opportunity, choice utility, and travel time savings.

Title
Planning discussions

Learning Outcome
Discuss relevant transportation planning concepts in the context of legal, institutional, and funding frameworks.

CE 566 - Pavement Management

Course Information

Teaching Area (new)
CE

Course Number
566

Teaching Area
CE

Course Title
Pavement Management

Course Description
Process of planning infrastructure repairs, institutional issues, network and project levels of infrastructure management, pavement performance, deterioration modeling, benefits of treatments, life-cycle cost analyses.

Department
Civil and Construction Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

CE 568 - Asphalt Mixture Design and Analysis

Course Information

Teaching Area (new)
CE

Course Number
568

Teaching Area
CE

Course Title
Asphalt Mixture Design and Analysis

Course Description
Properties and testing of asphalt mixtures and constituent materials; asphalt mixture design and analysis; asphalt construction practices; laboratory experimentation

Department
Civil and Construction Engineering

When Taught
Fall Term 1 Even Yrs..

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

CE 570 - (CE - Me En) Computer-Aided Engineering Software Development

Course Information

Teaching Area (new)
CE

Course Number
570

Teaching Area
CE

Course Title
(CE - Me En) Computer-Aided Engineering Software Development

Course Description
Programming methods for the development of engineering software. Data structures, architecture, libraries, and graphical user interfaces, with applications to CAD systems.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Me En 373 or C programming

CE 572R - R Data Science for Engineers

Course Information

Course Number
572R

Teaching Area
CE

Course Title
R Data Science for Engineers

Course Description
Visualize and analyze data in R using reproducible and collaborative methods.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- CCE 270 - Computational Methods
  AND STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisite

Complete ALL of the following Courses:

- CCE 270 - Computational Methods
  AND STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites
Recommended concurrent enrollment: STAT 511

Learning Outcomes

Title
R programming language

Learning Outcome
Read, manipulate, plot, summarize, and analyze data in R.

Title
Statistical analysis

Learning Outcome
Apply statistical methods to infer significant relationships, including t-tests, linear regression, and non-parametric methods.

Title
Data prediction

Learning Outcome
Develop robust predictive models that do not over-fit sample data, including generalized additive models and regression trees.

Title
Application

Learning Outcome
Analyze a dataset and present your results a report with embedded R code that contains text, plots, and numerical results.

CE 575 - (CE - Me En) Optimization Techniques in Engineering

Course Information

Teaching Area (new)
CE

Course Number
575

Teaching Area
CE

Course Title
(CE - Me En) Optimization Techniques in Engineering

Course Description
Application of computational optimization techniques to constrained engineering design. Theory and application of gradient-based and gradient-free algorithms for unconstrained and constrained nonlinear problems. Robust design methods.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables

Other Prerequisites
Scientific computing.

CE 580 - Technical Writing for Publication

Course Information

Teaching Area (new)
CE

Course Number
580

Teaching Area
CE

Course Title
Technical Writing for Publication

Course Description
Publication process; pre-writing, drafting, revising, and editing; grammar, punctuation, and usage; non-textual elements; references; formatting; oral presentation; peer review.

Department
Civil and Construction Engineering

When Taught
Fall Term 2 Even Yrs..

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 306 - Civil Engineering Materials: Concrete, Masonry, and Asphalt

CE 594R - Selected Problems in Civil Engineering

Course Information

Teaching Area (new)
CE

Course Number
594R

Teaching Area
CE

Course Title
Selected Problems in Civil Engineering

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

CEBU 100 - Language Study: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
100

Teaching Area
CEBU

Course Title
Language Study: Cebuano

Course Description
Survival-level conversation, reading, listening, and culture skills in Cebuano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196880, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196882, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196884, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CEBU 101 - First-Year Language Study: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
101

Teaching Area
CEBU

Course Title
First-Year Language Study: Cebuano

Course Description
Beginning speaking, listening, reading, and writing skills in Cebuano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196874, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196876, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196878, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196879, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CEBU 102 - First-Year Language Study: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
102

Teaching Area
CEBU

Course Title
First-Year Language Study: Cebuano

Course Description
Second-semester speaking, listening, reading, and writing skills in Cebuano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CEBU 101 - First-Year Language Study: Cebuano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196868, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196869, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196871, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196872, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CEBU 201 - Second-Year Language Study: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
201

Teaching Area
CEBU

Course Title
Second-Year Language Study: Cebuano

Course Description
Intermediate speaking, listening, reading, and writing skills in Cebuano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CEBU 102 - First-Year Language Study: Cebuano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196858, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196861, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196863, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196864, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CEBU 202 - Second-Year Language Study: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
202

Teaching Area
CEBU

Course Title
Second-Year Language Study: Cebuano

Course Description
Continued emphasis on Cebuano communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CEBU 201 - Second-Year Language Study: Cebuano

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196850, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196851, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196853, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196855, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CEBU 305 - Language Skills Development: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
305

Teaching Area
CEBU

Course Title
Language Skills Development: Cebuano

Course Description
Increasing proficiency in one or more of the following Cebuano language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196846, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196847, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196848, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CEBU 321 - Advanced Grammar: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
321

Teaching Area
CEBU

Course Title
Advanced Grammar: Cebuano

Course Description
Advance your Cebuano through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196840, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196843, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196844, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
330

Teaching Area
CEBU

Course Title
Advanced Language Proficiency Through Cultural Studies: Cebuano

Course Description
Advanced study of literature of Cebuano literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cebu 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196833, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196834, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196836, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196838, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CEBU 340 - Introduction to Literature: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
340

Teaching Area
CEBU

Course Title
Introduction to Literature: Cebuano

Course Description
Explore Cebuano culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196828, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196829, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196830, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196831, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CEBU 350 - Advanced Language Study for Career Purposes: Cebuano

Course Information

Teaching Area (new)
CEBU

Course Number
350

Teaching Area
CEBU

Course Title
Advanced Language Study for Career Purposes: Cebuano

Course Description
Concentration on Cebuano language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CEBU 330 - Advanced Language Proficiency Through Cultural Studies: Cebuano

Learning Outcomes

Title
Defined Career Purposes

Tags
196821, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196822, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196823, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196824, 4

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196825, 5

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196827, 6

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

CELL 120 - Science of Biology

Course Information

Teaching Area (new)
CELL

Course Number
120

Teaching Area
CELL

Course Title
Science of Biology

Course Description
General biology course designed for biological science majors, emphasizing the scientific method, cell theory, biochemical unity, the central dogma, bioenergetics, reproduction, and evolutionary theory. Examples of these biological principles will focus on whole organism biology such as physiology, neuroscience, and developmental biology examples.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Scientific Method

Tags
202565, 0, 0, 2021-06-02 13:21:53

Learning Outcome
Understand and be able to use the scientific method: 1. Think critically about the purposes and objectives of scientific studies and data. 2. Become observant of and curious about patterns and processes in living things. 3. Ask essential, specific, answerable questions about observations. 4. Form hypotheses about biological patterns and processes that are testable.

Title
Foundational Concepts

Tags
202648, 0, 0, 2021-06-02 13:21:53

Learning Outcome
Understand well the following foundational concepts: 1. Cell theory and biological compartments 2. Chemistry of life (biochemical unity, central dogma) 3. Bioenergetics (biotransformation of energy) 4. Reproduction (fission, mitosis, meiosis) 5. Evolutionary theory

CELL 205 - Human Biology

Course Information

Teaching Area (new)
CELL

Course Number
205

Teaching Area
CELL

Course Title
Human Biology

Course Description
Body systems and influence of heredity.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
For nonbiology majors. Currently offered online only.

CELL 210 - Human Anatomy (with virtual lab)

Course Information

Teaching Area (new)
CELL

Course Number
210

Teaching Area
CELL

Course Title
Human Anatomy (with virtual lab)

Course Description
Structure and function of the human body. Virtual lab experience included.

Department
Cell Biology and Physiology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Pre-professional students should consult the advisement center when choosing between CELL 220 and CELL 210 as some programs require 4 credits of anatomy. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

CELL 220 - Human Anatomy (with lab)

Course Information

Teaching Area (new)
CELL

Course Number
220

Teaching Area
CELL

Course Title
Human Anatomy (with lab)

Course Description
Rigorous, in-depth coverage of the structure and function of the human body. Gross and microscopic anatomy of all major organ systems with their associated organs and tissues. Fundamental physiology concepts in each system are also introduced. Lab instruction includes prosected human cadavers.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
5

Note
Pre-professional students should consult the advisement center when choosing between CELL 220 and CELL 210 as some programs require 4 credits of anatomy.

CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology

Course Information

Teaching Area (new)
CELL

Course Number
295R

Teaching Area
CELL

Course Title
Introductory Undergraduate Research in Cell Biology and Physiology

Course Description
Basic (entry level) research laboratory experience for students interested in cell biology and physiology.

Department
Cell Biology and Physiology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Learning Outcomes

Title
Experiment Design

Tags
211377, 0, 1, 2021-09-05 08:23:20

Learning Outcome
Students will design experiments to test scientific hypotheses.

Title
Laboratory Experiments

Tags
211378, 0, 2, 2021-09-05 08:23:20

Learning Outcome
Students will assist others in carrying out laboratory experiments.

CELL 305 - Human Physiology

Course Information

Teaching Area (new)
CELL

Course Number
305

Teaching Area
CELL

Course Title
Human Physiology

Course Description
Function of body organ systems.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 210 - Human Anatomy (with virtual lab)

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)

Other Prerequisites
Chem 101 or equivalent.

Recommended
A general biology course

Note
Not acceptable for cell biology and physiology, biophysics, or neuroscience majors. Designed for students with basic chemistry/no molecular biology. Students with chemistry/molecular biology should take CELL 362. This course does not include a laboratory experience.

CELL 320 - Dissection Techniques in Human Anatomy

Course Information

Teaching Area (new)
CELL

Course Number
320

Teaching Area
CELL

Course Title
Dissection Techniques in Human Anatomy

Course Description
Techniques of human cadaver dissection.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CELL 220 - Human Anatomy (with lab)

CELL 325 - Tissue Biology (with lab)

Course Information

Teaching Area (new)
CELL

Course Number
325

Teaching Area
CELL

Course Title
Tissue Biology (with lab)

Course Description
Human anatomy and histology; function of cells in tissue; early stages of embryology.

Department
Cell Biology and Physiology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 210 - Human Anatomy (with virtual lab)

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)

Note
NOTE: Course should be taken during a student's second or third year and before courses in physiology and developmental biology. NOTE: Students must register for a both a lecture section and a lab section.

CELL 349R - Cell Biology and Physiology Teaching Experience

Course Information

Teaching Area (new)
CELL

Course Number
349R

Teaching Area
CELL

Course Title
Cell Biology and Physiology Teaching Experience

Course Description
Undergraduate student lecture or laboratory teaching assistantship, or other activities that provide students hands-on curriculum design, teaching, and mentoring experiences.

Department
Cell Biology and Physiology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
For TA experience, have earned a B or above in the specific Cell Biology and Physiology course; instructor's consent.

Learning Outcomes

Title
Teaching Experience

Tags
211379, 0, 1, 2021-09-05 08:38:20

Learning Outcome
Students will demonstrate content mastery and communication skills in teaching course material to other students.

Title
Mentoring Relationship

Tags
211380, 0, 2, 2021-09-05 08:38:20

Learning Outcome
Students will develop a close professional relationship with the course instructor.

Title
Constructive Feedback

Tags
211381, 0, 3, 2021-09-05 08:38:20

Learning Outcome
Students will respond to constructive feedback from students and the faculty mentor.

CELL 360 - Cell Biology

Course Information

Teaching Area (new)
CELL

Course Number
360

Teaching Area
CELL

Course Title
Cell Biology

Course Description
Fundamentals of cell structure and function with reference to analytical methods used by cell biologists. Practice in designing, executing, and interpreting relative experiments.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- MMBIO 240 - Molecular Biology

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 381 - Fundamentals of Biochemistry

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 481 - Biochemistry.

CELL 362 - Advanced Physiology

Course Information

Teaching Area (new)
CELL

Course Number
362

Teaching Area
CELL

Course Title
Advanced Physiology

Course Description
Integrated approach to organ system and cellular physiology. Problem solving/ calculations.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- MMBIO 240 - Molecular Biology

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 481 - Biochemistry.

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 381 - Fundamentals of Biochemistry

Recommended
Phscs 106 or Phscs 220

Note
Requires background in chemistry and molecular biology. Students without this background should take CELL 305. CELL 362 does NOT include a laboratory experience. Student's needing a physiology lab experience should enroll in CELL 363 (Advanced Physiology Laboratory) in addition to CELL 362.

CELL 363 - Advanced Physiology Laboratory

Course Information

Teaching Area (new)
CELL

Course Number
363

Teaching Area
CELL

Course Title
Advanced Physiology Laboratory

Course Description
Experiments and exercises emphasizing problem solving and calculations in human physiology.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
CELL 305; or CELL 362 or concurrent enrollment; or instructor's consent.

CELL 365 - Pathophysiology

Course Information

Teaching Area (new)
CELL

Course Number
365

Teaching Area
CELL

Course Title
Pathophysiology

Course Description
Variations in physiological mechanisms that account for development of common disturbances in normal control and activities of body's organs and organ systems.

Department
Cell Biology and Physiology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 362 - Advanced Physiology

CELL 382 - Developmental Biology

Course Information

Teaching Area (new)
CELL

Course Number
382

Teaching Area
CELL

Course Title
Developmental Biology

Course Description
Invertebrate and vertebrate developmental biology. Embryonic gastrulation, neurulation, patterning, etc. Modern approaches and research strategies. Emphasizes gene function, cell signaling, signal transduction during embryogenesis.

Department
Cell Biology and Physiology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 360 - Cell Biology
  AND MMBIO 240 - Molecular Biology

Recommended
Cell 325

CELL 399R - Academic Internship: Cell Biology and Physiology

Course Information

Teaching Area (new)
CELL

Course Number
399R

Teaching Area
CELL

Course Title
Academic Internship: Cell Biology and Physiology

Course Description
On-the-job experience in off-campus laboratories with a focus related to cell biology or physiology.

Department
Cell Biology and Physiology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Other Prerequisites
Consent of internship coordinator.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Research Proficiency

Tags
202514, 0, 1, 2021-09-05 08:38:41

Learning Outcome
Students will demonstrate research proficiency.

Title
Research Experience

Tags
202610, 0, 1, 2021-09-05 08:38:41

Learning Outcome
Students will demonstrate that they have learned how to establish a research experience with an extramural provider.

CELL 444 - BIO-Innovation and -Entrepreneurship 1

Course Information

Teaching Area (new)
CELL

Course Number
444

Teaching Area
CELL

Course Title
BIO-Innovation and -Entrepreneurship 1

Course Description
Students work as a team of consultants for external client life sciences tech companies. Students will develop the materials, strategy, organization, and rationale for successfully attracting investor capital to that business. At the end of the semester, students will know how create and grow a business around an existing foundation technology.

Department
Cell Biology and Physiology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
6 hours of 200-400 level life sciences courses.

CELL 445 - BIO-Innovation and -Entrepreneurship 2

Course Information

Teaching Area (new)
CELL

Course Number
445

Teaching Area
CELL

Course Title
BIO-Innovation and -Entrepreneurship 2

Course Description
Students, as small teams, will search for and validate life sciences technologies or ideas as a potential platform technology on which to form a new business enterprise. At the end of the semester, students will know where new technologies come from and how to assess their potential commercial value.

Department
Cell Biology and Physiology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 444 - BIO-Innovation and -Entrepreneurship 1

CELL 450R - Readings and Discussion in Cell Biology and Physiology

Course Information

Teaching Area (new)
CELL

Course Number
450R

Teaching Area
CELL

Course Title
Readings and Discussion in Cell Biology and Physiology

Course Description
Close interaction between small groups of students and instructor on topics in cell biology and physiology. Topics vary.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Learning Outcomes

Title
Literature Evaluation

Tags
211382, 0, 1, 2021-09-05 08:38:56

Learning Outcome
Students will develop skills in reading, evaluating, and critiquing current scientific papers.

Title
Communication Skills

Tags
211383, 0, 2, 2021-09-05 08:38:56

Learning Outcome
Students will develop interpersonal skills in scientific communication by working closely with department faculty and graduate students, and presenting information in small group settings.

Title
Experimental Application

Tags
211384, 0, 3, 2021-09-05 08:38:56

Learning Outcome
Students will learn how to design experiments to address important scientific questions in their fields of interest.

CELL 455R - Cell Biology and Physiology Seminar

Course Information

Teaching Area (new)
CELL

Course Number
455R

Teaching Area
CELL

Course Title
Cell Biology and Physiology Seminar

Course Description
Seminar (research) presentations for undergraduates in cell biology and physiology.

Department
Cell Biology and Physiology

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Scientific Seminar Presentation

Tags
202527, 0, 1, 2021-09-05 08:39:12

Learning Outcome
Students will be able to demonstrate the format, organization, and presentation of a typical scientific seminar.

Title
Scientific Etiquette

Tags
202591, 0, 1, 2021-09-05 08:39:12

Learning Outcome
Students will demonstrate the proper etiquette of scientific interactions by participating in question/answer periods following each seminar.

CELL 484 - Human Embryology

Course Information

Teaching Area (new)
CELL

Course Number
484

Teaching Area
CELL

Course Title
Human Embryology

Course Description
Developmental milestones of prenatal life: etiology of congenital malformations, emphasizing molecular and cellular changes and their functional consequences.

Department
Cell Biology and Physiology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cell 360 or equivalent

Recommended
Cell 325

CELL 495R - Advanced Undergraduate Research in Cell Biology and Physiology

Course Information

Teaching Area (new)
CELL

Course Number
495R

Teaching Area
CELL

Course Title
Advanced Undergraduate Research in Cell Biology and Physiology

Course Description
Advanced research laboratory experience for students interested in cell biology and physiology.

Department
Cell Biology and Physiology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- CELL 295R - Introductory Undergraduate Research in Cell Biology and Physiology

Learning Outcomes

Title
Experiment Design

Tags
202589, 0, 1, 2021-09-05 08:39:35

Learning Outcome
Students will demonstrate an understanding of hypothesis development and the design of experiments to test hypothesis.

Title
Independent Experiments

Tags
202617, 0, 1, 2021-09-05 08:39:35

Learning Outcome
Students will independently carry out laboratory experiments.

Title
Data Analysis

Tags
202620, 0, 2, 2021-09-05 08:39:35

Learning Outcome
Students will analyze experimental data and, where appropriate, perform statistical analysis.

CELL 498 - Advanced Senior Research Project

Course Information

Teaching Area (new)
CELL

Course Number
498

Teaching Area
CELL

Course Title
Advanced Senior Research Project

Course Description
Special project course for advanced Cell Biology and Physiology research students. Engaging in scientific research as specified in an approved research proposal. Comprehensive written work of research required.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Other Prerequisites
Instructor's consent must be obtained during previous semester.

CELL 520R - Advanced Topics in Clinical Human Anatomy

Course Information

Teaching Area (new)
CELL

Course Number
520R

Teaching Area
CELL

Course Title
Advanced Topics in Clinical Human Anatomy

Course Description
Applied clinical anatomy lectures and lab exercises.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)

Other Prerequisites
Or equivalent.

Learning Outcomes

Title
Foundational Knowledge of Anatomy

Tags
211385, 0, 1, 2021-09-05 08:40:02

Learning Outcome
Students will describe the structures and explain the functional relationships of the course-specific systems.

Title
Application and Integration of Anatomic Knowledge

Tags
211386, 0, 2, 2021-09-05 08:40:02

Learning Outcome
Students will translate their basic science knowledge of the course-specific systems toward analyzing and solving clinical cases

Title
Learning How to Learn

Tags
211387, 0, 3, 2021-09-05 08:40:02

Learning Outcome
Students will use the essential skills of literature search and critique, case study evaluation, and experimental method in anatomic problem solving.

CELL 550R - Advanced Topics in Cell Biology and Physiology

Course Information

Teaching Area (new)
CELL

Course Number
550R

Teaching Area
CELL

Course Title
Advanced Topics in Cell Biology and Physiology

Course Description
Advanced undergraduate or graduate-level course in topics relating to cell biology and physiology. Topics vary. 550R courses have a defined curriculum, including graded assignments and exams. Expectations and learning outcomes will be specified in the syllabus.

Department
Cell Biology and Physiology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Advanced Understanding of Scientific Principles

Tags
211388, 0, 1, 2021-09-05 08:40:18

Learning Outcome
Students will demonstrate an advanced understanding of scientific principles, ideas, methods, techniques, and trends in modern cell biology and physiology.

Title
Critical Analysis of Scientific Literature

Tags
211389, 0, 2, 2021-09-05 08:40:18

Learning Outcome
Students will read, interpret, evaluate, and discuss cell biology and physiology research papers.

Title
Synthesis Project

Tags
211390, 0, 3, 2021-09-05 08:40:18

Learning Outcome
Students will produce a competent and clearly composed scientific synthesis project (review paper, research proposal, poster presentation, or oral presentation).

CELL 561 - Physiology of Drug Mechanisms

Course Information

Teaching Area (new)
CELL

Course Number
561

Teaching Area
CELL

Course Title
Physiology of Drug Mechanisms

Course Description
Overview of physiological and pharmacological mechanisms and principles of human therapeutics as applied to clinically significant pathophysiology.

Department
Cell Biology and Physiology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 362 - Advanced Physiology

CELL 562 - Reproductive Physiology

Course Information

Teaching Area (new)
CELL

Course Number
562

Teaching Area
CELL

Course Title
Reproductive Physiology

Course Description
Mammalian reproductive physiology.

Department
Cell Biology and Physiology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cell 362 or equivalent

Recommended
Chem 481, Cell 382; or equivalents

CELL 565 - Endocrinology

Course Information

Teaching Area (new)
CELL

Course Number
565

Teaching Area
CELL

Course Title
Endocrinology

Course Description
Mammalian hormones.

Department
Cell Biology and Physiology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cell 362 or instructor's consent

CELL 568 - Cellular Electrophysiology and Biophysics

Course Information

Teaching Area (new)
CELL

Course Number
568

Teaching Area
CELL

Course Title
Cellular Electrophysiology and Biophysics

Course Description
Using electrophysiology and biophysics as an approach to study of physiology. Extensive look at ion channels and cell signaling.

Department
Cell Biology and Physiology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CELL 362 - Advanced Physiology
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:
- CELL 362 - Advanced Physiology
  AND PHSCS 225 - Introduction to Experimental Physics

CELL 570 - Responsible Conduct of Research

Course Information

Teaching Area (new)
CELL

Course Number
570

Teaching Area
CELL

Course Title
Responsible Conduct of Research

Course Description
Graduate-level course to instruct students on ethical and responsible conduct on topics such as experimental design, data acquisition, professional and collaborative relationships, authorship, and scientific outreach.\n

Department
Cell Biology and Physiology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

CELL 575 - Physiology of Aging

Course Information

Course Number
575

Teaching Area
CELL

Course Title
Physiology of Aging

Course Description
Biological principles underlying human aging, with emphasis on the molecular, cellular, and physiological mechanisms that make aging a major risk factor for chronic diseases and ailments.

Department
Cell Biology and Physiology

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- CELL 305 - Human Physiology
  OR CELL 362 - Advanced Physiology

Learning Outcomes

Title
Foundations of aging

Learning Outcome
Students will be able to identify and explain the foundational biological aspects of human aging.

Title
Cellular processes

Learning Outcome
Students will be able to explain the cellular aging process and how it contributes to the physiological and functional changes in old age.

Title
Disease and aging

Learning Outcome
Students will be able to describe the cause and progression of diseases related to human aging.

Title
Evaluate scientific literature

Learning Outcome
Students will be able to critically evaluate the current scientific literature on aging biology.

Title
Recommend lifestyle approaches

Learning Outcome
Students will be able to recommend lifestyle approaches to healthy aging by applying an understanding of the molecular basis of current therapeutic approaches to healthy aging.

CELL 582 - Developmental Genetics

Course Information

Teaching Area (new)
CELL

Course Number
582

Teaching Area
CELL

Course Title
Developmental Genetics

Course Description
Gene function and regulation during cell specification and differentiation, pattern formation, and organogenesis in developing embryo.

Department
Cell Biology and Physiology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cell 382 or equivalent.

CFM 105 - Fundamentals of Construction and Facilities Management

Course Information

Teaching Area (new)
CFM

Course Number
105

Teaching Area
CFM

Course Title
Fundamentals of Construction and Facilities Management

Course Description
Fundamentals of construction and facilities management including BIM, estimating, scheduling, and construction calculation methods.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fee.

Learning Outcomes

Title
Know the Major

Tags
181389, 0, 1, 2021-04-30 14:20:49

Learning Outcome
Understand the scope of the CFM major.

Title
Construction Documents

Tags
181377, 0, 3, 2021-04-30 14:20:49

Learning Outcome
Read and understand construction documents (plans and specs).

Title
Modeling

Tags
181376, 0, 4, 2021-04-30 14:20:49

Learning Outcome
Understand the basics of Building Information Modeling (BIM).

Title
Mathematics

Tags
181390, 0, 5, 2021-04-30 14:20:49

Learning Outcome
Perform basic construction math.

Title
Projects

Learning Outcome
Understand the basic project processes of design, estimating, scheduling, and site selection.

CFM 120 - Methods 1 - Structural Systems

Course Information

Teaching Area (new)
CFM

Course Number
120

Teaching Area
CFM

Course Title
Methods 1 - Structural Systems

Course Description
Basics of structural components in buildings. The content of this course will help the students understand the importance of these components, and how they are installed in buildings. This brief component overview will look at the materials, processes, and applicable building code basics in buildings.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Fee
20

Learning Outcomes

Title
Structural Systems

Learning Outcome
IdentifIdentify and analyze various types of structural systems commonly used in construction, including their components and functions.

Title
Structural Integrity

Learning Outcome
Evaluate the structural integrity and stability of different building types and materials, considering factors such as gravity loads, lateral forces, and environmental impacts.

Title
Structural Loads

Learning Outcome
Describe the principles and theories underlying the behavior of structural systems under different loading conditions.

Title
Building Codes

Learning Outcome
Assess the impact of building codes, regulations, and standards on the design and construction of structural systems, ensuring compliance with legal and safety requirements.

Title
Design

Learning Outcome
Apply mathematical and computational techniques to analyze and design structural systems, considering factors such as material strength, stability, and safety.

CFM 199R - Technical Internship

Course Information

Teaching Area (new)
CFM

Course Number
199R

Teaching Area
CFM

Course Title
Technical Internship

Course Description
Cooperative education and related technical on-the-job work experience.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application

Learning Outcomes

Title
Application

Tags
181290, 0, 1

Learning Outcome
Gain facilities management experience by applying FM principles in a technical internship.

Title
Communication

Tags
181291, 0, 2

Learning Outcome
Demonstrate professional communication skills in a report.

Title
Reflection

Tags
181292, 0, 3

Learning Outcome
Use reflective thinking to convert professional experience into academic understanding.

CFM 210 - Fundamentals of Facility and Property Management

Course Information

Teaching Area (new)
CFM

Course Number
210

Teaching Area
CFM

Course Title
Fundamentals of Facility and Property Management

Course Description
Overview of the profession of facility and property managaement, including space regulations, finance, project management, and other current practices.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Competencies

Tags
181293, 0, 1

Learning Outcome
Identify and explain the basic competencies of facility and property management, and FPM markets and associations.

Title
Space Planning

Tags
210953, 0, 2

Learning Outcome
Create a space plan from customer requirements.

Title
Systems

Tags
210954, 0, 3

Learning Outcome
Categorize the most common approaches to HVAC, plumbing, and fire systems.

Title
Contracts

Tags
210955, 0, 4

Learning Outcome
Contrast the structures of the three main service and outsourcing contracts.

Title
Scope Document

Tags
210956, 0, 5

Learning Outcome
Develop a scope document for the commonly required elements of operations and maintenance in an office building.

Title
Asset Register

Tags
210957, 0, 6

Learning Outcome
Create a capital asset register.

Title
Operating Budget

Learning Outcome
Develop a zero-based operating budget.

Title
Facility and Property Management

Learning Outcome
Contrast facility management and property management in terms of management and financial goals.

Title
Sustainability

Learning Outcome
Analyze sustainability trends and evaluate effective implementation in FM practice.

Title
Requirements

Learning Outcome
Distinguish between standards, codes, and laws.

CFM 220 - Methods 2 - Building Systems

Course Information

Teaching Area (new)
CFM

Course Number
220

Teaching Area
CFM

Course Title
Methods 2 - Building Systems

Course Description
Building Systems is an introduction to the electrical, plumbing, and HVAC systems in buildings. The content of this course will help the students understand how these systems operate and how they contribute to our personal comfort and productivity. This brief systems overview will look at the infrastructure that provides the public utility services we need and how we use those utilities in our buildings, including history, design, materials, equipment, fixtures, etc.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Learning Outcomes

Title
Building Systems Construction

Learning Outcome
Demonstrate knowledge of quality MEP construction processes associated with effectively managing the workforce and trade coordination.

Title
Building Systems Components

Learning Outcome
Identify and explain electrical, plumbing, mechanical, controls, and fire suppression components and their application in building systems.

Title
Standards and Codes

Learning Outcome
Interpret applicable standards and safety practices of the industry and apply codes to MEP installation.

Title
Testing and Inspection

Learning Outcome
Summarize testing and inspection requirements of building systems.

Title
Design

Learning Outcome
Design the critical building systems of a single-family home that meets code requirements.

CFM 291R - Undergraduate Seminar

Course Information

Teaching Area (new)
CFM

Course Number
291R

Teaching Area
CFM

Course Title
Undergraduate Seminar

Course Description
Topics or issues in Construction and Facilities Management are presented and discussed.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Required each semester for undergraduate majors who are not enrolled in 491R. School lecture series attendance required.

Learning Outcomes

Title
Industry Exposure

Tags
181414, 0, 1

Learning Outcome
Participate in industry seminars that discuss the skills needed and opportunities available in the construction industry.

Title
Relationships

Tags
181413, 0, 2

Learning Outcome
Develop relationships and camaraderie by partipating in Consruction Management activities.

Title
Service

Tags
181415, 0, 3

Learning Outcome
Develop responsibility to family, church, and community by serving others.

CFM 305 - Concrete, Masonry, and Asphalt Methods

Course Information

Teaching Area (new)
CFM

Course Number
305

Teaching Area
CFM

Course Title
Concrete, Masonry, and Asphalt Methods

Course Description
Managing concrete, masonry, and asphalt construction including estimating, controls, quality, and safety.

Department
Civil and Construction Engineering

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** STAT 201 - Statistics for Engineers and Scientists

CFM 311 - Estimating Processes

Course Information

Teaching Area (new)
CFM

Course Number
311

Teaching Area
CFM

Course Title
Estimating Processes

Course Description
The application of a basic understanding of construction materials and methods to effectively compile, organize, and analyze all items that influence and contribute to the total cost of construction projects. This includes maximizing estimating labor, materials, equipment, indirect costs, and subcontractor bidding processes effectively through software and computer integration.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 105 - Fundamentals of Construction and Facilities Management
  AND CCE 270 - Computational Methods

Learning Outcomes

Title
Lifecycle

Learning Outcome
Synthesize data and information from various sources to understand basic life-cycle cost analysis.

Title
Ethics

Learning Outcome
Understand ethical dilemmas associated with estimating in the built environment.

Title
Drawings and Specifications

Learning Outcome
Analyze and interpret construction drawings and specifications as they pertain to quantity take-offs.

Title
Quality

Learning Outcome
Compare and contrast quality levels and pricing of various construction materials and methods.

Title
Technology

Learning Outcome
Utilize advanced technology applications to create accurate and organized estimates.

CFM 312 - Construction Scheduling and Cost Control

Course Information

Teaching Area (new)
CFM

Course Number
312

Teaching Area
CFM

Course Title
Construction Scheduling and Cost Control

Course Description
Planning, scheduling, and monitoring construction projects, including development and implementation of critical path networks, management controls, and reporting mechanisms. Modern scheduling software is also applied through a culminating portfolio project.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 105 - Fundamentals of Construction and Facilities Management

Learning Outcomes

Title
Scheduling

Tags
181471, 0, 1

Learning Outcome
Construct, interpret, and assess Critical Path Method (CPM) schedules across diverse sectors demonstrating both technical proficiency and a commitment to ethical, effective project leadership.

Title
Resources

Tags
181469, 0, 3

Learning Outcome
Integrate resource management (labor, equipment, cost) into project schedules and perform resource analysis and leveling using industry best practices to ensure responsible stewardship of time and materials.

Title
Design

Tags
181470, 0, 4

Learning Outcome
Design, develop, and control residential, commercial, industrial, infrastructure, or engineering scheduling projects.

Title
Float + Risk

Tags
181467, 0, 5

Learning Outcome
Identify, classify, and utilize float types (total, free, shared, and independent) to optimize project performance and minimize risk throughout the life cycle of a project.

Title
Communication

Tags
181468, 0, 6

Learning Outcome
Develop and apply a variety of scheduling formats, including linear schedules, line of balance charts, bar charts, short interval plans, and network diagrams, to communicate time-based project data clearly and efficiently.

Title
Software

Learning Outcome
Effectively use industry-standard scheduling software tools to create, analyze, and revise construction schedules, cultivating technological fluency and a mindset of continual professional growth.

CFM 317R - ASC Competition

Course Information

Teaching Area (new)
CFM

Course Number
317R

Teaching Area
CFM

Course Title
ASC Competition

Course Description
A culminating experience, emphasizing the application of knowledge and skills gained through students' undergraduate careers. Students participate in an industry-sponsored competition organized by the Associated Schools of Construction (ASC). Preparation for, and participation in the competition deepens an understanding of real-world challenges toward solution-finding in the built environment.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 105 - Fundamentals of Construction and Facilities Management

Learning Outcomes

Title
Integrate Knwledge and Practice

Tags
181547, 1

Learning Outcome
Apply theoretical concepts, technical skills, and emerging technologies to develop innovative and practical solutions to real-world challenges in construction and facilities management.

Title
Demonstrate Leadership and Collaboration

Tags
181548, 2

Learning Outcome
Work effectively in diverse teams, exhibiting leadership, communication, and ethical decision-making to achieve project goals and foster professional relationships.

Title
Encourage Lifelong Learning and Stewardship

Tags
181549, 3

Learning Outcome
Critically and reflectively evaluate experiences to enhance individual growth, promote sustainable practices, and contribute to the betterment of communities and the built environment.

CFM 318R - NAHB Competition

Course Information

Teaching Area (new)
CFM

Course Number
318R

Teaching Area
CFM

Course Title
NAHB Competition

Course Description
A culminating experience, emphasizing the application of knowledge and skills gained through students' undergraduate careers. Students participate in an industry-sponsored competition organized by the National Association of Home Builders (NAHB). Preparation for, and participation in the competition deepens an understanding of real-world challenges toward solution-finding in the built environment.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 105 - Fundamentals of Construction and Facilities Management

Learning Outcomes

Title
Integrate Knowledge and Practice

Tags
181550, 1

Learning Outcome
Apply theoretical concepts, technical skills, and emerging technologies to develop innovative and practical solutions to real-world challenges in construction and facilities management.

Title
Demonstrate Leadership and Collaboration

Tags
181551, 2

Learning Outcome
Work effectively in diverse teams, exhibiting leadership, communication, and ethical decision-making to achieve project goals and foster professional relationships.

Title
Encourage Lifelong Learning and Stewardship

Tags
181552, 3

Learning Outcome
Critically and reflectively evaluate experiences to enhance individual growth, promote sustainable practices, and contribute to the betterment of communities and the built environment.

CFM 319R - CFM Experiential Learning

Course Information

Course Number
319R

Teaching Area
CFM

Course Title
CFM Experiential Learning

Course Description
A culminating experience, emphasizing the application of knowledge and skills gained through students' undergraduate careers. Preparation for, and participation in the experiential learning experience deepens an understanding of real-world challenges toward solution-finding in the built environment.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CFM 105 - Fundamentals of Construction and Facilities Management

Learning Outcomes

Title
Integrate Knowledge and Practice

Learning Outcome
Apply theoretical concepts, technical skills, and emerging technologies to develop innovative and practical solutions to real-world challenges in construction and facilities management.

Title
Demonstrate Leadership and Collaboration

Learning Outcome
Work effectively in diverse teams, exhibiting leadership, communication, and ethical decision-making to achieve project goals and foster professional relationships.

Title
Encourage Lifelong Learning and Stewardship

Learning Outcome
Critically and reflectively evaluate experiences to enhance individual growth, promote sustainable practices, and contribute to the betterment of communities and the built environment.

CFM 320 - Advanced Building Systems

Course Information

Teaching Area (new)
CFM

Course Number
320

Teaching Area
CFM

Course Title
Advanced Building Systems

Course Description
Understanding and managing large MEP systems; utility infrastructure planning and development, performing system assessments; performing energy, sustainability, and retro-commissioning cost-benefit analysis; understanding system outputs, metering, and costs; code compliance and problem solving.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CFM 220 - Methods 2 - Building Systems

Learning Outcomes

Title
Analyze and Design Building Systems

Tags
181133, 0, 1

Learning Outcome
Students will be able to analyze the specific requirements of a construction project and design appropriate Mechanical, Electrical, and Plumbing (MEP) systems that meet project needs efficiently and sustainably.

Title
Evaluate Energy Efficiency

Tags
181202, 0, 3

Learning Outcome
Students will demonstrate the ability to evaluate and implement energy-efficient strategies in building systems, taking into account current industry standards and sustainable building practices.

Title
Optimize System Outputs

Tags
181120, 0, 4

Learning Outcome
Students will be capable of optimizing building system outputs, including heating, cooling, ventilation, and lighting, to maximize performance and comfort while minimizing energy consumption and operational costs.

Title
Budgeting and Cost Estimation

Tags
181222, 0, 2

Learning Outcome
Develop skills in estimating the costs associated with installing, operating, and maintaining large building systems and perform cost-benefit analyses for retro-commissioning projects.

Title
Infrastructure Planning

Tags
181151, 0, 6

Learning Outcome
Understand the planning and development of utility infrastructure within the context of a construction project, including connections to power grids, water supply, and waste management.

Title
Condition Assessment and Maintenance Planning

Tags
181037, 0, 7

Learning Outcome
Students will learn how to conduct condition assessments of existing building systems, identify maintenance needs, and develop maintenance plans to ensure system longevity and reliability.

Title
Code Compliance and Regulations

Tags
181271, 0, 8

Learning Outcome
Demonstrate a deep understanding of relevant MEP codes and regulations, interpreting and applying them to ensure that all systems meet legal requirements and safety standards.

Title
Technology Integration

Learning Outcome
Integrate the latest technological advancements in building systems, such as Building Information Modeling (BIM) and Building Automation Systems (BAS), into project planning and management.

Title
Sustainability and Environmental Impact

Learning Outcome
Recognize and address the environmental impact of building systems, incorporating sustainable practices and technologies to reduce energy consumption and minimize the carbon footprint of construction projects.

CFM 333 - Sustainable Design and Architecture

Course Information

Course Number
333

Teaching Area
CFM

Course Title
Sustainable Design and Architecture

Course Description
The application of fundamental architectural design processes, combined with key principles of sustainability, to design buildings for various commercial, residential, and institutional uses. The course includes elements of architectural design theory, building form-finding, integrating projects with the natural environment and community infrastructure/services, evaluating building envelopes and internal systems, analyzing embodied and operational carbon loads, and building life-cycle assessments.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Design Systems

Learning Outcome
Design buildings as integrated systems, synthesizing program, circulation, scale, form, precedent, and contextual constraints into coherent architectural solutions.

Title
Sustainable Decision Making

Learning Outcome
Analyze site, climate, and regulatory contexts to guide sustainable decisions in building siting, massing, access, and spatial organization.

Title
Communication

Learning Outcome
Communicate architectural design professionally through clear, accurate drawings, models, diagrams, and presentations that convey design intent and sustainability.

Title
Sustainable Strategies

Learning Outcome
Integrate sustainability principles into building form and systems, applying passive strategies, envelope design, and material assemblies to support coherent sustainability strategies.

Title
Lifecycle

Learning Outcome
Evaluate environmental performance and consider life-cycle impacts of design choices, including embodied carbon and material tradeoffs, to inform responsible architectural decisions.

CFM 340 - Operations and Maintenance

Course Information

Teaching Area (new)
CFM

Course Number
340

Teaching Area
CFM

Course Title
Operations and Maintenance

Course Description
Acquisition, operation, maintenance, and disposal of building systems, structures, permanent interiors, furniture, and equipment; grounds and other exterior elements.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 210 - Fundamentals of Facility and Property Management

Learning Outcomes

Title
Maintenance

Tags
181321, 0, 1

Learning Outcome
Identify and explain processes and procedures associated with maintenance of building interior and exterior structures.

Title
Systems

Tags
210963, 0, 2

Learning Outcome
Identify and explain management processes associated with building energy systems and building control and emergency communication systems.

Title
Waste

Tags
210964, 0, 3

Learning Outcome
Describe custoidal and waste disposal processes.

Title
Grounds

Tags
210965, 0, 4

Learning Outcome
Describe processes for maintaining grounds, parking, and landscaping.

Title
Operations

Tags
210966, 0, 5

Learning Outcome
Create and demonstrate how to implement standards, practices, policies, and procedures for fundamental FM systems and processes.

Title
Cost

Tags
210967, 0, 6

Learning Outcome
Analyze building operating costs and capital expenditures.

Title
Diagnostics and Assessment

Tags
210968, 0, 7

Learning Outcome
Perform building diagnostics and needs assessments.

CFM 342 - Earthwork and Construction Equipment

Course Information

Teaching Area (new)
CFM

Course Number
342

Teaching Area
CFM

Course Title
Earthwork and Construction Equipment

Course Description
Introduction to basic soil properties and earthwork construction processes. Interpreting and using heavy civil construction documents including civil construction plansets, specifications, and geotechnical reports. Solving cost, cycle time, and productivity for earthwork construction equipment.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Soils

Learning Outcome
Identify and explain basic soil properties, behavior and testing processes, and construction application.

Title
Earthwork Estimating

Learning Outcome
Apply mass-haul principles for selecting equipment and determining haul distances and quantities.

Title
Civil Construction Documents

Learning Outcome
Interpret and use civil construction drawings, specifications, and geotechnical reports.

Title
Equipment Productivity

Learning Outcome
Solve cost, cycle time, and productivity for earthwork construction equipment.

Title
Civil Construction Safety

Learning Outcome
Explain safety practices associated with soils and equipment.

CFM 345 - Construction Safety Management

Course Information

Teaching Area (new)
CFM

Course Number
345

Teaching Area
CFM

Course Title
Construction Safety Management

Course Description
Protecting the lives and well being of employees is a value. Students learn safety requirements and responsibilities in construction; the cost and impact of accidents; accident investigation; safety inspection; hazards analysis; record keeping; and instituting a culture of safety.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Safety

Tags
181448, 0, 1

Learning Outcome
Collaborate as a team to create a comprehensive construction safety program using OSHA regulations and course materials-developing practical solutions that promote a culture of safety, accountability, and care for others.

Title
OSHA Navigation and Regulatory Compliance

Tags
181446, 0, 2

Learning Outcome
Demonstrate proficiency in navigating OSHA's 29 CFR 1926 construction standards to evaluate project compliance-cultivating attention to detail, professional responsibility, and a commitment to ethical practice.

Title
Safety Risk

Tags
181447, 0, 3

Learning Outcome
Identify and assess safety risks on construction sites through observation, analysis, and application of industry best practices-preparing students to proactively protect life and health in their future roles.

Title
Financial Impacts of Safety

Learning Outcome
Analyze how Experience Modification Rates (EMRs) and workers' compensation insurance premiums affect construction company profitability-demonstrating the link between safety, stewardship, and sound financial management.

CFM 385 - Construction Contracts and Law

Course Information

Teaching Area (new)
CFM

Course Number
385

Teaching Area
CFM

Course Title
Construction Contracts and Law

Course Description
Contractual literacy and the role of contracts in communication, risk assignment, legal compliance, and setting expectations between parties. Related themes of liability analysis, ethics, negotiation and conflict resolution are also explored. Key legislation and government organizations/agencies are reviewed related to construction, development, and associated businesses.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Contracts

Learning Outcome
Analyze and anticipate the impact of contract language on roles, responsibilities, and performance across various project delivery methods.

Title
Stakeholders

Learning Outcome
Identify and engage with authorities having jurisdiction over construction and development activities, considering labor, safety, environmental, and anti-discrimination laws; and applying respectful, informed interaction to support compliant, responsible project delivery.

Title
Risk

Learning Outcome
Identify and manage legal risks and liabilities while fostering professional, respectful, and ethical relationships in complex construction environments.

Title
Communication

Learning Outcome
Translate legal frameworks-including constraints, precedence, and jurisdictional authority-into practical guidance for legal and non-legal professionals.

Title
Ethics

Learning Outcome
Demonstrate integrity and ethical reasoning in responding to legal and business dilemmas, cultivating a strong moral foundation.

CFM 399R - Capstone Internship

Course Information

Teaching Area (new)
CFM

Course Number
399R

Teaching Area
CFM

Course Title
Capstone Internship

Course Description
Cooperative education and related facility and property management on-the-job work experience. Project report required for IFMA Facility Management Professional (FMP) designation.

Department
Civil and Construction Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 210 - Fundamentals of Facility and Property Management

Other Prerequisites
This course requires departmental approval. See cet-interns.groups.et.byu.net for more information

Note
Students are required to complete at least 8 of the 15 possible learning outcomes and demonstrate completion in their final paper. Follow the Department Pre-registration Instructions prior to Internship Application. An APPROVED Internship Application required before adding.

Learning Outcomes

Title
Application

Tags
181541, 0, 1

Learning Outcome
Apply content learned in the FPM program in a professional setting with an external company.

Title
Communication

Tags
210969, 0, 2

Learning Outcome
Demonstrate professional communication skills in a closeout report.

Title
Analysis

Tags
210970, 0, 3

Learning Outcome
Analyze issues discovered in a job setting and suggest improvement ideas.

CFM 400 - Managing High Performance Buildings

Course Information

Teaching Area (new)
CFM

Course Number
400

Teaching Area
CFM

Course Title
Managing High Performance Buildings

Course Description
Evolving technologies, energy performance, codes, safety, and financial expectations for high performance buildings. Prepare capital and operating budgets with a focus on Total Cost of Ownership financial modeling.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
  AND CFM 320 - Advanced Building Systems

AND

Complete ALL of the following Courses:

- M COM 320 - Management Communication
  OR CE 271 - Civil Engineering Communication
  OR WRTG 316 - Technical Communication

Learning Outcomes

Title
Critical Environment

Tags
181528, 0, 1

Learning Outcome
Assess mission criticality, risk, and the need for redundancy in the critical environment across a broad range of industries.

Title
Analysis

Tags
210971, 0, 2

Learning Outcome
Analyze problems with data center support infrastructure and devise potential solutions.

Title
Design Concepts

Tags
210972, 0, 3

Learning Outcome
Contrast the most common data center support infrastructure design concepts with normal building systems.

Title
Air Quality

Tags
210973, 0, 4

Learning Outcome
Differentiate how air quality is controlled in critical environments.

Title
Hospitals

Tags
210974, 0, 5

Learning Outcome
Articulate how the FM requirements for the critical environment in hospitals differ from those for other critical environments.

CFM 411 - Pre-Construction Services

Course Information

Teaching Area (new)
CFM

Course Number
411

Teaching Area
CFM

Course Title
Pre-Construction Services

Course Description
Managing preconstruction services including: Building Information Modeling (BIM), competitive bidding strategies, bid analysis, document management, site work, quantity takeoff, and cost estimation.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
  AND M COM 320 - Management Communication

OR

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
- WRTG 316 - Technical Communication

OR

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
- CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Preconstruction

Tags
181308, 0, 1

Learning Outcome
Provide value to a project by way of relationship management, bidding strategies, cost modeling, logistics planning, risk identification + mitigation, constructability, and effective oral/written communication.

Title
Technology

Tags
181309, 0, 2

Learning Outcome
Use cutting-edge technologies to bring added value to a project.

Title
Quantity Takeoffs

Tags
181310, 0, 3

Learning Outcome
Perform accurate quantity takeoffs using construction drawings and specifications for different stages of a project (i.e. conceptual, schematic, design, CDs).

Title
Bid Analysis

Tags
181311, 0, 4

Learning Outcome
Understand scopes of work to enable analysis and leveling of subcontractor bids.

Title
Ethics

Tags
181312, 0, 5

Learning Outcome
Understand ethical issues that may occur during preconstruction activities and how to deal with them.

CFM 415 - Construction Project Management and Control

Course Information

Teaching Area (new)
CFM

Course Number
415

Teaching Area
CFM

Course Title
Construction Project Management and Control

Course Description
Managing and controlling construction projects. Planning, startup procedures, inspections, progress measurements, field reports, change order and submittal processing, equipment management, and project closeout.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CFM 311 - Estimating Processes
  AND M COM 320 - Management Communication

OR

Prerequisites

Complete ALL of the following Courses:

- CFM 311 - Estimating Processes
  AND WRTG 316 - Technical Communication

OR

Prerequisites

Complete ALL of the following Courses:

- CFM 311 - Estimating Processes
  AND CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Time, Planning, and Cost Management

Tags
181473, 0, 1

Learning Outcome
Evaluate time dependencies, plan project schedules, and apply cost control techniques such as Earned Value Analysis to monitor budgets and project performance.

Title
Leadership and Team Dynamics

Tags
181476, 0, 2

Learning Outcome
Apply principles of effective leadership and team collaboration by analyzing roles, performance appraisals, and strategies for building cohesive, high-performing teams.

Title
Project Lifecycle and Delivery Methods

Tags
181482, 0, 3

Learning Outcome
Understand the full construction project life cycle-from conception through closeout-and compare project delivery methods, identifying key milestones and their impact on project success.

Title
Subcontract and Procurement Management

Tags
181479, 0, 4

Learning Outcome
Manage subcontracts and purchasing processes by creating and evaluating subcontracts, purchase orders, and communication tools that promote fairness, efficiency, and professionalism.

Title
Labor and Legal Issues in Construction

Tags
181475, 0, 5

Learning Outcome
Examine how labor unions, contractor relationships, and legal frameworks influence construction practice, and develop strategies for navigating these issues ethically and responsibly.

Title
Construction Documents and Change Management

Tags
181481, 0, 6

Learning Outcome
Analyze construction drawings, specifications, and change orders to understand how documentation and revisions affect project execution and cost forecasting.

Title
Ethical and Professional Decision Making

Tags
181477, 0, 7

Learning Outcome
Evaluate ethical dilemmas in project management and apply principles of integrity, stewardship, and Christlike leadership in resolving real-world challenges.

CFM 420 - Commercial Real Estate Management

Course Information

Teaching Area (new)
CFM

Course Number
420

Teaching Area
CFM

Course Title
Commercial Real Estate Management

Course Description
Fundamentals of commercial real estate investment, understanding market influences, contracts and property portfolio management.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes

AND

Complete ALL of the following Courses:
- M COM 320 - Management Communication
  OR CE 271 - Civil Engineering Communication
  OR WRTG 316 - Technical Communication

Learning Outcomes

Title
Commercial Rental Properties

Tags
181323, 0, 1

Learning Outcome
Define and explain lease and mortgage types, property valuation, operational and financial management of rental properties, and the role of the property manager in creating value.

Title
Mortgages

Tags
210975, 0, 2

Learning Outcome
Develop a mortgage schedule and assess the impact of various payment strategies on term and interest paid.

Title
Cost-Benefit Analysis

Tags
210976, 0, 3

Learning Outcome
Perform a cost-benefit analysis for a rental building upgrade using the income capitalization approach.

Title
Profit and Loss

Tags
210977, 0, 4

Learning Outcome
Create a profit and loss statement for a rental complex and analyze the impact of operational changes to the property's financial situation.

Title
Rent Concessions

Tags
210978, 0, 5

Learning Outcome
Evaluate the impact of granting rent concessions in different ways.

Title
Property Value

Tags
210979, 0, 6

Learning Outcome
Analyze the current situation of a residential complex and develop a management strategy to increase the property's value.

Title
Management

Tags
210980, 0, 7

Learning Outcome
Contrast the management of residential properties with office buildings and shopping centers.

CFM 425 - Construction Accounting

Course Information

Teaching Area (new)
CFM

Course Number
425

Teaching Area
CFM

Course Title
Construction Accounting

Course Description
Cost and managerial accounting topics for construction companies, including break-even analysis, ratio analysis, capital budgeting, job cost systems, master budgets pricing and decision-making, allocating costs.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting

Learning Outcomes

Title
Payroll

Tags
181487, 1

Learning Outcome
Understand payroll management and labor burden issues in the construction industry.

Title
Basic Financial Knowledge

Tags
181488, 0

Learning Outcome
Understand basic financial statements and double-entry accounting theory in the construction industry.

Title
Accounting

Tags
181489, 2

Learning Outcome
Understand managerial accounting theory, including how to interpret financial statements using ratio analysis, break-even analysis, trend analysis, etc.

Title
Accounting Controls

Tags
181490, 3

Learning Outcome
Understand internal accounting controls in construction companies.

Title
Computers & Accounting

Tags
181491, 4

Learning Outcome
Ability to use a computer-accounting program, understand the relationship between the different accounting modules, and generate managerial financial reports.

Title
Revenue Recognition

Tags
181492, 5

Learning Outcome
Understand revenue recognition options for construction companies.

CFM 426 - Real Estate Development

Course Information

Teaching Area (new)
CFM

Course Number
426

Teaching Area
CFM

Course Title
Real Estate Development

Course Description
The iterative processes of real estate development, including market analysis, coordination with local governments, designing development concepts, estimating and financial forecasting, identifying and engaging stakeholders, sequencing the timing of development activities to create project schedules, considering sales/marketing within the process, and communicating development plans and proposals (written and oral) to various audiences.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
  AND M COM 320 - Management Communication

OR

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
  AND WRTG 316 - Technical Communication

OR

Complete ALL of the following Courses:
- CFM 311 - Estimating Processes
  AND CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Market Analysis

Tags
181494, 0, 2

Learning Outcome
Conduct market studies, needs assessments, and demographic analysis in real estate development planning.

Title
Public Governance in Development

Tags
181495, 0, 3

Learning Outcome
Understand public processes and analyze municipal planning and zoning ordinances, procedures, and other regulations.

Title
General Arrangement Design

Tags
181497, 0, 4

Learning Outcome
Create a project general arrangement plan that addresses site constraints (topography, open water, climate exposures, etc.), infrastructure, traffic flows, adjacent buildings and services (urban planning), zoning ordinance requirements.

Title
Estimating

Tags
181496, 0, 6

Learning Outcome
Analyze development activities and estimate associated soft and hard costs.

Title
Financial Forecasting

Tags
210948, 0, 7

Learning Outcome
Apply basic principles of TVM to evaluate financial performance of developments and create basic project financial pro formas.

Title
Financial Planning

Learning Outcome
Understand how development projects are financed, and create a project finance plan.

Title
Stakeholders Engagement and Management

Learning Outcome
Analyze stakeholder interests and impacts in development, and create engagement and management plans.

Title
Scheduling

Learning Outcome
Organize the sequence of development activities and create a project schedule.

Title
Communication

Learning Outcome
Communicate complex ideas and proposals clearly and persuasively to both specialized and non-specialized audiences, utilizing various mediums such as written reports, oral presentations, and visual aids.

CFM 433 - Design Studio

Course Information

Course Number
433

Teaching Area
CFM

Course Title
Design Studio

Course Description
The design studio course engages students in comprehensive design projects, emphasizing critical thinking, sustainable practices, and social awareness in architectural design. Students explore diverse typologies and scales, employing advanced digital tools and interdisciplinary perspectives. The course integrates hands-on exercises, design critiques, and real-world insights to foster a holistic understanding of contemporary architectural practice and the societal impact of design decisions. By the end of the course, students will have a significant portfolio contribution and the skills necessary for further graduate studies in architecture.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CFM 333 - Sustainable Design and Architecture
  AND CFM 311 - Estimating Processes
  AND M COM 320 - Management Communication

OR

Prerequisites

Complete ALL of the following Courses:

- CFM 333 - Sustainable Design and Architecture
  AND CFM 311 - Estimating Processes
  AND WRTG 316 - Technical Communication

OR

Prerequisites

Complete ALL of the following Courses:

- CFM 333 - Sustainable Design and Architecture
  AND CFM 311 - Estimating Processes
  AND CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Programing

Learning Outcome
Synthesize advanced design concepts and theories into innovative architectural solutions that respond to complex programmatic and contextual challenges.

Title
Sustainability

Learning Outcome
Apply sustainable design principles and practices to address environmental, social, and cultural considerations in architectural projects.

Title
Contextual Design

Learning Outcome
Assess and integrate site-specific conditions, including physical, cultural, and socio-economic factors, into the design process to create contextually responsive architectural interventions.

Title
Architectural Decision Making

Learning Outcome
Critically analyze and evaluate the implications of design decisions on the built environment, considering the social, cultural, and ethical responsibilities of architects.

Title
Digital Modeling

Learning Outcome
Utilize advanced digital modeling and representation techniques to effectively communicate design ideas and concepts.

Title
Iterative Design

Learning Outcome
Incorporate feedback from peers, faculty, and industry professionals to iteratively refine and improve design solutions throughout the creative process.

Title
Portfolio

Learning Outcome
Develop a professional-level design portfolio showcasing a range of design projects that reflect an understanding of architectural principles, processes, and innovative solutions.

Title
Individual Growth

Learning Outcome
Reflect on personal design philosophies and approaches, demonstrating a commitment to ongoing learning and professional development.

CFM 442 - Civil Infrastructure Construction

Course Information

Course Number
442

Teaching Area
CFM

Course Title
Civil Infrastructure Construction

Course Description
Develop a project bid proposal for a heavy civil project, including the project estimate, schedule, and risk analysis. Utilize heavy civil contract documents including civil infrastructure plan sets, specifications, and geotechnical reports.

Department
Civil and Construction Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CFM 342 - Earthwork and Construction Equipment
- M COM 320 - Management Communication
  OR WRTG 316 - Technical Communication

Learning Outcomes

Title
Horizontal Infrastructure

Learning Outcome
Explain the types, roles, and effects of horizontal infrastructure on society.

Title
Contract Documents

Learning Outcome
Demonstrate understanding of a heavy civil construction project using contract documents.

Title
Cost Estimating

Learning Outcome
Calculate project quantities for materials, labor, and equipment.

Title
Scheduling

Learning Outcome
Develop a project schedule including phasing, critical path, and trade coordination.

Title
Project Risk

Learning Outcome
Identify and assess project risk.

Title
Project Proposal

Learning Outcome
Develop a bid package for a heavy civil construction project.

CFM 445 - Construction Company Operations and Management

Course Information

Teaching Area (new)
CFM

Course Number
445

Teaching Area
CFM

Course Title
Construction Company Operations and Management

Course Description
Organizing, controlling, and directing operations of construction companies; financial management, budgeting, cash-flow analysis, purchasing and cost control, and business planning.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- ACC 200 - Principles of Accounting
  AND CFM 311 - Estimating Processes
  AND M COM 320 - Management Communication

OR

Complete ALL of the following Courses:
- ACC 200 - Principles of Accounting
  AND CFM 311 - Estimating Processes
  AND WRTG 316 - Technical Communication

OR

Complete ALL of the following Courses:
- ACC 200 - Principles of Accounting
  AND CFM 311 - Estimating Processes
  AND CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Ethics + Leadership

Tags
181500, 0, 1

Learning Outcome
Apply ethics and integrity to various leadership, management, and professional situations.

Title
Human Resources Management

Tags
181501, 0, 2

Learning Outcome
Evaluate critical human resource performance and needs and strategically plan to improve performance.

Title
Managerial Accounting/Finance

Tags
181502, 0, 3

Learning Outcome
Identify, develop, and implement effective business strategy by analyzing managerial accounting statements and evaluating company financial performance.

Title
Risk

Tags
181503, 0, 4

Learning Outcome
Evaluate company risk and develop a plan to manage and mitigate identified risk.

Title
Strategic Planning

Tags
181504, 0, 5

Learning Outcome
Create a comprehensive business plan including necessary objectives, market analysis, resources, structure, and strategy for successful funding.

CFM 450 - Virtual Design & Construction

Course Information

Teaching Area (new)
CFM

Course Number
450

Teaching Area
CFM

Course Title
Virtual Design & Construction

Course Description
Develop mechanical, electrical, and plumbing plans using Building Information Modeling (BIM) and clash detection and resolution. Manage the coordination process, including 5D estimating, site logistics, animations, and high definition renderings.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- CCE 112 - Engineering Drafting
  OR CCE 113 - Construction Modeling

AND

Prerequisites

Complete ALL of the following Courses:

- CFM 311 - Estimating Processes

AND

Complete ANY of the following Courses:

- M COM 320 - Management Communication
  OR WRTG 316 - Technical Communication
  OR CE 271 - Civil Engineering Communication

Learning Outcomes

Title
Modeling

Tags
210950, 0, 2

Learning Outcome
Develop digital models for construction management purposes

Title
Technology

Tags
210949, 0, 1

Learning Outcome
Demonstrate application of current digital modeling tools

CFM 491 - Senior Seminar

Course Information

Teaching Area (new)
CFM

Course Number
491

Teaching Area
CFM

Course Title
Senior Seminar

Course Description
Developing best employment opportunities and strategy; interviewing, sales negotiations, resume and letter writing, and salary negotiations. Report on 300 hours of construction-related work experience.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
College Lecture attendance required.

Learning Outcomes

Title
Develop Professional Application Materials

Tags
181512, 2

Learning Outcome
Create and refine a professional resume, and LinkedIn profile tailored to the industry.

Title
Interviewing Skills

Tags
181514, 0, 3

Learning Outcome
Explain how to prepare for and participate in job interviews for professional positions.

Title
Apply Business Etiquette and Professional Conduct Standards

Tags
181508, 0, 4

Learning Outcome
Understand appropriate business etiquette in networking, workplace communication, and professional interactions within the industry.

Title
Evaluate Employment Opportunities

Tags
181511, 0, 5

Learning Outcome
Understand how to analyze and compare job offers, considering compensation, benefits, company culture, career growth potential, and alignment with personal and professional goals.

Title
Demonstrate Career Experience

Tags
181510, 0, 6

Learning Outcome
Demonstrate an ability to succeed in the construction and facilities management industries through work experience.

CFM 494R - Special Problems in Construction and Facilities Management

Course Information

Teaching Area (new)
CFM

Course Number
494R

Teaching Area
CFM

Course Title
Special Problems in Construction and Facilities Management

Course Description
Study of current facilities management technologies.

Department
Civil and Construction Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Special Topics

Tags
181516, 0

Learning Outcome
Students in the course will learn topics outside the standard curriculum that allows the student to broad their education as it relates to Construction Management.

CFM 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
CFM

Course Number
495R

Teaching Area
CFM

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Civil and Construction Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

CFM 500 - Construction Innovation and Technology

Course Information

Teaching Area (new)
CFM

Course Number
500

Teaching Area
CFM

Course Title
Construction Innovation and Technology

Course Description
Students in the course will study the current political, regulatory, technological, environmental, and leadership trends and issues related to construction management.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CFM 530 - Construction Company Operations and Human Resources Management

Course Information

Teaching Area (new)
CFM

Course Number
530

Teaching Area
CFM

Course Title
Construction Company Operations and Human Resources Management

Course Description
Managing human resources in construction companies including hiring, firing, retention, training and employee development motivation, incentives, personality profiles and company culture.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 445 - Construction Company Operations and Management

CFM 540 - Managing Risk in Construction

Course Information

Teaching Area (new)
CFM

Course Number
540

Teaching Area
CFM

Course Title
Managing Risk in Construction

Course Description
Managing the factors that create risk in a construction company, including contract administration, ethical practices, safety, international risks, insurances, and bonding.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 385 - Construction Contracts and Law

CFM 550 - Construction Company Development and Strategic Planning

Course Information

Teaching Area (new)
CFM

Course Number
550

Teaching Area
CFM

Course Title
Construction Company Development and Strategic Planning

Course Description
Advanced topics in the development of construction companies, including strategic planning, negotiations, banking relations, successful companies, risk management, productivity, trending and forecasting, zoning and development, entitlements, career balance, and sub-contract and resource management.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 445 - Construction Company Operations and Management

CFM 555 - Construction Company Financial Management

Course Information

Teaching Area (new)
CFM

Course Number
555

Teaching Area
CFM

Course Title
Construction Company Financial Management

Course Description
An in-depth review of management concepts and financial strategies needed to successfully grow and enhance profitability of a construction company. Topics include business entities, budgeting and cash management, finance and investments, accounting, financial statements, cost controls (variance and earned value analysis), real estate investing, taxation, break even analysis and capital budgeting.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 445 - Construction Company Operations and Management

Learning Outcomes

Title
Assessment:

Tags
181517, 10

Learning Outcome
Assessment of the above learning outcomes is performed through instructor analysis of homework, exams, classroom observations, student feedback, and course evaluations.

Title
Construction company financial management

Tags
181519, 0

Learning Outcome
Understand and apply management concepts and financial strategies needed to successfully grow and enhance profitability of a construction company.

CFM 560 - Leadership in the Built Environment

Course Information

Course Number
560

Teaching Area
CFM

Course Title
Leadership in the Built Environment

Course Description
This course focuses on the application of Leadership theory and principles to the Owner, Architecture, Engineering, Contractor industry (i.e., the Built Environment). Students will consider key strategies for designing, facilitating, and managing OAEC teams to identify and maximize value in the delivery of projects. Project delivery methods, procurement methods, and contracting approaches will be analyzed and compared for project specific optimization. Additionally, ethics and associated decision making will be analyzed and experienced within a leadership framework.

Department
Civil and Construction Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- M COM 320 - Management Communication
  AND CFM 445 - Construction Company Operations and Management

OR

Prerequisites

Complete ALL of the following Courses:

- WRTG 316 - Technical Communication
  AND CFM 445 - Construction Company Operations and Management

OR

Complete ALL of the following Courses:

- CE 271 - Civil Engineering Communication
  AND CFM 445 - Construction Company Operations and Management

Learning Outcomes

Title
Team Management

Learning Outcome
Create team design and team building strategies to accomplish primary project objectives.

Title
Leadership Theory

Learning Outcome
Understand and knowledgeably discuss various leadership approaches and their strengths and weaknesses. Students will also analyze their own personal approach to leadership and design an improvement strategy for growth in this area.

Title
Ethics

Learning Outcome
Identify ethical challenges and navigate the associated analysis and decision-making process.

Title
Industry Trends

Learning Outcome
Identify current industry challenges and communicate developed potential solutions.

Title
Project Risk

Learning Outcome
Assess project needs/circumstances in order to consult on ideal project delivery methods, contracting methods and procurement methods.

CFM 570 - Infrastructure Asset Management

Course Information

Course Number
570

Teaching Area
CFM

Course Title
Infrastructure Asset Management

Course Description
Explore how infrastructure is planned, delivered, operated, and maintained. Analyze challenges associated with infrastructure asset management. Evaluate the infrastructure life cycle, including strategic planning, investment and funding, decision making and prioritization, innovative design and construction processes, and long-term maintenance. Explore principles and practice of infrastructure asset management and resilient design, construction, and operation. The broad themes of sustainability and multi-disciplinary solutions are incorporated throughout the course.

Department
Civil and Construction Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CFM 442 - Civil Infrastructure Construction

Learning Outcomes

Title
Infrastructure Systems

Learning Outcome
Explain elements and operational procedures of public infrastructure systems.

Title
Management

Learning Outcome
Explain asset management principles and processes for infrastructure systems.

Title
Resiliency

Learning Outcome
Determine risk and vulnerability of public infrastructure systems.

Title
Sustainability

Learning Outcome
Develop a sustainability plan using the Envision Rating System for an infrastructure project.

Title
Asset Management Plan

Learning Outcome
Develop an infrastructure asset management plan for an infrastructure system.

CFM 580 - Sustainable Community Development

Course Information

Course Number
580

Teaching Area
CFM

Course Title
Sustainable Community Development

Course Description
Explore the principles, strategies, and practices of sustainable communities and their development. Students will evaluate a wide spectrum of stakeholders and their varied contexts, perspectives and objectives from an interdisciplinary approach. students will critically examine the complex interactions between social, economic, environmental, and cultural factors that influence the creation and maintenance of resilient and vibrant communities. The course emphasizes both theoretical frameworks and practical approaches to address challenges and opportunities associated with developing sustainable communities. Students will engage in case studies, hands-on projects, directed readings, and discussions that encourage innovative thinking and collaboration.

Department
Civil and Construction Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- M COM 320 - Management Communication
  AND CFM 426 - Real Estate Development

OR

Complete ALL of the following Courses:
- WRTG 316 - Technical Communication
  AND CFM 426 - Real Estate Development

OR

Complete ALL of the following Courses:
- CE 271 - Civil Engineering Communication
  AND CFM 426 - Real Estate Development

Learning Outcomes

Title
Key Concepts

Learning Outcome
Understand fundamental concepts, principles, and theories related to sustainable community development, including ecological integrity, social equity, economic vitality, cultural diversity, and resilience.

Title
Stakeholders & SDGs

Learning Outcome
Identify and evaluate communities and stakeholders, including unique perspectives across various global and temporal contexts, and incorporate insights from global progress toward the UN sustainable development goals (SDGs).

Title
Complex Systems

Learning Outcome
Analyze the intricate interplay between social, economic, environmental, and cultural systems within communities to identify potential points of intervention for sustainable development initiatives.

Title
Utilize Data and Research

Learning Outcome
Gather, analyze, and interpret relevant data and research findings to inform decision-making, and to develop evidence-based community development strategies.

Title
Development Actions

Learning Outcome
Evaluate past and current development actions, analyze long-term objectives against intended and unintended consequences,

Title
Planning

Learning Outcome
Create holistic development plans that balance competing current community needs and resources with future community interests, acknowledging trade-offs and designing flexibility/adaptability for changing environmental, social, and technical conditions.

Title
Stewardship & Ethics

Learning Outcome
Apply principles of stewardship and ethical decision-making in prioritizing responsible care of people and resources to support global flourishing, and fosters a sense of collective responsibility and intergenerational equity.

CFM 594R - Special Topics in Construction Management

Course Information

Teaching Area (new)
CFM

Course Number
594R

Teaching Area
CFM

Course Title
Special Topics in Construction Management

Course Description
Based on needs, interest, and significance, topics important to leaders and managers in the construction industry.

Department
Civil and Construction Engineering

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

CHEM 100 - Elementary College Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
100

Teaching Area
CHEM

Course Title
Elementary College Chemistry

Course Description
Structure of matter and the chemical consequences of that structure.

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PhyS 100 or equivalent

Note
For nonscience and nonmedical majors. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/CHEM-100-M002.

Learning Outcomes

Title
Problem solving

Tags
204092, 1

Learning Outcome
Students will be able to make basic quantitative calculations regarding a number of chemical concepts in preparation for more rigorous, college-level chemistry courses.

Title
Chemistry principles

Tags
204143, 0

Learning Outcome
Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

CHEM 101 - Introductory General Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
101

Teaching Area
CHEM

Course Title
Introductory General Chemistry

Course Description
Atomic and molecular structure, periodic relationships, states of matter, chemical reactions and stoichiometry, acids and bases.

Department
Chemistry and Biochemistry

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 97 or equivalent

Note
Primarily for nonscience majors who require a broad introduction to general chemistry. Students seeking a chemistry course only to fulfill a GE requirement should enroll in Chem 102. Additional seats for specific sections may be available to Freshman Mentoring participants through registration envelopes.

Learning Outcomes

Title
Big Picture

Tags
204038, 0

Learning Outcome

Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

Title
Problem Solving

Tags
204142, 1

Learning Outcome

Students will be able to make qualitative and/or quantitative predictions regarding a number of chemical concepts including chemical reactions and stoichiometry, calorimetry, osmosis, gases, acid/base chemistry, chemical equilibria, and radioactivity.

CHEM 102 - Concepts of Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
102

Teaching Area
CHEM

Course Title
Concepts of Chemistry

Course Description
The chemical nature of the world and the process of scientific inquiry. Application to critical scientific issues facing society.

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills a GE physical science requirement, but will not count as a chemistry prerequisite toward any major or minor. Note: Completion of a college chemistry class disqualifies you from taking this class. Note: This class is intended for non-science majors only.

Learning Outcomes

Title
Critical thinking about scientific claims

Tags
204005, 1

Learning Outcome
Students will demonstrate the ability to distinguish between reliable and questionable scientific claims as related to current, relevant issues facing society.

Title
Science and religion

Tags
204012, 2

Learning Outcome
Students will discuss intelligently the relationship between modern science and religious belief.

Title
Chemistry principles

Tags
204060, 0

Learning Outcome
Students will be able to view the world around them in chemical terms. Students will use the concepts of atoms, molecules, and their properties to understand a variety of phenomena.

CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Course Information

Teaching Area (new)
CHEM

Course Number
105

Teaching Area
CHEM

Course Title
General College Chemistry 1 with Lab (Integrated)

Course Description
Atomic and molecular structure including bonding and periodic properties of the elements; reaction energetics, electrochemistry, acids and bases, inorganic and organic chemistry. Includes an exploratory laboratory component.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Math 110 (or equivalent) or concurrent enrollment.

Note
Primarily for students in engineering and biological sciences. Three lectures per week plus recitation sections and exploratory lab assignments. Registering for a given section (other than an online section) will automatically register you for the lecture and the recitation. Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Chemistry fundamentals

Tags
205911, 1

Learning Outcome
Students will demonstrate a familiarity with the basic vocabulary and concepts of chemistry.

Title
Quantitative laws

Tags
205912, 2

Learning Outcome
Students will demonstrate a qualitative and basic quantitative understanding of the fundamental chemical laws which govern the material substances in our universe and which express how one variable in nature depends on another.

Title
Problem solving

Tags
205913, 3

Learning Outcome
Students will demonstrate the ability to manipulate quantitative descriptors of natural phenomena expressed both in the form of equations and of proportionalities, and solve chemistry problems using these skills.

Title
Chemical Phenomenon

Tags
205914, 4

Learning Outcome
A successful Chemistry 105 students describes chemical phenomenon by first focusing on properties of the elements at the atomic level. Chemistry 105 students will gain a knowledge base of reactivity patterns of elements and compounds.

Title
Field of Study

Tags
205915, 5

Learning Outcome
Chemistry 105 students will be able to use their chemistry experience, knowledge, and skills to better understand and work in their own field of study.

CHEM 106 - General College Chemistry 2

Course Information

Teaching Area (new)
CHEM

Course Number
106

Teaching Area
CHEM

Course Title
General College Chemistry 2

Course Description
Continuation of Chem 105 but covering most of the topics in a more quantitative way. Detailed treatment of thermodynamics and equilibria.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1

Note
Three lectures and one recitation per week. Registering for a given section will automatically register you for the lecture and the recitation.

Learning Outcomes

Title
Mastery of Chemistry Fundamentals

Tags
205916, 1

Learning Outcome
Students will demonstrate an expanded mastery of the concepts that were learned in Chemistry 105 including: kinetics, chemical equilibrium, acids and bases, solubility and complexation equilibrium, electrochemistry, thermodynamics, organic, biochemistry, and nuclear chemistry.

Title
Problem Solving

Tags
205917, 2

Learning Outcome
Students will demonstrate the ability to solve mathematical problems, typically using algebra, in kinetics, chemical equilibrium, acids and bases, solubility and complexation equilibrium, electrochemistry, and thermodynamics.

CHEM 107 - General College Chemistry Laboratory

Course Information

Teaching Area (new)
CHEM

Course Number
107

Teaching Area
CHEM

Course Title
General College Chemistry Laboratory

Course Description
Chemical properties, chemical reactions, collection and interpretation of data, preparation of reports.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Complete ANY of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  OR CHEM 111 - Principles of Chemistry 1

Other Prerequisites
Chem 106 or Chem 112 or concurrent enrollment

Note
Required for most students needing one year of general chemistry. Students taking the Chem 107 laboratory will be charged for non-returnable materials plus the cost of any breakage.

Learning Outcomes

Title
Observation and Inference

Tags
214914, 0, 4

Learning Outcome
Students will demonstrate the ability to carefully observe the outcomes of experiments, use that evidence to make inferences about molecular-level events, and communicate that information using the symbolic notation of chemistry.

Title
Laboratory Techniques and Safety

Tags
214915, 0, 5

Learning Outcome
Students will demonstrate skill at basic laboratory and safety techniques including measuring mass and liquid volumes, transferring chemicals, using a centrifuge, employing appropriate personal protective equipment, and disposing of waste materials properly.

Title
Scientific Practices

Tags
204267, 0, 3

Learning Outcome
Students will develop proficiency as scientists by asking questions, planning and carrying out experiments, analyzing and interpreting data, using models, constructing explanations, supporting arguments with evidence, and clearly and effectively communicating the results of their experiments.

CHEM 111 - Principles of Chemistry 1

Course Information

Teaching Area (new)
CHEM

Course Number
111

Teaching Area
CHEM

Course Title
Principles of Chemistry 1

Course Description
Stoichiometry, kinetic-molecular theory, thermodynamics, states of matter, solutions and equilibria, electrochemistry, structure and bonding, chemical reactions, kinetics.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Math 110 or equivalent.

Recommended
High school chemistry, physics, and introductory calculus or concurrent enrollment in Math 112

Note
Tutorial included.

Learning Outcomes

Title
Molecular Models

Tags
203873, 2

Learning Outcome
Students will demonstrate the ability to use valence shell and molecular orbital models of bonding to predict molecular shapes, reactivity, and spectroscopic properties.

Title
Application of Chemical Thermodynamics

Tags
203874, 3

Learning Outcome
Students will demonstrate the ability to use core concepts of chemical thermodynamics, with emphasis on the first and second laws, to predict physical changes and reaction outcomes based on Gibbs energies.

Title
Application of Kinetic Theory of Gases

Tags
203875, 4

Learning Outcome
Students will be able to apply the kinetic theory of gases, including properties of ideal gases and interactions that lead to non-ideal behavior, to predict gas behavior with varied temperature, pressure and volume.

Title
Application of Quantum Mechanics to Atomic Theory

Tags
204070, 0

Learning Outcome
Students will apply concepts of the quantum mechanical nature of light and matter to explain observations that originally led to the development of atomic theory.

CHEM 112 - Principles of Chemistry 2

Course Information

Teaching Area (new)
CHEM

Course Number
112

Teaching Area
CHEM

Course Title
Principles of Chemistry 2

Course Description
Continuation of Chem 111.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- CHEM 111 - Principles of Chemistry 1
  OR CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Note
Tutorial included.

Learning Outcomes

Title
Applying Thermodynamics to Equilibria and Entropy

Tags
203876, 1

Learning Outcome
Students will be able to use thermodynamic principles and their application to physical and chemical equilibria to calculate entropic and enthalpic contributions to physical changes and reactions and predict equilibria given entropic and enthalpic changes.

Title
Applying Acid-Base Theory

Tags
203877, 2

Learning Outcome
Students will be able to apply acid-base theory, including interactions of strong and weak acids and bases, to determination of pH values of solutions, calculating buffering capacity and performance of acid-base titrations. They will be able to use structural features of molecules to estimate acid and base strength.

Title
Electrochemistry

Tags
203878, 3

Learning Outcome
Students will demonstrate an understanding of electrochemistry in designing simple electrodes and will use reduction/oxidation potentials to characterize electrodes.

Title
Applying Transition State Theory to Reactions

Tags
203879, 4

Learning Outcome
Students will be able to apply transition state theory to reaction kinetics. Students will be able to model mathematically rates of multiple reaction types.

Title
Periodic Table Principles

Tags
203880, 5

Learning Outcome
Students will be able to apply the periodic nature of the elements to classify elements and identify the compositions of inorganic salts.

CHEM 113 - Introductory General Chemistry Laboratory

Course Information

Teaching Area (new)
CHEM

Course Number
113

Teaching Area
CHEM

Course Title
Introductory General Chemistry Laboratory

Course Description
Principles and techniques of chemical measurements. Concepts introduced in general chemistry lecture courses reinforced.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- CHEM 111 - Principles of Chemistry 1
  OR CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Other Prerequisites
Chem 112 or Chem 106 or concurrent enrollment (preferred). Chem 201 or concurrent enrollment.

Note
Students will be charged for non-returnable materials and the cost of any breakage. Attendance at both the lecture and lab is required.

Learning Outcomes

Title
Precise Quantitative Measurements

Tags
203881, 1

Learning Outcome
Perform precise quantitative measurements using volumetric glassware, analytical balances, and electrochemical and spectrophotometric instrumentation.

Title
Application of Chem 111 and Chem 112 to Laboratory Measureme

Tags
203882, 2

Learning Outcome
Apply concepts of quantum mechanics, kinetics, equilibrium and thermodynamics taught in Chem 111 and Chem 112 to laboratory measurements.

Title
Separation and Classification of Inorganic Cations and Anion

Tags
203883, 3

Learning Outcome
Apply a basic understanding of descriptive chemistry introduced in Chem 112 to the separation and classification of inorganic cations and anions.

Title
Record Laboratory Procedures

Tags
203884, 4

Learning Outcome
Record laboratory procedures and results neatly and concisely in a laboratory notebook

Title
Report Experimental Results

Tags
203885, 5

Learning Outcome
Report experimental results in a manner that gives proper attention to sources of experimental error.

CHEM 195 - Introduction to Chemistry and Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
195

Teaching Area
CHEM

Course Title
Introduction to Chemistry and Biochemistry

Course Description
Impact of chemistry and biochemistry on science and society. Overview of areas of chemistry and undergraduate research. Benefits of a chemistry or biochemistry degree for jobs, graduate or professional school.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Value of Degree

Tags
204002, 2

Learning Outcome
Students will recognize the value of a chemistry and biochemistry degree and the range of opportunities for degree holders.

Title
Societal Impact

Tags
204045, 0

Learning Outcome
Students will appreciate the impact of chemistry and biochemistry on society.

Title
Areas

Tags
204178, 1

Learning Outcome
Students will understand the distinctions between the main areas of chemistry and biochemistry.

Title
Research options

Tags
204180, 3

Learning Outcome
Students will be aware of options to do undergraduate research.

CHEM 201 - Chemical Handling and Safe Laboratory Practices

Course Information

Teaching Area (new)
CHEM

Course Number
201

Teaching Area
CHEM

Course Title
Chemical Handling and Safe Laboratory Practices

Course Description
Safe handling of chemicals and safe practices in chemistry laboratories.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Regulations

Tags
203886, 1

Learning Outcome
Discuss regulations that govern a chemists activities: OSHO, EPA, DOT, CDC, NRC, and state agencies and specifically, the OSHA Laboratory Standard CFR 29 1910.1450 and EPA RCRA regulations (CFR 40) requiring "cradle to grave" responsibility

Title
Chemical hazards

Tags
203887, 2

Learning Outcome
Identify chemical hazard classes and follow administrative guidelines to work safely in a laboratory environment and properly store and dispose of chemicals. These guidelines include regulated exposure limits PEL, STEL, IDLH, Ceiling and other measurable standards, such as the TLV, LD50, LC50, SADT, and guidelines for use of compressed gases and cryogenic materials.

Title
Protective equipment

Tags
203888, 3

Learning Outcome
Demonstrate usage of protective equipment available for chemical exposure.

Title
Accidents

Tags
203889, 4

Learning Outcome
Respond to laboratory accidents, such as spills, fires, and cuts, and clean up a mercury spill.

Title
Fire safety

Tags
203890, 5

Learning Outcome
Recognize fire hazards and put out a fire using an ABC fire extinguisher.

Title
Biological and radiological safety

Tags
203891, 6

Learning Outcome
Discuss biological and radiological safety, including biosafety levels, management of biological waste, lasers, and radionuclides.

CHEM 227 - Principles of Chemical Analysis

Course Information

Teaching Area (new)
CHEM

Course Number
227

Teaching Area
CHEM

Course Title
Principles of Chemical Analysis

Course Description
Principles of quantitative analysis, introductory instrumental methods, and computer applications to chemical analysis.

Department
Chemistry and Biochemistry

When Taught
Fall; Spring.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 113 - Introductory General Chemistry Laboratory

Recommended
Chem 201 or concurrent enrollment.

Note
Cost for non-returnable materials and breakage will be charged to the student account at the end of the semester. Students are required to attend both the lecture and the lab.

Learning Outcomes

Learning Outcome
Demonstrate skill in performing precise, careful, basic laboratory operations such as sample preparation, calibration techniques, spectrophotometry, electrochemical analysis, titrimetric and chromatographic methods

Learning Outcome
Explain basic measurement methods and devices

Learning Outcome
Show proficiency in reporting scientific results in numerical, graphical, and written formats, and be able to explain the ethical standards for such reports

Learning Outcome
Show proficiency in using computer programs for data analysis

Learning Outcome
Apply basic statistics to data analysis including, confidence intervals, t-test, linear regression, propagation of error, sampling statistics and signal-noise enhancement

Learning Outcome
Critically evaluate experiments and data with respect to theory and models

Learning Outcome
Apply knowledge to new problems, including the design and validation of new analytical methods

CHEM 285 - Introductory Bio-organic Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
285

Teaching Area
CHEM

Course Title
Introductory Bio-organic Chemistry

Course Description
Principles of organic chemistry and biochemistry relating to biomolecule structure and function.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Chem 101 or equivalent

Learning Outcomes

Title
Organic Functional Groups

Tags
204084, 1

Learning Outcome
Students will understand the structure and reactivity of organic functional groups, such as alcohols, aldehydes, carboxylic acids, and amides. For example, students will learn that aldehydes and ketones typically undergo addition reactions.

Title
Biomolecules

Tags
204115, 2

Learning Outcome
Students will understand the structure and reactivity of the biomolecules that have those functional groups. For example, students will be able to demonstrate that carbohydrates are aldehydes and ketones that undergo addition reactions to form hemiacetals and polysaccharides with acetal linkages.

Title
Metabolism of Carbohydrates, Lipids and Proteins

Tags
204118, 0

Learning Outcome
Students will understand the metabolism of carbohydrates, lipids, and proteins in humans. They will be able to describe in structures and words the metabolism of sugars through the pathways of glycolysis, the citric acid cycle, and the electron transport chain.

CHEM 297R - Research Training Experience

Course Information

Teaching Area (new)
CHEM

Course Number
297R

Teaching Area
CHEM

Course Title
Research Training Experience

Course Description
Developing competence in methods of research, safe practices, and application of classroom knowledge to research problems leading to confidence and independence in research work.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Other Prerequisites
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

Learning Outcomes

Title
Research skills

Tags
204136, 0

Learning Outcome
The student will develop the fundamental skills necessary to participate in mentored research in future semesters with a specific research group under the tutelage of a faculty member.

CHEM 331 - Guided Learning for Chemistry Instruction

Course Information

Teaching Area (new)
CHEM

Course Number
331

Teaching Area
CHEM

Course Title
Guided Learning for Chemistry Instruction

Course Description
Methods for guiding the learning of high school chemistry students, including modeling of instruction and practice in preparing and conducting demonstrations.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 107 - General College Chemistry Laboratory

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 113 - Introductory General Chemistry Laboratory

Recommended
Chem 201

Learning Outcomes

Title
Chemistry Fundamentals

Tags
203971, 2

Learning Outcome
Enrich and supplement the chemical principles and concepts learned in university chemistry courses to fully understand basic chemical principles.

Title
Pedagogy and Teaching Chemistry

Tags
203972, 1

Learning Outcome
Develop and broaden an understanding of the explanations of natural phenomena with chemistry principles to encourage student interest in the world around them.

Title
Laboratory and Problem Solving Skills

Tags
203973, 3

Learning Outcome
Develop and refine a variety of laboratory and problem solving strategies: dimensional analysis, microscale chemistry, Virtual ChemLab, and inquiry methods.

CHEM 351 - Organic Chemistry 1

Course Information

Teaching Area (new)
CHEM

Course Number
351

Teaching Area
CHEM

Course Title
Organic Chemistry 1

Course Description
Fundamentals of bonding, structure, and reactions of organic compounds, including molecular geometry, polarity, conformation, isomerism, functional groups, stereochemistry, reactions and reaction mechanisms, and spectroscopy.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1

Note
Primarily for majors in chemical engineering and the biological sciences. Registering for a given section will automatically register you for both the lecture and the recitation.

Learning Outcomes

Title
Recognizing and Naming Classes

Tags
204111, 0

Learning Outcome
Recognize functional group classes commonly encountered in organic chemistry and name representative molecules from each class using IUPAC rules for organic nomenclature.

Title
Structure and Reactivity Prediction

Tags
205919, 2

Learning Outcome
Predict structure and reactivity of alkanes, alkenes, alkynes, aromatic hydrocarbons, alcohols, ethers, epoxides, and alkylhalides based on such factors as carbon atom hybridization, bond length, bond strength, and bond polarity.

Title
Curved Arrow Mechanisms

Tags
205920, 3

Learning Outcome
Recognize and provide curved arrow mechanisms for the following types of organic reactions: additions, substitutions, and eliminations.

Title
Energetically-Preferred Conformations

Tags
205921, 4

Learning Outcome
Predict the energetically preferred conformation for straight-chain and branched alkanes, and for substituted cycloalkanes.

Title
R and S Configurations/Distinguishers

Tags
205922, 5

Learning Outcome
Determine R and S configurations for chiral molecules and distinguish between enantiomers, diastereomers, meso compounds, and conformational isomers.

Title
Mass Spectra Determining Molecule Structure

Tags
205923, 6

Learning Outcome
Interpret 1H NMR, 13C NMR, IR, UV, and mass spectra and use these data to determine the structure of organic molecules.

Title
Relative Energy Prediction

Tags
205924, 7

Learning Outcome
Predict the relative energies of reactive intermediates such as radicals, carbocations, and carbanions, based on structural considerations such as orbital hybridization, hyperconjugation, and resonance stabilization.

CHEM 351M - Organic Chemistry 1 - Majors

Course Information

Teaching Area (new)
CHEM

Course Number
351M

Teaching Area
CHEM

Course Title
Organic Chemistry 1 - Majors

Course Description
Fundamentals of bonding, structure, and reactions of organic compounds, including molecular geometry, polarity, conformation, isomerism, functional groups, stereochemistry, reactions and reaction mechanisms, and spectroscopy. Chem 351M provides a more in-depth treatment of the above topics than Chem 351.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1

Note

For majors in chemistry and biochemistry.

Learning Outcomes

Title
Recognizing and Naming Classes

Tags
203900, 1

Learning Outcome
Recognize functional group classes commonly encountered in organic chemistry and name representative molecules from each class using IUPAC rules for organic nomenclature.

Title
Curved Arrow Mechanisms

Tags
203901, 3

Learning Outcome
Recognize and provide curved arrow mechanisms for the following types of organic reactions: additions, substitutions, and eliminations.

Title
Energetically-Preferred Conformations

Tags
203902, 4

Learning Outcome
Predict the energetically preferred conformation for straight-chain and branched alkanes, and for substituted cycloalkanes.

Title
Relative Energy Prediction

Tags
203903, 7

Learning Outcome
Predict the relative energies of reactive intermediates such as radicals, carbocations, and carbanions, based on structural considerations such as orbital hybridization, hyperconjugation, and resonance stabilization.

Title
Structure and Reactivity Prediction

Tags
204008, 2

Learning Outcome
Predict structure and reactivity of alkanes, alkenes, alkynes, aromatic hydrocarbons, alcohols, ethers, epoxides, and alkylhalides based on such factors as carbon atom hybridization, bond length, bond strength, and bond polarity.

Title
R and S Configurations/Distinguishers

Tags
204055, 5

Learning Outcome
Determine R and S configurations for chiral molecules and distinguish between enantiomers, diastereomers, meso compounds, and conformational isomers.

Title
Mass Spectra Determining Molecule Structure

Tags
204082, 6

Learning Outcome
Interpret 1H NMR, 13C NMR, IR, UV, and mass spectra and use these data to determine the structure of organic molecules.

CHEM 352 - Organic Chemistry 2

Course Information

Teaching Area (new)
CHEM

Course Number
352

Teaching Area
CHEM

Course Title
Organic Chemistry 2

Course Description
Emphasis on organic reactions, reaction mechanisms, synthesis, and spectroscopy building on the foundation of Chem 351, including carbonyl chemistry, and chemistry of aromatic compounds, organic acids and bases, polymers, and biomolecules.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CHEM 351 - Organic Chemistry 1

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 357 - Industrial Organic Chemistry

Note
Primarily for majors in chemical engineering and the biological sciences.

Learning Outcomes

Title
Recognize and Predict Reactivity

Tags
204023, 2

Learning Outcome
Recognize and predict the reactivity of the following reactive species and/or reactive intermediates: Grignard reagents, Wittig reagents, organolithiums, diorganocuprates, enols, enolates, aryl diazonium ions, and benzynes.

Title
Recognize and Predict Structure/Reactivity

Tags
204063, 3

Learning Outcome
Recognize and predict the structure and reactivity of the following classes of biologically important organic molecules: carbohydrates, amino acids, proteins, and lipids.

Title
Curved Arrow Mechanisms

Tags
204080, 1

Learning Outcome
Recognize and provide curved arrow mechanisms for the following types of organic reactions: electrophilic & nucleophilic aromatic substitution, nucleophilic carbonyl addition, nucleophilic acyl substitution, carbonyl condensation, [4 2] cycloaddition, and substitution ato a carbonyl.

Title
Predict Structure and Reactivity

Tags
204128, 0

Learning Outcome
Predict structure and reactivity of aldehydes, ketones, carboxylic acids, esters, anhydrides, amides, b-ketocarbonyl containing compounds, amines, and phenols.

CHEM 352M - Organic Chemistry 2 - Majors

Course Information

Teaching Area (new)
CHEM

Course Number
352M

Teaching Area
CHEM

Course Title
Organic Chemistry 2 - Majors

Course Description
Emphasis on organic reactions, reaction mechanisms, synthesis, and spectroscopy building on the foundation of Chem 351M, including carbonyl chemistry, the chemistry of aromatic compounds, organic acids and bases, polymers, and biomolecules. Chem 352M provides a more in-depth treatment of the above topics than Chem 352.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 351M - Organic Chemistry 1 - Majors

Note
For majors in chemistry and biochemistry.

Learning Outcomes

Title
Predict Structure and Reactivity

Tags
203904, 1

Learning Outcome
Predict structure and reactivity of aldehydes, ketones, carboxylic acids, esters, anhydrides, amides, b-ketocarbonyl containing compounds, amines, and phenols.

Title
Recognize and Predict Reactivity

Tags
203905, 3

Learning Outcome
Recognize and predict the reactivity of the following reactive species and/or reactive intermediates: Grignard reagents, Wittig reagents, organolithiums, diorganocuprates, enols, enolates, aryl diazonium ions, and benzynes.

Title
Recognize and Predict Structure/Reactivity

Tags
203906, 4

Learning Outcome
Recognize and predict the structure and reactivity of the following classes of biologically important organic molecules: carbohydrates, amino acids, proteins, and lipids.

Title
Curved Arrow Mechanisms

Tags
204137, 2

Learning Outcome
Recognize and provide curved arrow mechanisms for the following types of organic reactions: electrophilic & nucleophilic aromatic substitution, nucleophilic carbonyl addition, nucleophilic acyl substitution, carbonyl condensation, [4 2] cycloaddition, and substitution ato a carbonyl.

CHEM 353 - Organic Chemistry Laboratory--Nonmajors.

Course Information

Teaching Area (new)
CHEM

Course Number
353

Teaching Area
CHEM

Course Title
Organic Chemistry Laboratory--Nonmajors.

Course Description
Physical and chemical properties, isolation and purification, characterization, syntheses.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 351 - Organic Chemistry 1

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 357 - Industrial Organic Chemistry

Other Prerequisites
Concurrent enrollment in Chem 352 or Chem 352M strongly preferred.

Note
For predentistry, premedicine, and other majors who do not intend to take Chem 455.

Learning Outcomes

Title
Traditional Organic Reactions

Tags
204042, 0

Learning Outcome
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

Title
Form Conclusions

Tags
204120, 2

Learning Outcome
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

Title
Organic Chemistry Techniques

Tags
204138, 1

Learning Outcome
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

CHEM 354 - Organic Chemistry Laboratory--Majors

Course Information

Teaching Area (new)
CHEM

Course Number
354

Teaching Area
CHEM

Course Title
Organic Chemistry Laboratory--Majors

Course Description
Physical and chemical properties, manipulative skills, isolation and purification, characterization and identification, syntheses.

Department
Chemistry and Biochemistry

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 201 - Chemical Handling and Safe Laboratory Practices
  AND CHEM 351M - Organic Chemistry 1 - Majors

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 351 - Organic Chemistry 1
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 357 - Industrial Organic Chemistry
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices

Other Prerequisites
Chem 352 or Chem 352M or concurrent enrollment (preferred)

Note
For chemistry and biochemistry majors only. Biochemistry majors are only required to take 1 credit, completed in Block 1.

Learning Outcomes

Title
Traditional Organic Reactions

Learning Outcome
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

Title
Organic Chemistry Techniques

Learning Outcome
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

Title
Form Conclusions

Learning Outcome
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

CHEM 355 - Organic Chemistry Laboratory 2 - Nonmajors

Course Information

Teaching Area (new)
CHEM

Course Number
355

Teaching Area
CHEM

Course Title
Organic Chemistry Laboratory 2 - Nonmajors

Course Description
Physical and chemical properties, isolation, purification, characterization, identification, and syntheses of organic compounds.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 353 - Organic Chemistry Laboratory--Nonmajors.

Learning Outcomes

Title
Traditional Organic Reactions

Tags
204021, 0

Learning Outcome
Perform a broad range of traditional organic reactions at the micro scale including: nucleophilic carbonyl additions, hydroboration, nucleophilic acyl substitution, electrophilic aromatic substitution, [4 2] cycloaddition, and photochemical alkene isomerization.

Title
Form Conclusions

Tags
204027, 2

Learning Outcome
Make correct conclusions about the outcome of experiments after collecting basic physical data, and after providing unambiguous interpretation of the necessary spectra.

Title
Organic Chemistry Techniques

Tags
204171, 1

Learning Outcome
Implement fundamental organic chemistry techniques for carrying out basic experiments, and purifying products, at the micro scale including: extraction, distillation, recrystalization, column chromatography, and TLC.

CHEM 357 - Industrial Organic Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
357

Teaching Area
CHEM

Course Title
Industrial Organic Chemistry

Course Description
Fundamentals of organic compound bonding, shape, structure, conformations, acidity, properties, kinetics, thermodynamics, reactions, and reaction mechanisms. Emphasis on organic reactions related to industrial chemistry processes.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND CHEM 106 - General College Chemistry 2

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1
  AND CHEM 112 - Principles of Chemistry 2

CHEM 381 - Fundamentals of Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
381

Teaching Area
CHEM

Course Title
Fundamentals of Biochemistry

Course Description
This course provides a foundation for chemistry and biochemistry majors in the fundamentals of biochemistry. Topics include: chemical and physical forces in biological systems; structure and chemistry of biomolecules; DNA/RNA polymerization, metabolism, and transcription; protein translation, structure, and modification; lipid structure and function; metabolism.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 351M - Organic Chemistry 1 - Majors

Recommended
Concurrent enrollment in or completion of Chem 352M recommended. For Biochemistry majors, concurrent enrollment in Chem 384 recommended.

Note
For chemistry and biochemistry majors only.

Learning Outcomes

Title
Equilibrium and Energetics

Learning Outcome
Describe how control of chemical equilibria is critical to biological systems and is used for energy transformation.

Title
Structure/Function Relationships

Learning Outcome
Recognize how macromolecular structure determines function and regulation occurs by modifying these structures in a signal dependent fashion.

Title
Biological Information Storage

Learning Outcome
Identify the chemical foundations of dynamic biological information storage and how this is connected to phenotype.

Title
Measurement and Analysis

Learning Outcome
Use objective measurement, quantitative analysis and clear communication to investigate the chemical processes of life.

CHEM 384 - Biochemistry Methods

Course Information

Teaching Area (new)
CHEM

Course Number
384

Teaching Area
CHEM

Course Title
Biochemistry Methods

Course Description
This course teaches basic laboratory skills and methods necessary for biochemistry research.

Department
Chemistry and Biochemistry

When Taught
Winter Term 2.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 227 - Principles of Chemical Analysis
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices

Other Prerequisites
Concurrent enrollment in or completion of Chem 381M.

Note
For chemistry and biochemistry majors only.

CHEM 391 - Technical Writing Using Chemical Literature

Course Information

Teaching Area (new)
CHEM

Course Number
391

Teaching Area
CHEM

Course Title
Technical Writing Using Chemical Literature

Course Description
Intensive technical writing course based on chemical literature sources.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 227 - Principles of Chemical Analysis
  AND CHEM 351M - Organic Chemistry 1 - Majors

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 227 - Principles of Chemical Analysis
  AND CHEM 351 - Organic Chemistry 1

Note

Fulfills GE Advanced Writing requirement.

Learning Outcomes

Title
Communicate Results

Tags
203910, 1

Learning Outcome
Communicate the results of scientific experiments in oral reports, technical graphics, and written reports.

Title
Research Literature

Tags
203911, 2

Learning Outcome
Search the chemical literature for published works relevant to a project of interest, and to read and understand technical literature related to the discipline.

Title
Apply Classroom Knowledge in Research Laboratory

Tags
203912, 3

Learning Outcome
Draw on classroom knowledge to contribute to solutions of problems encountered in a research laboratory.

Title
Post-Graduate Opportunities

Tags
203913, 4

Learning Outcome
Make informed choices among post-graduate opportunities for work or further education.

Title
Ethics

Tags
204057, 5

Learning Outcome
Understand professional and scientific ethics.

CHEM 397R - Mentored Outreach and Service Learning

Course Information

Teaching Area (new)
CHEM

Course Number
397R

Teaching Area
CHEM

Course Title
Mentored Outreach and Service Learning

Course Description
Develop or practice experiments, activities, and demonstrations for community outreach. Develop leadership and communication skills to support community engagement with chemistry and science.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1
  AND CHEM 112 - Principles of Chemistry 2
  AND CHEM 113 - Introductory General Chemistry Laboratory

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND CHEM 106 - General College Chemistry 2
  AND CHEM 107 - General College Chemistry Laboratory

Recommended
Chem 353, Chem 354, MMBio 241

CHEM 455 - Synthesis and Qualitative Organic Analysis

Course Information

Teaching Area (new)
CHEM

Course Number
455

Teaching Area
CHEM

Course Title
Synthesis and Qualitative Organic Analysis

Course Description
Laboratory course emphasizing isolation, purification, and characterization of major and minor products from selected syntheses.

Department
Chemistry and Biochemistry

When Taught
Fall.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 354 - Organic Chemistry Laboratory--Majors

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 353 - Organic Chemistry Laboratory--Nonmajors. **AND** CHEM 201 - Chemical Handling and Safe Laboratory Practices

Note
For chemistry and other science majors.

Learning Outcomes

Learning Outcome
Critically evaluate literature references, in particular experimental reaction details including reagents, starting materials, solvent, temperature, apparatus, stoichiometry, and scale. Adapt and modify known procedures to design and execute new reactions to obtain desired products on small and moderate scales (mgg).

Learning Outcome
Monitor and evaluate the successful completion of reactions using TLC with various solvents and modes, solvent changes and co-spot interpretation.

Learning Outcome
Work up reactions using the appropriate organic and aqueous system based on polarity and acid/base properties including drying and solvent removal operations.

Learning Outcome
Perform basic purification operations using recrystallization, distillation, chromatography with proper choice of solvents, techniques, mode of operation, etc. based on the properties of the product compound.

Learning Outcome
Evaluate purity and identification of structures using hands on operation of NMR, IR, MS, and polarimetry.

Learning Outcome
Prepare sample, set up and obtain routine 1D 1H and 13C NMR spectra showing adequate signal locking, shimming, formatting, data processing, spectra interpretation with complete peak assignment.

Learning Outcome
Demonstrate understanding of NMR theory including magnetic field resonance, radio frequency pulse sequences, shift, splitting, polarization transfer, signal correlation, 2D experiments including homo and heterocorrelation spectroscopy, COSY, HSQC, NOESY, and multiple bond techniques, HMBC, TOCSY

Learning Outcome
Demonstrate understanding of MS theory including ionization techniques, EI, CI, FAB, ES, MALDI, detection techniques, fragmentation patterns of functional groups, molecular ion, base peak, isotopes, N-rule.

Learning Outcome
Demonstrate understanding of polarimetry theory including plane polarized light, interaction with chiral compounds, optical rotation and determination of enantiomeric excess.

Learning Outcome
Write clear lab reports including clear experimental detail, operation, characterization, interpretation, evaluation, and conclusions.

CHEM 460 - Mathematics for Physical Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
460

Teaching Area
CHEM

Course Title
Mathematics for Physical Chemistry

Course Description
Instruction in the mathematics relevant for physical chemistry, particularly in multivariable calculus, differential equations, and series expansions. Other topics, such as linear algebra, will be revisited in the context of physical chemistry. Computational software, such as Matlab, will be used to solve complex problems with numerical methods.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 113 - Calculus 2
  AND MATH 213 - Elementary Linear Algebra

Other Prerequisites
Should be taken prior to or concurrent with Chem 462.

CHEM 462 - Physical Chemistry 1

Course Information

Teaching Area (new)
CHEM

Course Number
462

Teaching Area
CHEM

Course Title
Physical Chemistry 1

Course Description
Quantum mechanics, group theory, atomic and molecular structure, spectroscopy, computational methods, statistical mechanics.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 351M - Organic Chemistry 1 - Majors
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 351 - Organic Chemistry 1
- PHSCS 220 - Introduction to Electricity and Magnetism

Learning Outcomes

Title
Wave Functions and Operators

Tags
203957, 1

Learning Outcome
Demonstrate understanding of wave functions and operators, including solving for eigenvalues and expectation values

Title
Interpret and Extract Information on Molecular Shape

Tags
203958, 4

Learning Outcome
Apply quantum models of molecules to interpret spectra and extract information on molecular shape

Title
Solve for Simple Bonding Orbitals

Tags
203959, 6

Learning Outcome
Solve for simple bonding orbitals using valence bond, linear combinations of atomic orbitals and symmetry adapted linear combinations

Title
Solve for the Partition Function of Molecular Systems

Tags
203960, 7

Learning Outcome
Solve for the partition function of molecular systems, including translational, rotational, vibrational and electronic energies

Title
Characterize Molecular Properties

Tags
204041, 5

Learning Outcome
Characterize molecular properties by solving for molecular symmetry

Title
Approximation Techniques

Tags
204075, 3

Learning Outcome
Apply approximation techniques (variation and perturbation) to relate model system to real chemical systems

Title
Properties of Model Systems

Tags
204181, 2

Learning Outcome
Solve for properties of model systems, including particle in a box, harmonic oscillator, rigid rotor, Hydrogen-like atoms

CHEM 463 - Physical Chemistry 2

Course Information

Teaching Area (new)
CHEM

Course Number
463

Teaching Area
CHEM

Course Title
Physical Chemistry 2

Course Description
Thermodynamics and equilibria, states of matter, kinetic-molecular theory, kinetics, statistical mechanics.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1

Learning Outcomes

Title
Find Connections

Tags
203961, 1

Learning Outcome
Demonstrate connections between molecular interactions and equations of state

Title
Laws of Thermodynamics

Tags
203962, 4

Learning Outcome
Apply the laws of thermodynamics to physical and chemical processes, including phase transitions, mixtures, chemical equilibrium, and electrochemical processes

Title
Analyze and Interpret Data

Tags
203963, 5

Learning Outcome
Analyze and interpret experimental data to draw conclusions about physical and chemical processes

Title
Describe Chemical Reactions

Tags
203995, 3

Learning Outcome
Describe the kinetics of chemical reactions in terms of molecular mechanisms and empirical rate laws

Title
Understand and Use Molecular Models

Tags
204161, 2

Learning Outcome
Describe physical and chemical phenomena in terms of molecular and bulk models and understand the limitations of these models

CHEM 464 - Physical Chemistry Laboratory 1

Course Information

Teaching Area (new)
CHEM

Course Number
464

Teaching Area
CHEM

Course Title
Physical Chemistry Laboratory 1

Course Description
Experiments in areas of physical chemistry, including quantum mechanics, spectroscopy, thermodynamics, kinetics, and statistical mechanics; computer manipulation of data; report preparation and presentation.

Department
Chemistry and Biochemistry

When Taught
Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices
  AND CHEM 227 - Principles of Chemical Analysis

Note
May be taken before, after, or concurrent (preferred) with Chem 465.

Learning Outcomes

Learning Outcome
Collect quantitative data using a variety of instruments, including calorimeters and spectrometers

Learning Outcome
Fit collected data to mathematical models and extract molecular and bulk parameters

Learning Outcome
Prepare and present clear graphs and tables, showing data from experiments

Learning Outcome
Write clear lab reports in standard scientific journal format

Learning Outcome
Prepare and give high quality oral presentations

CHEM 465 - Physical Chemistry Laboratory 2

Course Information

Teaching Area (new)
CHEM

Course Number
465

Teaching Area
CHEM

Course Title
Physical Chemistry Laboratory 2

Course Description
Additional experiments in physical chemistry (see Chem 464 for subjects); computer manipulation of data; report preparation and presentation.

Department
Chemistry and Biochemistry

When Taught
Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices
  AND CHEM 227 - Principles of Chemical Analysis

Note
May be taken before, after, or concurrent (preferred) with Chem 464.

Learning Outcomes

Learning Outcome
Collect quantitative spectroscopic data using a variety of instruments, including FT-IR, UV/Vis

Learning Outcome
Fit collected data to physical chemical mathematical models and extract molecular parameters

Learning Outcome
Perform molecular computations on the molecules in laboratory experiments

Learning Outcome
Prepare and present clear graphs and tables, showing data from experiments

Learning Outcome
Write clear lab reports in standard scientific journal format

CHEM 467 - Physical Chemistry for Engineers

Course Information

Teaching Area (new)
CHEM

Course Number
467

Teaching Area
CHEM

Course Title
Physical Chemistry for Engineers

Course Description
Quantum mechanics, atomic and molecular structure, spectroscopy, computational methods, statistical mechanics, thermodynamics and equilibria, states of matter, kinetic-molecular theory, kinetics.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites

Chem 357 or Chem 351 should be taken prior to or concurrent with this course.

Recommended

Ch En 263

Note

For chemical engineering majors and other interested students in fields of engineering and physical science.

Learning Outcomes

Title
Fundamentals

Tags
204000, 0

Learning Outcome
understand the fundamentals of classical thermodynamics, quantum mechanics, reaction kinetics, and statistical mechanics, including foundational principles, key mathematical relationships and derivations, at a deeper, more rigorous level than Chem 111H and 112.

Title
Relate

Tags
204077, 1

Learning Outcome
be able to relate atomic/molecular properties and interactions to bulk properties and vice versa.

Title
Analyze

Tags
204083, 5

Learning Outcome
be able to analyze and interpret experimental data to draw conclusions about chemical processes from a wide range of disciplines, including chemistry, biology, engineering and geology.

Title
Interpret

Tags
204094, 2

Learning Outcome
be able to interpret atomic and molecular spectra in terms of quantum mechanical models.

Title
Develop and Use

Tags
204101, 6

Learning Outcome
be able to develop and use models, both conceptual and mathematical, of physical and chemical phenomena and understand the limitations of these models.

Title
Apply

Tags
204163, 4

Learning Outcome
be able to apply the laws of thermodynamics to physical and chemical processes.

Title
Describe

Tags
204176, 3

Learning Outcome
be able to describe the kinetics of chemical reactions in terms of molecular mechanisms and empirical rate laws.

CHEM 468 - Biophysical Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
468

Teaching Area
CHEM

Course Title
Biophysical Chemistry

Course Description
Applications of physical chemistry to biological systems. Spectroscopic applications, computational methods, structural biochemistry, thermodynamics, equilibria, statistical mechanics, transport properties, kinetics, quantum mechanics.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 481 - Biochemistry.
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 220 - Introduction to Electricity and Magnetism
  AND CHEM 381 - Fundamentals of Biochemistry

Note
For biochemistry (BS) majors and those interested in the health professions or biochemistry.

Learning Outcomes

Title
Fundamental Concepts in Four Principal Areas

Tags
203917, 1

Learning Outcome
Describe conceptually the fundamental concepts in the four principal areas of physical chemistry: classical thermodynamics, statistical thermodynamics kinetics and quantum mechanics

Title
Define and Manipulate Concepts Mathematically

Tags
203918, 2

Learning Outcome
Define mathematically the concepts outlined in 1) and manipulate the fundamental and derived equations associated with these concepts

Title
Use Skills to Calculate or Predict Conditions

Tags
203919, 3

Learning Outcome
Use the above skills to calculate or predict the equilibrium conditions or direction of spontaneous biochemical processes that are involved in metabolism or energy transfer events given appropriate thermodynamic data and initial system conditions

Title
Mathematical and Graphical Techniques

Tags
203920, 4

Learning Outcome
Employ mathematical and graphical techniques on enzyme kinetic data to extract key parameters and to identify inhibition mechanisms

Title
Solve Schroedinger Equation Problems

Tags
203921, 5

Learning Outcome
Solve simple Schroedinger equation problems (e.g., particle in a box), identify boundary conditions, and explain the significance of boundary conditions on the observance of quantized effects

Title
Predictions of Behavior

Tags
203922, 6

Learning Outcome
Relate the simple Hamiltonians from above to biological molecules and systems and generalize from the simple results to make predictions regarding behavior in the biological systems

Title
Nature of Electronic Energy Levels

Tags
203923, 7

Learning Outcome
Identify the nature of electronic energy levels in key photoactive biological molecules and use spectroscopic data to probe these levels

Title
Apply Concepts to Photosynthesis and Vision

Tags
203924, 8

Learning Outcome
Apply fundamental concepts of electronic structure and reaction kinetics to the steps in photosynthesis and vision

Title
Physical Chemistry Perspectives Lead to Deeper Understanding

Tags
203925, 9

Learning Outcome
Provide examples in which physical chemistry perspectives have enabled a deeper more complete understanding of the structure and function of biological molecules and complex biological systems

CHEM 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
CHEM

Course Number
477R

Teaching Area
CHEM

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

CHEM 481 - Biochemistry.

Course Information

Teaching Area (new)
CHEM

Course Number
481

Teaching Area
CHEM

Course Title
Biochemistry.

Course Description
First-semester biochemistry. Molecular components of cells, chemical structure and function, enzymes, metabolic transformations, photosynthesis.

Department
Chemistry and Biochemistry

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 352 - Organic Chemistry 2

Other Prerequisites
Completion of CELL 120 or BIO 130 or MMBIO 121.

Note
For students in biological sciences and others who contemplate pursuing advanced degrees, including medicine.

Learning Outcomes

Title
Interpret and Critique Experimental Data

Tags
204010, 20

Learning Outcome
Interpret and critique experimental data relating to biochemical models

Title
Explain How Structure Determines Biological Function

Tags
204028, 14

Learning Outcome
Explain how the structure of biomolecules such as proteins, nucleic acids, lipids, and carbohydrates determines their biological function

Title
Mastery of Key Concepts

Tags
204034, 13

Learning Outcome
Demonstrate mastery of key concepts in the Biochemistry subdiscipline and articulate the relationships between chemistry and biology. This outcome is elaborated in outcomes 2-5 below

Title
Understanding Reactivity in Metabolic Pathways

Tags
204040, 17

Learning Outcome
Push arrows to predict and understand reactivity in metabolic pathways

Title
Communicate in Writing

Tags
204043, 18

Learning Outcome
Communicate scientific ideas clearly to other specialists in writing

Title
Energy from Metabolic Reaction

Tags
204166, 16

Learning Outcome
Understand how energy is generated from metabolic reaction pathways

Title
Research

Tags
204186, 19

Learning Outcome
Identify and understand primary research articles relevant to a specific biochemical question of current interest

Title
Enzymes Catalyze Reactions

Tags
204190, 15

Learning Outcome
Describe how enzymes catalyze reactions in terms of thermodynamics, kinetics, and mechanistic strategies

CHEM 482 - Mechanisms of Molecular Biology

Course Information

Teaching Area (new)
CHEM

Course Number
482

Teaching Area
CHEM

Course Title
Mechanisms of Molecular Biology

Course Description
Second-semester biochemistry. Nucleic acid biochemistry and molecular biology: nucleotide metabolism, chromosome and chromatin structure, DNA structure and replication, RNA transcription and gene expression, protein synthesis and regulation, eukaryotic gene systems, signal transduction.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete at least 1 of the following courses:

- CHEM 381 - Fundamentals of Biochemistry
  OR CHEM 481 - Biochemistry.

Learning Outcomes

Title
Maintain

Tags
204014, 9

Learning Outcome
Maintain faith through challenges and ethical boundaries in reporting and interpreting data.

Title
Design

Tags
204018, 2

Learning Outcome
Design a DNA cloning strategy, explain controls necessary, and write procedural plan.

Title
Determine

Tags
204029, 1

Learning Outcome
Determine how to perform and interpret an electrophoresis separation of DNA fragments, southern blot, restriction map, polymerase chain reaction, and a DNA sequencing reaction with necessary controls.

Title
Interacts

Tags
204072, 8

Learning Outcome
Determine with what a protein interacts: Interpret gel shift assays, Chromatin Immunoprecipitation, DNA footprinting, and yeast two hybrid reporter assays.

Title
Techniques

Tags
204087, 4

Learning Outcome
Determine when and how to use techniques that involve RNA: Northern blots, quantitative PCR, microarrays, S1 nuclease and primer extension mapping of the transcriptional start with appropriate controls.

Title
Interpret

Tags
204103, 7

Learning Outcome
Determine where a protein is localized in a tissue or cell: interpret a western blot, protein fusion assays.

Title
Mechanism

Tags
204106, 3

Learning Outcome
Draw and explain the mechanism of RNA transcription and how RNA is processed, spliced, and regulated. Understand the basic mechanisms of transcriptional regulation using the example of transcription of genes necessary for cholesterol synthesis.

Title
Draw and Explain

Tags
204108, 0

Learning Outcome
Draw the structure of DNA, determine the topology of a plasmid, explain the chemical sequence of events that occur during DNA replication and draw structural changes that occur due to mutation.

Title
Sequence

Tags
204135, 5

Learning Outcome
Determine the sequence of amino acids in a protein from a series of nucleotides.

Title
Process

Tags
204185, 6

Learning Outcome
Draw and explain the process of protein translation and how it is regulated.

CHEM 483 - Bioenergetics and Metabolism

Course Information

Course Number
483

Teaching Area
CHEM

Course Title
Bioenergetics and Metabolism

Course Description
An advanced discussion of the biochemical processes allowing anabolism and catabolism, including the regulation of the metabolic pathways within individual cells and across tissues in complex organisms. Recent developments in analytical methods, genetics of disease, and data analysis will be considered.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- CHEM 482 - Mechanisms of Molecular Biology

Recommended
Chem 586 should be taken concurrently

Learning Outcomes

Title
Bonding and Structure

Learning Outcome
Recognize how bonding patterns and stereochemistry define the reactions used in metabolism.

Title
Enzyme Catalysis

Learning Outcome
Describe and analyze enzymatic catalysis in terms of energetics and reaction mechanisms.

Title
Structure/Function Relationships

Learning Outcome
Identify fundamental principles tying protein structure/function relationships to nutrient availability and cellular energetic status resulting in pathway-level regulation of metabolism.

Title
Metabolism Between Tissues

Learning Outcome
Use fundamentals of enzyme structure modification, substrate and product partitioning and secondary messengers to anticipate reactions and flow of metabolism between the tissues of complex organisms.

Title
Analyze and Interpret Data

Learning Outcome
Critically analyze, interpret, and make predictions from written, mathematical and/or graphical experimental data.

CHEM 489 - Structural Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
489

Teaching Area
CHEM

Course Title
Structural Biochemistry

Course Description
Molecular structures of proteins, RNA and DNA as determinants of biological function. Topics include thermodynamics of folding and binding, structural determination, spectroscopy, modeling, protein recognition.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 468 - Biophysical Chemistry

Learning Outcomes

Title
Relate Structure to Biological Function

Tags
203928, 2

Learning Outcome
Relate the structure of a macromolecule to its biological function

Title
Structural Information for Biological Macromolecules

Tags
203929, 3

Learning Outcome
Describe how X-ray crystallography, nuclear magnetic resonance, cryogenic electron microscopy, and circular dichroism techniques give structural information for biological macromolecules

Title
Communicate Orally and In Writing

Tags
203930, 4

Learning Outcome
Communicate scientific ideas (e.g. structure-function relationships) clearly and concisely to others orally and in writing, and use ethical standards in oral and written presentations

Title
Work With Peers

Tags
203931, 5

Learning Outcome
Work with peers to answer scientific questions

Title
Motifs and Symmetries in Macromolecular Structures

Tags
204067, 1

Learning Outcome
Identify motifs and symmetries in macromolecular structures and chemical interactions that maintain structural integrity

CHEM 495 - Senior Seminar

Course Information

Teaching Area (new)
CHEM

Course Number
495

Teaching Area
CHEM

Course Title
Senior Seminar

Course Description
Research topics presented by faculty and visiting scientists. Completion of undergraduate portfolio.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 594R - General Seminar

Note
Required of all seniors in all chemistry and biochemistry degree programs the last semester in residence. Note: Check the seminar schedule at chem.byu.edu for current schedule and updates. Attendance at a minimum of 10 seminars is required.

Learning Outcomes

Title
Become Familiar With Current Research

Tags
203932, 1

Learning Outcome
Become familiar with a variety of current research areas by listening to numerous visiting researchers describe their recent research results.

Title
Prepare for Seminar Presentations

Tags
203933, 2

Learning Outcome
Prepare for seminar presentations by reading literature articles written by visiting speakers before attending the presentation.

Title
Write Summaries of Research Papers

Tags
203934, 3

Learning Outcome
Improve science-writing skills by writing summaries of research papers.

Title
Reflect on BYU Education

Tags
203935, 5

Learning Outcome
Reflect on your BYU education and evaluate how it helps you achieve your goals.

Title
Notes in Presentations

Tags
204047, 4

Learning Outcome
Take notes in presentations attended to record thoughts and ideas for future reference.

CHEM 496R - Academic Internship: Chemistry and Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
496R

Teaching Area
CHEM

Course Title
Academic Internship: Chemistry and Biochemistry

Course Description
Research experience in an industrial, academic, or government laboratory in collaboration with a BYU faculty colleague/supervisor.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Instructor's consent; Chem 201 or concurrent enrollment or special safety training

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
204079, 0

Learning Outcome
The student will carry out a successfull internship connecting classroom principles to real-world applications.

Title
Internship report

Tags
204125, 1

Learning Outcome
The students will provide a written report or oral presentation explaining the technical work performec in the internship and its connection to the chemistry curriculum.

CHEM 497R - Mentored Learning in Chemistry/Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
497R

Teaching Area
CHEM

Course Title
Mentored Learning in Chemistry/Biochemistry

Course Description
Undergraduate research experience under the direction of a faculty mentor.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Other Prerequisites
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

Recommended
CHEM 297R; CHEM 297R

Learning Outcomes

Title
Mentored research

Tags
204033, 0

Learning Outcome
The student will participate in mentored research with a specific research group under the tutelage of a faculty member, and generate original scientific results.

Title
497R

Tags
204258, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-Analyt

Tags
204259, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-biochem

Tags
204260, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-chemEd

Tags
204261, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-inorg

Tags
204262, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-organic

Tags
204263, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

Title
497R-Physical

Tags
204264, 1

Learning Outcome
Under the guidance of a faculty mentor, students will carry out research that helps them progress toward the completion of an undergraduate degree in Chemistry or Biochemistry

CHEM 498R - Capstone Experience in Chemistry/Biochemistry

Course Information

Teaching Area (new)
CHEM

Course Number
498R

Teaching Area
CHEM

Course Title
Capstone Experience in Chemistry/Biochemistry

Course Description
Capstone undergraduate research experience. A maximum of 6 credits can be taken across multiple semesters/terms. Only 3 credits can count towards elective requirements for a chemistry/biochemistry degree.

Department
Chemistry and Biochemistry

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Other Prerequisites
Instructor's consent, and Chem 201 or concurrent enrollment or special safety training

Recommended
CHEM 497R; CHEM 497R

CHEM 500 - (Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
CHEM

Course Number
500

Teaching Area
CHEM

Course Title
(Chem-C S-Geol-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

CHEM 502 - Job Search Strategies

Course Information

Teaching Area (new)
CHEM

Course Number
502

Teaching Area
CHEM

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

CHEM 514 - Inorganic Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
514

Teaching Area
CHEM

Course Title
Inorganic Chemistry

Course Description
In-depth treatment of theoretical concepts in inorganic chemistry and solid state, organmetallic, and bioinorganic chemistry.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Completion of Chem 462 or concurrent enrollment in Chem 462. \nCompletion of Chem 467 or Chem 468 is also satisfactory

Learning Outcomes

Title
Describe Atoms and Molecules

Tags
203936, 1

Learning Outcome
Students will be able to describe atoms and molecules.

Title
Describe Physical and Electronic Properties of Inorganic Com

Tags
204211, 2

Learning Outcome
Students will be able to describe the physical and electronic properties of inorganic compounds such as metals, ionic solids, coordination compounds and nanomaterials.

Title
Assign Point Groups and Deduce Symmetries

Tags
204212, 3

Learning Outcome
Students will be able to assign point groups and deduce the symmetries of atomic orbitals, molecular orbitals, and molecular vibrations.

Title
Draw and Name Coordination Compounds

Tags
204213, 4

Learning Outcome
Students will be able to draw and name coordination compounds.

Title
Write and Orally Present Element Report

Tags
204214, 7

Learning Outcome
Students will be able to write and orally present a report on an element or family of elements.

Title
Describe Metalloproteins

Tags
204215, 6

Learning Outcome
Students will be able to describe several metalloproteins.

Title
Identify Compounds, Reactions, and Mechanisms

Tags
204216, 5

Learning Outcome
Students will be able to identify stable organometallic compounds, common organometallic reactions, and catalytic mechanisms.

CHEM 518 - Advanced Inorganic Laboratory

Course Information

Teaching Area (new)
CHEM

Course Number
518

Teaching Area
CHEM

Course Title
Advanced Inorganic Laboratory

Course Description
Synthesis, characterization, and properties of materials; coordination and organometallic compounds.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Chem 514 or concurrent enrollment.
Chem 201 or 601 or concurrent enrollment.

Learning Outcomes

Title
Safely Handle Lab Equipment

Tags
204006, 1

Learning Outcome
Students will be able to safely and with proficiency handle solvents, chemicals, glassware, and instruments.

Title
Use Solid-State Techniques to Synthesize Compounds

Tags
204013, 2

Learning Outcome
Students will be able to use solid-state techniques to synthesize compounds and characterize the compounds they synthesize.

Title
Complete Lab Experiments Independently and in Small Grops

Tags
204107, 5

Learning Outcome
Students will be able to work independently and in small groups to complete laboratory experiments.

Title
Synthesize, Isolate, Characterize and Explain Properties

Tags
204113, 3

Learning Outcome
Students will be able to synthesize, isolate, characterize and explain the properties of main group, coordination, organometallic, and bioinorganic compounds.

Title
Write Scientific Lab Reports

Tags
204150, 4

Learning Outcome
Students will be able to write scientific lab reports.

CHEM 521 - Instrumental Analysis Lecture

Course Information

Teaching Area (new)
CHEM

Course Number
521

Teaching Area
CHEM

Course Title
Instrumental Analysis Lecture

Course Description
Modern instrumental methods and basic principles of instrumentation.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 467 - Physical Chemistry for Engineers
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 468 - Biophysical Chemistry
  AND PHSCS 220 - Introduction to Electricity and Magnetism

Learning Outcomes

Title
Role of Main Components

Tags
204201, 1

Learning Outcome
Students will, with the aid of user manuals, be able to effectively operate optical spectrometers, mass spectrometers, and chromatographs based on a fundamental understanding of the components that make up those instruments.

Title
Method Development

Tags
204202, 2

Learning Outcome
Students will be able to develop an effective method for the analysis of a sample, with appropriate consideration of sample type, instrument selection based on well-defined figures of merit, validation with appropriate standards, quality control, and statistical analysis in reporting of uncertainties.

Title
Interpretation of Results

Tags
204203, 3

Learning Outcome
Students will gain textbook experience in the interpretation of optical, chromatographic, and mass spectrometric measurement in anticipation of hands-on experience with the techniques in Chemistry 523.

Title
Electronic Measurement Principles

Tags
204204, 4

Learning Outcome
Students will understand the concepts of input impedance, output impedance, impedance matching, and A/D conversion, and will be able to apply that understanding to the proper connection of a signal source with an electronic measuring device.

Title
Signals and Noise

Tags
204205, 5

Learning Outcome
Students will understand the origins of noise in analytical measurements and will be able to apply that understaning in a variety of signal processing techniques that optimize signal-to-noise ratios and improve analytical performance of instrumental methods.

CHEM 523 - Instrumental Analysis Laboratory

Course Information

Teaching Area (new)
CHEM

Course Number
523

Teaching Area
CHEM

Course Title
Instrumental Analysis Laboratory

Course Description
Continuation of Chem 521. Laboratory experience with modern analytical instrumentation.

Department
Chemistry and Biochemistry

When Taught
Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Untitled Requirement

Type
Prerequisite

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:

- CHEM 521 - Instrumental Analysis Lecture
  AND CHEM 201 - Chemical Handling and Safe Laboratory Practices

OR

Complete ALL of the following Courses:

- CHEM 521 - Instrumental Analysis Lecture
  AND CHEM 601 - Safe Chemical Practices

Learning Outcomes

Learning Outcome
Make accurate chemical analyses using a variety of instrumental techniques.

Learning Outcome
Describe their findings clearly and concisely in writing, including interpretation of results and statistical analysis.

Learning Outcome
Present data in graph and/or tabular formats effectively.

Learning Outcome
Apply what they have learned about instrumental analysis to carry out a new procedure of their own design.

Learning Outcome
Explain observations made during the course of an experiment.

Learning Outcome
Discuss how experimental variables affect the outcome of a measurement.

Learning Outcome
Identify appropriate instrumental methods for given chemical analysis problems, taking into account such factors as sample type, interferences, sensitivity, and selectivity.

Learning Outcome
Identify and resolve problems when they arise in analyses.

CHEM 552 - Advanced Organic Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
552

Teaching Area
CHEM

Course Title
Advanced Organic Chemistry

Course Description
Physical aspects of organic chemistry; mechanisms, reaction intermediates, bonding, stereochemical and stereoelectronic effects, molecular orbital theory, Lewis acidity and basicity.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 352M - Organic Chemistry 2 - Majors

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 352 - Organic Chemistry 2

Other Prerequisites

Chem 462 and 463 (or Chem 468).

Learning Outcomes

Title
Outcome 4

Tags
204035, 3

Learning Outcome
Predict reaction mechanisms of major classes of organic reactions, including substitutions, eliminations, additions and radical reactions.

Title
Outcome 5

Tags
204081, 4

Learning Outcome
Recognize the impact of non-covalent interactions in complex systems and reaction mechanisms.

Title
Outcome 2

Tags
204123, 1

Learning Outcome
Perform calculations using ab initio, semi-empirical, density functional, and molecular mechanics approaches to predict energies and structures of ground and transition states.

Title
Outcome 3

Tags
204127, 2

Learning Outcome
Use reaction kinetics, linear free energy relationships, isotope labeling, stereo-electronic effects and stereochemical outcomes to determine reaction mechanisms.

Title
Outcome 1

Tags
204179, 0

Learning Outcome
Predict relative energies and locations of frontier molecular orbitals for organic molecules of intermediate complexity using linear combinations of atomic orbitals and hybridized orbital approaches.

CHEM 553 - Advanced Organic Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
553

Teaching Area
CHEM

Course Title
Advanced Organic Chemistry

Course Description
Synthetic aspects of organic chemistry; oxidations, reductions, concerted reactions, stereoselectivity, synthetic equivalents, protecting groups. Examples of natural product total synthesis.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 352 - Organic Chemistry 2

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 352M - Organic Chemistry 2 - Majors

Learning Outcomes

Title
Outcome 2

Tags
204048, 1

Learning Outcome
Apply protecting group strategies in feasible routes to complex natural products and/or other organic molecules of biological or theoretical interest.

Title
Outcome 5

Tags
204126, 4

Learning Outcome
Predict reaction mechanisms for the reaction types listed in outcomes 3 and 4.

Title
Outcome 3

Tags
204132, 2

Learning Outcome
Recognize and be able to apply standard methods for carbon-carbon bond forming reactions including: alkylation of nucleophilic carbon; reactions of carbanions with carbonyl groups; reactions involving transition metals; reactions of compounds of boron, silicon, and tin; and cycloadditions.

Title
Outcome 4

Tags
204134, 3

Learning Outcome
Recognize and be able to apply standard methods for carrying out the following types of synthetic transformations: reductions of carbonyls and other functional groups, oxidations, electrophilic additions, aromatic substitution reactions.

Title
Outcome 1

Tags
204196, 0

Learning Outcome
Formulate a retrosynthetic analysis and propose a total synthesis route for a previously un-synthesized complex natural product.

CHEM 555 - Organic Spectroscopic Identification

Course Information

Teaching Area (new)
CHEM

Course Number
555

Teaching Area
CHEM

Course Title
Organic Spectroscopic Identification

Course Description
Theory and practice of spectrometric methods of identifying organic compounds, including infrared, ultraviolet nuclear magnetic resonance, and mass spectrometries.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Students who have completed Chem 455 are not eligible to enroll in Chem 555.

Learning Outcomes

Title
Outcome 2

Tags
203997, 1

Learning Outcome
Students will receive training on the open-access research instruments used for spectrometric analysis. This includes the IR, UV, MS, NMR spectrometers and the polarimeter, with an emphasis on 1D and 2D NMR methods.

Title
Outcome 1

Tags
204024, 0

Learning Outcome
Students will develop problem-solving skills by identifying the molecular structure of organic compounds using multiple spectrometric techniques including IR, UV, MS, and NMR (both 1D and 2D spectra).

Title
Outcome 3

Tags
204098, 2

Learning Outcome
Students will complete an unknown identification project that gives them practice preparing their own samples, operating the instruments to acquire their own spectra and interpreting this data to identify their unknowns.

CHEM 561 - Chemical Thermodynamics

Course Information

Teaching Area (new)
CHEM

Course Number
561

Teaching Area
CHEM

Course Title
Chemical Thermodynamics

Course Description
Development of the principles of chemical thermodynamics, including laws, pure materials, mixtures, equilibria, and elementary statistical mechanics.

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND CHEM 463 - Physical Chemistry 2

Learning Outcomes

Title
Chem 561 - Thermodynamics

Tags
204233, 1

Learning Outcome
Students will demonstrate knowledge in chemical thermodynamics.

CHEM 563 - Reaction Kinetics

Course Information

Teaching Area (new)
CHEM

Course Number
563

Teaching Area
CHEM

Course Title
Reaction Kinetics

Course Description
Theoretical aspects of chemical kinetics in the gas phase and in solution. Rates and mechanisms in solution, rapid reactions, and other topics.

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND CHEM 463 - Physical Chemistry 2

Learning Outcomes

Title
Outcome 3

Tags
204015, 2

Learning Outcome
Interpret the results of experiments that measure dynamic processes, such as cross-molecular beam experiments.

Title
Outcome 1

Tags
204022, 0

Learning Outcome
Solve simple and complex (coupled or sequential) kin etic expressions to obtain rate constants, reaction lifetimes, and activation energies, for gas, liquid, surface, and catalyzed reactions.

Title
Outcome 2

Tags
204044, 1

Learning Outcome
Use statistical reaction theories, including transition state theory and RRKM, to both predict and interpret chemical reaction rates.

Title
Outcome 4

Tags
204155, 3

Learning Outcome
Use the concepts of detailed balance and microscopic reversibility to connect the results of experiments that measure dynamic processes to experiments that obtain kinetic results.

Title
Outcome 5

Tags
204159, 4

Learning Outcome
Calculate the potential energy surface (PES) for a simple chemical reaction, explain the relationship between the PES and the outcomes of a chemical reaction including how different types of energy influence the reaction given the PES.

CHEM 565 - Introduction to Quantum Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
565

Teaching Area
CHEM

Course Title
Introduction to Quantum Chemistry

Course Description
Introduction to physical and mathematical aspects of quantum theory, emphasizing application of the Schrodinger wave equation to chemical systems.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 467 - Physical Chemistry for Engineers

Learning Outcomes

Title
Outcome 1

Tags
203937, 1

Learning Outcome
Write and solve the Schrödinger equation in 1, 2 or 3 dimensions for 1, 2, or N particles for typical model problems and describe the meaning and significance of the solutions.

Title
Outcome 2

Tags
203938, 2

Learning Outcome
Interpret the wavefunctions in #1 by calculating probability in a region, expectation values and matrix elements of Hermitian operators corresponding to physical observables.

Title
Outcome 3

Tags
203939, 3

Learning Outcome
Use as necessary to solve problems: commutators of operators, basis set expansions, perturbation theory (degenerate and nondegenerate) and the variational principle.

Title
Outcome 4

Tags
203940, 4

Learning Outcome
Describe how the Hartree-Fock SCF method works and use Slater determinants of spin and spatial eigenfunctions to build anti-symmetric atomic wavefunctions

CHEM 567 - Statistical Mechanics

Course Information

Teaching Area (new)
CHEM

Course Number
567

Teaching Area
CHEM

Course Title
Statistical Mechanics

Course Description
Introduction to classical and quantum statistical mechanics, including Boltzmann, Fermi-Dirac, and Bose-Einstein statistics. Applications of statistical thermodynamics to gases, liquids, and solids.

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 462 - Physical Chemistry 1
  AND CHEM 463 - Physical Chemistry 2

Recommended
Chem 565

Learning Outcomes

Title
Outcome 13

Tags
204026, 12

Learning Outcome
Obtain the radial distribution from the probability function for a system, from Monte Carlo calculations or molecular dynamics trajectories and evaluate system properties from the radial distribution function.

Title
Outcome 2

Tags
204039, 1

Learning Outcome
Use combinatorics to define probabilities in simple systems.

Title
Outcome 14

Tags
204046, 13

Learning Outcome
Use Monte Carlo and transfer matrix methods to study a system of interacting spins as a model of phase transitions.

Title
Outcome 11

Tags
204059, 10

Learning Outcome
Use the Metropolis Monte Carlo method to calculate statistical averages for a system. Know how to choose an efficient sampling method.

Title
Outcome 8

Tags
204064, 7

Learning Outcome
Explain the meaning, significance and range of applicability of these fundamentals: ergodic hypothesis, equipartition theorem, and Bose-Einstein condensation.

Title
Outcome 10

Tags
204076, 9

Learning Outcome
Apply statistical mechanical principles to simple crystals, blackbody radiation and imperfect gases.

Title
Outcome 9

Tags
204124, 8

Learning Outcome
Use statistical mechanical principles to describe chemical equilibrium constants.

Title
Outcome 6

Tags
204154, 5

Learning Outcome
Use proper statistics for classical particles and for quantum particles (bosons or fermions).

Title
Outcome 1

Tags
204164, 0

Learning Outcome
Use probability density functions to describe a system, and recognize simple probability functions and their properties including Gaussian (normal), binomial (or multinomial), and Poisson distributions.

Title
Outcome 5

Tags
204169, 4

Learning Outcome
Calculate the size of fluctuations of system properties and relate them to the number of particles in a system.

Title
Outcome 3

Tags
204189, 2

Learning Outcome
Describe how to choose a Gibbsian ensemble for calculation of system properties. Be able to recognize when the following ensembles are appropriate: microcanonical (N,V,E), canonical (N,V,T), grand canonical (V,T,m), isobaric-isothermal (N,T,P). Know how to construct the partition function in each case.

Title
Outcome 4

Tags
204192, 3

Learning Outcome
Calculate average system quantities and thermodynamic variables using the appropriate partition function.

Title
Outcome 12

Tags
204197, 11

Learning Outcome
Show how to use molecular dynamics to calculate statistical averages for a molecular system. Know when molecular dynamics is more appropriate than Monte Carlo methods. Know the advantages and disadvantages of common trajectory propagation algorithms.

Title
Outcome 7

Tags
204225, 6

Learning Outcome
Calculate canonical partition functions for translation, rotation, and harmonic vibration. Use them for applications and know when they don't apply.

CHEM 569 - Fundamentals of Spectroscopy

Course Information

Teaching Area (new)
CHEM

Course Number
569

Teaching Area
CHEM

Course Title
Fundamentals of Spectroscopy

Course Description
Atomic and molecular spectroscopy and application of group theoretical concepts. Types of experiments and interpretation of data.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- CHEM 462 - Physical Chemistry 1
  OR CHEM 467 - Physical Chemistry for Engineers
  OR CHEM 468 - Biophysical Chemistry

Learning Outcomes

Title
Outcome 1

Tags
203941, 1

Learning Outcome
Explain the electric and magnetic properties of radiation, molecules and bulk matter and solve problems related to these properties.

Title
Outcome 2

Tags
203942, 2

Learning Outcome
Solve time-dependent quantum mechanical problems and apply these solutions to spectroscopy where light is the time-dependent perturbation.

Title
Outcome 3

Tags
203943, 3

Learning Outcome
Explain angular momentum as possessed by atomic or molecular systems, various descriptions of how angular momentum can be coupled, and how conservation of angular momentum is important to spectroscopy.

Title
Outcome 4

Tags
203944, 4

Learning Outcome
Apply solutions of the Schrödinger equation for simple systems (particle in a box, rigid rotor, harmonic oscillator, etc) to real systems (vibrational, rotational, and electronic energy states) for use in determining the energy of stationary states.

Title
Outcome 5

Tags
203945, 5

Learning Outcome
Explain the origin of selection rules and derive electric and magnetic dipole, quadrupole, etc. selection rules for simple model quantum systems.

Title
Outcome 6

Tags
203946, 6

Learning Outcome
Use symmetry arguments, including group theory and parity, to simplify the interpretation and explanation of atomic and molecular spectra.

Title
Outcome 7

Tags
203947, 7

Learning Outcome
Use solutions to the model systems and the selection rules the predict spectra for atomic and molecular systems.

Title
Outcome 8

Tags
203948, 8

Learning Outcome
Fit experimentally obtained spectra to the mathematical models to obtain physical constants.

CHEM 571 - Polymer and Materials Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
571

Teaching Area
CHEM

Course Title
Polymer and Materials Chemistry

Course Description
Survey of synthetic and biopolymers, modern materials, and their chemistry, including synthesis, chemical and physical characterization, and applications.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Chem 352 or Chem 351M; Chem 462 or Chem 468.

CHEM 575 - X-ray Diffraction Theory & Practice

Course Information

Teaching Area (new)
CHEM

Course Number
575

Teaching Area
CHEM

Course Title
X-ray Diffraction Theory & Practice

Course Description
This course will explore how X-rays can be used to characterize the atomic structure of solid, crystalline materials. Students will learn the fundamental concepts of crystallography and will gain practical, hands-on experience with both single crystal (SC-XRD) and powder (P-XRD) diffraction techniques.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- CHEM 201 - Chemical Handling and Safe Laboratory Practices **AND** CHEM 601 - Safe Chemical Practices

Recommended
Students are strongly encouraged to have a working knowledge of college level chemistry, physics, and math. This means a student should have completed Chem 111/112 (or equivalent such as Chem 105/106), Phscs 121/123 (or equivalent such as Phscs 105/106), college algebra (Math 110 or equivalent) and calculus (Math 112/113).

CHEM 581 - Advanced Biochemical Methodology 1

Course Information

Teaching Area (new)
CHEM

Course Number
581

Teaching Area
CHEM

Course Title
Advanced Biochemical Methodology 1

Course Description
Analytical and structural determination methods used in biochemical research, including mass spectrometry-based proteomics, immunotechniques, atomic force and electron microscopy, NMR and X-ray diffraction.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 482 - Mechanisms of Molecular Biology

Note
One of two required courses for biochemistry graduate students. May be taken before or after Chem 583.

Learning Outcomes

Tags
204032, 3

Learning Outcome
Recognize important technological advances in proteomic, immunological and structural methods.

Tags
204085, 1

Learning Outcome
Interpret and critique data from these techniques.

Tags
204156, 4

Learning Outcome
Present findings from the primary literature describing the application of these methods to significant biochemical questions in a professional manner.

Tags
204160, 0

Learning Outcome
Understand the theory, instrumentation and applications of proteomic, immunological and structural methods currently used to address important biochemical questions.

Tags
204194, 2

Learning Outcome
Design appropriate experiments and apply these techniques to their own research problems.

CHEM 583 - Advanced Biochemical Methodology 2

Course Information

Teaching Area (new)
CHEM

Course Number
583

Teaching Area
CHEM

Course Title
Advanced Biochemical Methodology 2

Course Description
Maintenance and expression of genetic information, the role of nucleic acids in biology at the chemical and structural level, and methods to study and control nucleic acid function as a means of solving biological problems.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 482 - Mechanisms of Molecular Biology

Note
One of two required courses for biochemistry graduate students. May be taken before or after Chem 581.

Learning Outcomes

Tags
203998, 1

Learning Outcome
Understand methods for studying the structure and function of nucleic acids and methods for manipulating gene expression in living systems.

Tags
204071, 4

Learning Outcome
Design appropriate experiments and apply the techniques of nucleic acid biochemistry to their own research problems.

Tags
204114, 3

Learning Outcome
Communicate this understanding in both oral and written formats. [

Tags
204188, 2

Learning Outcome
Interpret and critique data obtained using these methods as reported in the primary scientific literature.

Tags
204193, 0

Learning Outcome
Describe how genetic information is stably maintained, how it is expressed, and how that expression is regulated, with an emphasis on the mechanism by which molecular machines perform these processes.

CHEM 584 - Advanced Biochemistry Methods 1

Course Information

Teaching Area (new)
CHEM

Course Number
584

Teaching Area
CHEM

Course Title
Advanced Biochemistry Methods 1

Course Description
Introduction to current biochemical research methods, techniques, and instrumentation directed toward the isolation and characterization of DNA, RNA, and proteins including, DNA cloning, protein expression, enzyme kinetics, and nucleic acid and protein ligand interactions.

Department
Chemistry and Biochemistry

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:

- CHEM 227 - Principles of Chemical Analysis
  AND CHEM 381 - Fundamentals of Biochemistry
  AND CHEM 384 - Biochemistry Methods

OR

Complete ALL of the following Courses:

- CHEM 227 - Principles of Chemical Analysis **AND** CHEM 384 - Biochemistry Methods **AND** CHEM 481 - Biochemistry.

Note

Completion of Chem 601 in place of Chem 201 is satisfactory.

Learning Outcomes

Learning Outcome
Apply nucleic acid techniques to isolate, purify, characterize, manipulate, amplify and express DNA and/or RNA in prokaryotic systems.

Learning Outcome
Characterize and manipulate proteins obtained from gene expression in prokaryotic organisms.

Learning Outcome
Communicate in written and verbal forms the methods and results of experimentation. Provide sufficient explanation of experimental techniques and approaches to enable others to repeat experiments and verify results.

Learning Outcome
Utilize available resources (e.g., online, manufacturer's protocols) to plan, execute, and troubleshoot experimental approaches.

CHEM 586 - Advanced Biochemistry Methods 2

Course Information

Teaching Area (new)
CHEM

Course Number
586

Teaching Area
CHEM

Course Title
Advanced Biochemistry Methods 2

Course Description
Continued development of expertise in and the application of biochemical research methods, techniques, and instrumentation building on the skills and experience gained in Chem 584 including, the design and carrying out of directed group research projects.

Department
Chemistry and Biochemistry

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 584 - Advanced Biochemistry Methods 1

Learning Outcomes

Title
Design and execute experiments with nucleic acids using eukaryotic organisms.

Tags
204272, 1

Learning Outcome
Apply nucleic acid techniques to isolate, purify, characterize, manipulate, amplify and express DNA and/or RNA in eukaryotic systems

Title
Design and execute experiments with proteins derived from gene expression in eukaryotes

Tags
204273, 2

Learning Outcome
Characterize and manipulate proteins obtained from gene expression in eukaryotic organisms.

Title
Clearly communicate research approaches and data.

Tags
204274, 3

Learning Outcome
Communicate in written and verbal forms the methods and results of experimentation. Provide sufficient explanation of experimental techniques and approaches to enable others to repeat experiments and verify results.

Title
Demonstrate the ability to use existing resources to address research questions.

Tags
204275, 4

Learning Outcome
Utilize available resources (e.g., online, manufacturer's protocols) to plan, execute, and troubleshoot experimental approaches.

CHEM 594R - General Seminar

Course Information

Teaching Area (new)
CHEM

Course Number
594R

Teaching Area
CHEM

Course Title
General Seminar

Course Description
Research topics presented by faculty and visiting scientists.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Required one semester in residence of all senior BS majors in chemistry and biochemistry. Seminars are typically scheduled at 4:00 pm *any day of the week*. Check the seminar schedule at chem.byu.edu for current schedule and updates. Attendance at a minimum of 10 seminars is required.

Learning Outcomes

Title
Current Research

Tags
203949, 1

Learning Outcome
Become familiar with a variety of current research areas by listening to numerous visiting researchers describe their recent research results.

Title
Prepare for Seminar Presentations

Tags
203950, 2

Learning Outcome
Prepare for seminar presentations by reading literature articles written by visiting speakers before attending the presentation.

Title
Science-Writing Skills

Tags
203951, 3

Learning Outcome
Improve science-writing skills by writing summaries of research papers.

Title
Note Taking Skills

Tags
203952, 4

Learning Outcome
Take notes in presentations attended to record thoughts and ideas for future reference.

CHEM 596R - Special Topics in Chemistry

Course Information

Teaching Area (new)
CHEM

Course Number
596R

Teaching Area
CHEM

Course Title
Special Topics in Chemistry

Department
Chemistry and Biochemistry

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Special topics in Chemistry - 500 level

Tags
204236, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

Title
596R - Atmospheric Chem

Tags
204235, 1

Learning Outcome
Students will demonstrate knowledge in atmospheric chemistry.

CHIN 101 - Beginning Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
101

Teaching Area
CHIN

Course Title
Beginning Mandarin

Course Description
Basic grammar, vocabulary building, speaking.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Effective Writing

Tags
189509, 1

Learning Outcome
Write short paragraphs, notes and similar texts at the ACTFL novice low level. (See Chinese major learning outcome 2)

Title
Practices and Conventions

Tags
189510, 2

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions. (See Chinese major learning outcome 3)

Title
Speaking and Understanding

Tags
189511, 3

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL novice mid level. (See Chinese major learning outcome 1)

Title
Effective Listening

Tags
189512, 4

Learning Outcome
Listen to conversations, dialogs, and live interaction at the ACTFL novice mid level. (See Chinese major learning outcome 1)

CHIN 102 - Beginning Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
102

Teaching Area
CHIN

Course Title
Beginning Mandarin

Course Description
Continuation of CHIN 101.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Other Prerequisites
Recommended CHIN 101 or equivalent

Learning Outcomes

Title
Effective Listening

Tags
189513, 1

Learning Outcome
Listen to conversations, dialogs, and live interaction at the ACTFL novice high level. (See Chinese major learning outcome 1).

Title
Speaking and Understanding

Tags
189514, 2

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL novice high level. (See Chinese major learning outcome 1).

Title
Effective Writing

Tags
189515, 3

Learning Outcome
Write short paragraphs, notes, and similar texts at the ACTFL novice mid level. (See Chinese major learning outcome 2).

Title
Practices and Conventions

Tags
189516, 4

Learning Outcome
Demonstrate a basic understanding of a variety of Chinese cultural practices and communicative conventions. (See Chinese major learning outcome 3)

CHIN 112 - Beginning Chinese Reading

Course Information

Teaching Area (new)
CHIN

Course Number
112

Teaching Area
CHIN

Course Title
Beginning Chinese Reading

Course Description
Chinese writing system, reading, and basic composition using Chinese characters.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Summer

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Equivalent of one year spoken Mandarin skills.

Learning Outcomes

Title
Speaking and Understanding

Tags
189518, 2

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Etymology

Tags
189519, 3

Learning Outcome
Understand the structure and composition of Chinese characters and beginning level etymology. (See Chinese major learning outcome 2)

Title
Effective Writing

Tags
189517, 0, 1

Learning Outcome
Write short paragraphs, journal entries, notes, and similar texts at the ACTFL novice-mid level. (See Chinese major learning outcome 2)

Title
Effective Reading

Tags
211216, 0, 4

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL novice-high level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

CHIN 200R - Chinese Calligraphy

Course Information

Teaching Area (new)
CHIN

Course Number
200R

Teaching Area
CHIN

Course Title
Chinese Calligraphy

Course Description
Training in the art of writing Chinese characters with a brush.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Chin 101 or equivalent

Learning Outcomes

Title
Write basic Chinese characters using calligraphy

Tags
189520, 1

Learning Outcome
Write basic Chinese characters using one or more of the writing styles of Chinese calligraphy (see Chinese major expected learning outcome 3).

Title
Explain the importance of Chinese calligraphy

Tags
189521, 2

Learning Outcome
Explain the importance of Chinese calligraphy in Chinese culture and civilization (see Chinese major expected learning outcome 3).

CHIN 201 - Intermediate Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
201

Teaching Area
CHIN

Course Title
Intermediate Mandarin

Course Description
Advanced grammar, the writing system, reading and writing, speaking.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Recommended
CHIN 102

Learning Outcomes

Title
Cultural Practices

Tags
189522, 4

Learning Outcome
Demonstrate an introductory level understanding of Chinese cultural practices. (See Chinese major learning outcome 3)

Title
Speaking and Understanding

Tags
189773, 1

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL intermediate-low level. (See Chinese major learning outcome 1)

Title
Listening Comprehension

Tags
189774, 2

Learning Outcome
Understand conversations and dialogs at the ACTFL intermediate-low level. (See Chinese major learning outcome 1)

Title
Effective Writing

Tags
189779, 3

Learning Outcome
Write short essays, journal entries, and notes at the ACTFL novie-high level. (See Chinese major learning outcome 2)

Title
Effective Reading

Tags
211217, 0, 5

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL intermediate-mid level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

CHIN 202 - Intermediate Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
202

Teaching Area
CHIN

Course Title
Intermediate Mandarin

Course Description
Advanced grammar, the writing system, reading and writing, speaking, and listening.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 201 - Intermediate Mandarin

Learning Outcomes

Title
Social Practices and Behavior

Tags
189366, 4

Learning Outcome
Demonstrate a fundamental understanding of Chinese social practices as well as linguistically and culturally appropriate behavior. (See Chinese major learning outcome 3)

Title
Listening Comprehension

Tags
189772, 2

Learning Outcome
Understand conversations and dialogs at the ACTFL intermediate-high level. (See Chinese major learning outcome 1)

Title
Effective Reading

Tags
211212, 0, 5

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL intermediate-high level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

Title
Speaking and Understanding

Tags
189771, 0, 1

Learning Outcome
Speak and understand Mandarin Chinese at the ACTFL intermediate-high level. (See Chinese major learning outcome 1)

Title
Effective Writing

Tags
189778, 0, 3

Learning Outcome
Write short essays, journal entries, and notes at the ACTFL intermediate-mid level. (See Chinese major learning outcome 2)

CHIN 211R - Intermediate Conversation

Course Information

Teaching Area (new)
CHIN

Course Number
211R

Teaching Area
CHIN

Course Title
Intermediate Conversation

Course Description
Emphasis on fluency and vocabulary building.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 102 - Beginning Mandarin

Learning Outcomes

Title
Speaking and Understanding

Tags
189523, 1

Learning Outcome
Speak Mandarin Chinese at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Listening Comprehension

Tags
189524, 2

Learning Outcome
Understand conversations and dialogs at the ACTFL intermediate low level. (See Chinese major learning outcome 1)

Title
Practices and Interactions

Tags
189525, 3

Learning Outcome
Demonstrate an introductory level understanding of Chinese cultural practices and appropriate social interactions. (See Chinese major learning outcome 3)

CHIN 301 - Third-Year Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
301

Teaching Area
CHIN

Course Title
Third-Year Mandarin

Course Description
Discourse grammar, advanced reading.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 202 - Intermediate Mandarin

Learning Outcomes

Title
Comprehending Non-Technical Spoken Mandarin

Tags
189367, 1

Learning Outcome
Comprehend non-technical spoken Mandarin in controlled contexts at the ACTFL advanced-low level. (See Chinese major learning outcome 1)

Title
Understanding Chinese Culture and Society

Tags
189368, 5

Learning Outcome
Demonstrate an understanding of Chinese cultural features as well as contemporary Chinese society. (See Chinese major expected learning outcome 3)

Title
Reading Informal and Easy Formal Texts

Tags
189768, 3

Learning Outcome
Read a variety of informal and easy formal texts at the ACTFL advanced-low level, demonstrating the ability to summarize, skim, scan texts and guess unknown words from context. (See Chinese major learning outcome 2)

Title
Speaking Mandarin Chinese

Tags
189780, 0, 2

Learning Outcome
Speak Mandarin Chinese at the ACTFL advanced-low level, demonstrating the ability to defend a point of view, narrate events, and give a basic presentation. (See Chinese major learning outcome 1)

Title
Writing Notes, Correspondence, and Short Essays

Tags
189777, 0, 4

Learning Outcome
Write notes, correspondence, and short essays at the ACTFL intermediate-high level. (See Chinese major expected learning outcome 2)

CHIN 302 - Third-Year Mandarin

Course Information

Teaching Area (new)
CHIN

Course Number
302

Teaching Area
CHIN

Course Title
Third-Year Mandarin

Course Description
Advanced-level Mandarin skills, especially media discourse and reading.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 301 - Third-Year Mandarin

Learning Outcomes

Title
Reading Journalistic Texts

Tags
189770, 0, 2, 2021-08-30 18:33:57

Learning Outcome
Read journalistic texts at the ACTFL advanced-mid level, demonstrating the ability to both skim and scan texts as well as read for details. (See Chinese major learning outcome 2)

Title
Summarizing, Writing, and Translating

Tags
189781, 0, 3, 2021-08-30 18:33:57

Learning Outcome
Summarize news stories, express personal insights, and write and translate descriptive reports in formal written Chinese at the ACTFL intermediate-high level and in spoken Chinese at the advanced-low level. (See Chinese major learning outcome 2)

Title
Understanding Discourse

Tags
189369, 0, 4, 2021-08-30 18:33:57

Learning Outcome
Understand the structure of Chinese media discourse, including grammar and stylistics, within the Chinese cultural context. (See Chinese major learning outcome 3)

Title
Listening Comprehension and Speaking Proficiency

Tags
189769, 0, 1, 2021-08-30 18:33:57

Learning Outcome
Understand the main points of spoken Chinese on television and radio news broadcasts at the ACTFL advanced-mid level. (See Chinese major learning outcome 1). Speak Mandarin Chinese at the ACTFL advanced-mid level, demonstrating the ability to defend a point of view, narrate events, and give a basic presentation. (See Chinese major learning outcome 1)

CHIN 311R - Advanced Conversation

Course Information

Teaching Area (new)
CHIN

Course Number
311R

Teaching Area
CHIN

Course Title
Advanced Conversation

Course Description
Emphasis on sophisication of speech.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
1

Max:
2

Lecture Hours

Min:
1

Max:
2

Lab Hours

Fixed:
1

Other Prerequisites
Chin 202 or equivalent.

Learning Outcomes

Title
Listening Comprehension

Tags
189370, 1

Learning Outcome
Understand conversations and dialogs at the ACTFL advanced mid level. (See Chinese major learning outcome 1)

Title
Speaking Chinese

Tags
189371, 2

Learning Outcome
Speak Chinese at the ACTFL advanced low level (See Chinese major learning outcome 1)

Title
Practices and Interactions

Tags
189372, 3

Learning Outcome
Demonstrate an intermediate level understanding of Chinese cultural practices and appropriate social interactions. (See Chinese major learning outcome 3)

CHIN 321 - Selected Readings of Modern Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
321

Teaching Area
CHIN

Course Title
Selected Readings of Modern Chinese

Course Description
Complements overall language competency through reading modern texts selected from a wide range of styles and genres.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 302 - Third-Year Mandarin

Learning Outcomes

Title
Chinese Culture

Tags
189374, 3

Learning Outcome
Analyze and discuss Chinese culture and how it influences Chinese language and literature. (See Chinese major learning outcome 3)

Title
Discussing Chinese Literary Genres

Tags
189763, 0, 1

Learning Outcome
Discuss Chinese literary genres, works, and authors in their social, historical, and religious contexts, demonstrating the ability to argue and support supporting and opposing points of view in both formal written Chinese at the ACTFL advanced-low level and in spoken Chinese at the ACTFL advanced-mid level. (See Chinese major learning outcomes 1 and 3)

Title
Reading and Comprehending Selected Texts

Tags
189373, 0, 2

Learning Outcome
Read and comprehend selected texts in modern literary Chinese at the ACTFL advanced-mid level, demonstrating a knowledge of key grammatical patterns. (See Chinese major learning outcome 2)

CHIN 322 - Selected Readings of Modern Chinese.

Course Information

Teaching Area (new)
CHIN

Course Number
322

Teaching Area
CHIN

Course Title
Selected Readings of Modern Chinese.

Course Description
Complements overall language competency through reading modern texts selected from a wide range of styles and genres.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 302 - Third-Year Mandarin

Learning Outcomes

Title
Reading Skills

Tags
189375, 2

Learning Outcome
Read a variety of formal and informal genres of writing at the ACTFL advanced-mid level. (See Chinese major learning outcome 2)

Title
Writing Conventions

Tags
189764, 1

Learning Outcome
Write notes, routine social correspondence, and short essays at the ACTFL advanced-low level while demonstrating an awareness of formal Chinese writing conventions. (See Chinese major learning outcome 2)

Title
Research Paper

Tags
189765, 3

Learning Outcome
Write essays and research papers in Chinese at the ACTFL advanced-low level, demonstrating the ability to express personal experiences and opinions as well as well-documented and well-argued research. (See Chinese major learning outcome 2)

Title
Formal Letters

Tags
189766, 4

Learning Outcome
Write formal letters related to school and employment at the ACTFL advanced-low level. (See Chinese major learning outcome 2)

Title
Narratives and Descriptions

Tags
189767, 5

Learning Outcome
Write narratives and descriptions at the ACTFL advanced-low level while demonstrating an awareness of formal Chinese writing conventions. (See Chinese major learning outcome 2)

CHIN 325 - Structure of Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
325

Teaching Area
CHIN

Course Title
Structure of Chinese

Course Description
Sound, syntax, meaning, and word structure of Mandarin Chinese and its implications to problems of learning Chinese.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 202 - Intermediate Mandarin

Learning Outcomes

Title
In depth Knowledge of Chinese

Tags
189376, 1

Learning Outcome
Demonstrate an in depth knowledge of the structure of Modern Standard Chinese, including its sound system, syntax, discourse structure, and morphology (see Chinese major expected learning outcome 3).

Title
Relate Language to Social Context

Tags
189377, 2

Learning Outcome
Relate the language to its social context (see Chinese major expected learning outcome 3).

Title
Analyze Language Errors

Tags
189378, 3

Learning Outcome
Analyze learner errors in order to resolve problems in ones own spoken and written Mandarin (see Chinese major expected learning outcomes 1 and 2).

Title
Research, Writing and Presentation Skills

Tags
189379, 4

Learning Outcome
Research, write, and present short reports on aspects of the Chinese language.

CHIN 326 - Introduction to Chinese Linguistics

Course Information

Teaching Area (new)
CHIN

Course Number
326

Teaching Area
CHIN

Course Title
Introduction to Chinese Linguistics

Course Description
Dialectology, phonology, syntax, semantics, discourse, morphology, and sociolinguistics.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 202 - Intermediate Mandarin

Learning Outcomes

Title
Culturally Contextualize Chinese Language

Tags
189380, 1

Learning Outcome
Put the Chinese language into its broader historical and geographic context (see Chinese major expected learning outcome 3).

Title
Structure of Modern Chinese

Tags
189381, 2

Learning Outcome
Demonstrate an understanding of the major components of structure of Modern Chinese (see Chinese major expected learning outcomes 1-3).

Title
Understand Chinese Language Variation

Tags
189382, 3

Learning Outcome
Show an understanding of variation in the Chinese language and its implications in high level communication contexts

Title
Knowledge of Chinese Dialects

Tags
189383, 4

Learning Outcome
Demonstrate a general knowledge of the dialects of Chinese and how they relate to one another (see Chinese major expected learning outcome 3).

Title
Research, Writing and Presentation Skills

Tags
189384, 5

Learning Outcome
Research, write, and present short reports on aspects of the Chinese language.

CHIN 327 - Chinese Translation and Interpretation

Course Information

Teaching Area (new)
CHIN

Course Number
327

Teaching Area
CHIN

Course Title
Chinese Translation and Interpretation

Course Description
Translation techniques, with practice in oral and written translation either from Chinese to English or from English to Chinese.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 301 - Third-Year Mandarin

Learning Outcomes

Title
Put Chinese language in context

Tags
189385, 1

Learning Outcome
Put the Chinese language into its broader historical and geographic context (see Chinese major expected learning outcome 3).

Title
Use translation terminology

Tags
189386, 2

Learning Outcome
Utilize basic vocabulary of translation theory.

Title
Explain translation practice

Tags
189387, 3

Learning Outcome
Explain the development of translation practice in China (see Chinese major expected learning outcome 3).

CHIN 342 - Chinese Film in Translation

Course Information

Teaching Area (new)
CHIN

Course Number
342

Teaching Area
CHIN

Course Title
Chinese Film in Translation

Course Description
Survey course covering the silent era to the present, including selections from Republican China, the People's Republic of China, Taiwan, and Hong Kong.

Department
Asian and Near Eastern Languages

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Chinese Film and its Ties to Culture

Tags
189668, 0, 1

Learning Outcome
Analyze and discuss Chinese language films from China, Taiwan, and Hong Kong and their relations to modern and traditional Chinese culture

Title
Film Terminology and Frameworks

Tags
211041, 0, 2

Learning Outcome
Acquire and apply knowledge of cinematic terminology and frameworks for filmic analysis

Title
Write Coherently and Cohesively

Tags
211042, 0, 3

Learning Outcome
Write short writing reflections, film analyses, and essays coherently and cohesively

CHIN 343 - Chinese Literature in Translation--Poetry.

Course Information

Teaching Area (new)
CHIN

Course Number
343

Teaching Area
CHIN

Course Title
Chinese Literature in Translation--Poetry.

Course Description
All readings in English; topics vary.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Outline Facts of Chinese Poetry

Tags
189388, 1

Learning Outcome
Outline the basic facts of early Chinese poetry: authors, genres, titles (see Chinese major expected learning outcome 3).

Title
Analyze and Appreciate Chinese Literature

Tags
189389, 2

Learning Outcome
Utilize the basic approaches to analyzing and appreciating literature (see Chinese major expected learning outcome 3).

Title
Write Clear and Convincing Prose

Tags
189390, 3

Learning Outcome
Write clear, convincing prose, and understand the basics of proper formatting and documentation for scholarly prose.

CHIN 344 - Chinese Literature in Translation--Prose

Course Information

Teaching Area (new)
CHIN

Course Number
344

Teaching Area
CHIN

Course Title
Chinese Literature in Translation--Prose

Course Description
All readings in English; topics vary.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Terminology and Frameworks

Tags
189391, 1

Learning Outcome
Acquire and apply knowledge of literary terminology and frameworks for literary analysis (see Chinese major expected learning outcome 3).

Title
Chinese Literature and its Ties to Culture

Tags
189392, 2

Learning Outcome
Analyze and discuss classical and modern Chinese narrative literature and its relations to Chinese cultural traditions (see Chinese major expected learning outcome 3).

Title
Write Coherently and Cohesively

Tags
189393, 3

Learning Outcome
Write coherently and cohesively in English.

CHIN 345R - Chinese Culture

Course Information

Teaching Area (new)
CHIN

Course Number
345R

Teaching Area
CHIN

Course Title
Chinese Culture

Course Description
Selected topics in traditional, modern, and contemporary Chinese culture.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Demonstrate cultural literacy

Tags
189394, 1

Learning Outcome
Demonstrate cultural literacy of the foundations of Chinese civilization: geography, history, philosophy, thought, political systems and social structures (see Chinese major expected learning outcome 3).

Title
Explain how cultural factors shape allied disciplines

Tags
189395, 2

Learning Outcome
Explain how cultural factors and institutions have shaped and continue to shape allied disciplines in Chinese studies including language, literature, linguistics, and the visual arts (see Chinese major expected learning outcome 3).

Title
Write coherently in English

Tags
189396, 3

Learning Outcome
Write coherently and cohesively in English.

CHIN 346 - Introduction to Chinese Philosophy

Course Information

Teaching Area (new)
CHIN

Course Number
346

Teaching Area
CHIN

Course Title
Introduction to Chinese Philosophy

Course Description
Introduction to native Chinese philosophies of Confucianism and Taoism. Readings in translation of *Lun-yu, Meng-tsu, Lao-tzu,* and *Chuang-tzu.* Themes include self, society, and cosmos.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Summarize facts, figures, and dates

Tags
189398, 1

Learning Outcome
Summarize the important facts, figures, and dates relevant to early Chinese philosophy (see Chinese major expected learning outcome 3).

Title
Outline major schools of Chinese philosophy

Tags
189399, 2

Learning Outcome
Explain the broad outlines of the major schools of Confucianism, Mohism, Daoism, and Legalism, and understand their roles in the development of Chinese society and thought (see Chinese major expected learning outcome 3).

Title
Formulate philosophical questions

Tags
189400, 3

Learning Outcome
Formulate philosophical questions.

Title
Write clear prose

Tags
189401, 4

Learning Outcome
Write clear, convincing prose, and understand the basics of proper formatting and documentation for scholarly prose.

CHIN 347 - Business Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
347

Teaching Area
CHIN

Course Title
Business Chinese

Course Description
Introduction to terminology and format of business communication in Chinese, emphasizing both reading and writing of various forms of business communication.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Chin 301 or instructor's consent.

Learning Outcomes

Title
Communicate effectively

Tags
189402, 1

Learning Outcome
Communicate orally in Modern Standard Chinese at the intermediate high level on business-related topics (see Chinese major expected learning outcome 1).

Title
Write business texts

Tags
189403, 2

Learning Outcome
Write notes, correspondence, and other short business texts at the ACTFL intermediate low level. (see Chinese major expected learning outcome 2).

Title
Apply linguistic and cultural knowledge

Tags
189404, 3

Learning Outcome
Apply knowledge of Chinese language and culture to real life business and daily life situations in a linguistically, socially, and culturally appropriate ways (see Chinese major expected learning outcome 3).

CHIN 377 - Chinese Language Teaching Procedures

Course Information

Teaching Area (new)
CHIN

Course Number
377

Teaching Area
CHIN

Course Title
Chinese Language Teaching Procedures

Course Description
Acquiring knowledge and skills specific to teaching Chinese as a foreign language. Conducted in Chinese and English.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Chin 301 or instructor's consent

Learning Outcomes

Title
Teaching

Tags
189405, 1

Learning Outcome
Students will prepare lesson plans and implement their plans in teaching demonstrations (see Chinese major expected learning outcome 3).

Title
Evaluate and develop language teaching materials

Tags
189406, 2

Learning Outcome
Learn to critically evaluate existing language materials and teaching methods, develop an understanding of curriculum design and materials development, and develop effective teaching materials (see Chinese major expected learning outcome 3).

Title
Demonstrate knowledge of teaching four language skills

Tags
189407, 3

Learning Outcome
Demonstrate an understanding of the basic principles and methods of teaching the four language skills: listening, speaking, reading, and writing, within a cultural context (see Chinese major expected learning outcomes 1-3).

Title
Apply basic theories and methods of instruction

Tags
189408, 4

Learning Outcome
Apply a knowledge of basic theories and methodologies for teaching a foreign language including being able to use a performance-based approach for teaching Chinese (see Chinese major expected learning outcome 3).

CHIN 399R - Academic Internship

Course Information

Teaching Area (new)
CHIN

Course Number
399R

Teaching Area
CHIN

Course Title
Academic Internship

Course Description
On-the-job cultural and/or language experience.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 202 - Intermediate Mandarin

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Increase Chinese language proficiency

Tags
189409, 1

Learning Outcome
Increase proficiency in Chinese speaking, listening, reading, and/or writing through participating in an internship (see Chinese major expected learning outcomes 1 and 2).

Title
Apply Cultural Knowledge

Tags
189410, 2

Learning Outcome
Apply knowledge of Chinese culture in a professional work setting (see Chinese major expected learning outcome 3).

CHIN 411 - Speaking and Listening Mastery

Course Information

Teaching Area (new)
CHIN

Course Number
411

Teaching Area
CHIN

Course Title
Speaking and Listening Mastery

Course Description
Developing effective higher-level speaking and listening skills for social, cultural, academic, and professional contexts.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 302 - Third-Year Mandarin

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Listening Comprehension

Tags
189831, 1

Learning Outcome
Understand the main points of spoken Chinese in video or audio clips at the ACTFL advanced mid level. (Chinese major learning outcome 1)

Title
Oral Proficiency

Tags
189832, 2

Learning Outcome
Speak Mandarin Chinese at the ACTFL (American Council on the Teaching of Foreign Languages) advanced-high level in linguistically, socially, and culturally appropriate ways for professional contexts (Chinese major learning outcome 1, direct measures 1 and 7).

CHIN 441 - Classical and Literary Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
441

Teaching Area
CHIN

Course Title
Classical and Literary Chinese

Course Description
Introduction to syntax and stylistic patterns.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Chin 301 or equivalent

Learning Outcomes

Title
Explain Grammatical Usage

Tags
189411, 1

Learning Outcome
Explain the use of the common grammatical particles and patterns essential in mastering the intricacies and subtleties of "classical" Chinese prose (see Chinese major expected learning outcome 3).

Title
Classical Chinese Vocabulary

Tags
189412, 2

Learning Outcome
Discuss and apply the meanings and usages of the standard vocabulary of classical Chinese (see Chinese major expected learning outcome 3).

Title
Early Chinese Thought

Tags
189413, 3

Learning Outcome
Summarize the thought of each important early thinker (see Chinese major expected learning outcome 3).

CHIN 442 - Classical and Literary Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
442

Teaching Area
CHIN

Course Title
Classical and Literary Chinese

Course Description
Introduction to syntax and stylistic patterns.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 441 - Classical and Literary Chinese

Learning Outcomes

Title
Read Documentary Chinese Prose

Tags
189414, 1

Learning Outcome
Read, analyze, and discuss documentary Chinese prose (see Chinese major expected learning outcome 3).

Title
Compare Literary Styles and Discuss Chinese Culture

Tags
189415, 2

Learning Outcome
Compare and contrast the literary craftsmanship exhibited by the writers of documentary Chinese and discuss traditional Chinese history, literature, and religion (see Chinese major expected learning outcome 3).

Title
Continue Learning Classical Chinese Grammar

Tags
189416, 3

Learning Outcome
Explain the use of the basic grammatical particles introduced in Chin 441, learn some more advanced ones, and practice using them in new contexts (see Chinese major expected learning outcome 3).

CHIN 443 - Modern Chinese Literature

Course Information

Teaching Area (new)
CHIN

Course Number
443

Teaching Area
CHIN

Course Title
Modern Chinese Literature

Course Description
Authors, themes, and writing styles of the period 1915--1949. Texts in Chinese.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Chin 321 or 322.

Learning Outcomes

Title
Read Modern Chinese Literature

Tags
189417, 1

Learning Outcome
Read, analyze, and discuss Chinese literary texts from the modern (1900-1949) period in Chinese (see Chinese major expected learning outcomes 2 and 3).

Title
Discuss Chinese Literature in Chinese

Tags
189418, 2

Learning Outcome
Discuss modern Chinese literary texts in Chinese with fluency and increasing sophistication, demonstrating facility for expressing subjective judgments on literature and other abstract topics in Chinese (see Chinese major expected learning outcomes 1-3).

Title
Analyze Modern Chinese Literature in its Cultural Context

Tags
189419, 3

Learning Outcome
Analyze and discuss modern Chinese literary genres, works and authors in their social, historical, and religious contexts (see Chinese major expected learning outcome 3).

CHIN 444 - Contemporary Chinese Literature

Course Information

Teaching Area (new)
CHIN

Course Number
444

Teaching Area
CHIN

Course Title
Contemporary Chinese Literature

Course Description
Contemporary literature of Taiwan and the PRC. Texts in Chinese.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Chin 321 or 322.

Learning Outcomes

Title
Read Contemporary Chinese Literature

Tags
189420, 1

Learning Outcome
Read, analyze, and write about Chinese literary texts from the contemporary (1949-present) period in Chinese (see Chinese major expected learning outcomes 2 and 3).

Title
Discuss Contemporary Chinese Literature

Tags
189421, 2

Learning Outcome
Discuss contemporary Chinese literary texts in Chinese with fluency and increasing sophistication, demonstrating facility for expressing subjective judgments on literature and other abstract topics in Chinese (see Chinese major expected learning outcomes 1 and 3).

Title
Analyze Cultural Context of Contemporary Literature

Tags
189422, 3

Learning Outcome
Analyze and discuss contemporary Chinese literary genres, works and authors in their social, historical, and religious contexts (see Chinese major expected learning outcome 3).

CHIN 445R - Chinese Poetry

Course Information

Teaching Area (new)
CHIN

Course Number
445R

Teaching Area
CHIN

Course Title
Chinese Poetry

Course Description
Readings in Chinese poetry. Topics vary from classical and modern poetry. Various themes and genres introduced, emphasizing shi poetry. Texts in Chinese.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHIN 343 - Chinese Literature in Translation--Poetry.
  AND CHIN 441 - Classical and Literary Chinese

Learning Outcomes

Title
Knowledge

Tags
189669, 1

Learning Outcome
Students will deepen their understanding of Chinese poetry.

CHIN 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
CHIN

Course Number
477R

Teaching Area
CHIN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

CHIN 490R - Individual Study in Chinese

Course Information

Teaching Area (new)
CHIN

Course Number
490R

Teaching Area
CHIN

Course Title
Individual Study in Chinese

Course Description
Assignments to fit individual needs of the advanced student.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Project approval by instructor.

Learning Outcomes

Title
Focused acquisition of knowledge

Tags
189423, 1

Learning Outcome
Students will concentrate on a specific topic of study and increase their knowledge of and ability to use language appropriate to that field (see Chinese major expected learning outcomes 1-3).

CHIN 495 - Senior Seminar for Majors

Course Information

Teaching Area (new)
CHIN

Course Number
495

Teaching Area
CHIN

Course Title
Senior Seminar for Majors

Course Description
Research methods in Chinese language sources. Paper required.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Advanced knowledge of Chinese.

Learning Outcomes

Title
Core Aspects of Chinese Civilization

Tags
189424, 1

Learning Outcome
Analyze and discuss core aspects of Chinese civilization including classical Chinese language and literature, modern and contemporary Chinese literature and film, Chinese culture, and/or the Chinese language. (See Chinese major learning outcome 3)

Title
Capstone Paper

Tags
189425, 2

Learning Outcome
Write a capstone paper or report that requires primary and secondary research using the Chinese language. (See Chinese major learning outcome 2 and 3)

Title
Seminar Presentations and Discussions

Tags
189640, 2

Learning Outcome
Give seminar presentations and participate in seminar discussions, thus demonstrating critical thinking and presentation skills.

Title
English Writing Skills

Tags
189642, 3

Learning Outcome
Demonstrate English writing skills by completing a seminar capstone paper, problem sets, short essays and/or other written work.

CHIN 599R - Academic Internship

Course Information

Teaching Area (new)
CHIN

Course Number
599R

Teaching Area
CHIN

Course Title
Academic Internship

Course Description
On-the-job cultural and/or language experience.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Coordinator's and department's consent

Learning Outcomes

Title
Demonstrate knowledge and skills

Tags
189670, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting.

CL CV 110 - Introduction to Greek and Roman Literature

Course Information

Teaching Area (new)
CL CV

Course Number
110

Teaching Area
CL CV

Course Title
Introduction to Greek and Roman Literature

Course Description
Homer's *Iliad*, Sophocles' *Oedipus the King*, Vergil's *Aeneid*, and other important works of the Greeks and Romans.

Department
Comparative Arts and Letters

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
All readings in English.

Learning Outcomes

Title
Principles and Practice of Literary Method

Tags
189863, 1

Learning Outcome
Successful students will begin to apply principles and practice of literary method with specific reference to ancient texts.

Title
Evaluating Texts

Tags
189864, 4

Learning Outcome
Students should be able to evaluate texts through close reading and express the results of this evaluation in essays.

Title
Ancient Literary Works

Tags
190642, 1

Learning Outcome
By studying Aristotle's Poetics and then analyzing subsequest readings in epic poetry, tragedy, and philosophy in light of the Aristotle's ancient literary criticism students will be able to begin reading Greek and Roman texts (in translation) with a uniquely ancient perspective. They will be able to better understand all ancient literary works.

Title
Literary History of Classical Literature

Tags
190643, 3

Learning Outcome
Students will begin to understand the literary history of Classical literature in the larger context of political and cultural history.

CL CV 201 - The Classical Tradition 1: Antiquity to the Renaissance

Course Information

Teaching Area (new)
CL CV

Course Number
201

Teaching Area
CL CV

Course Title
The Classical Tradition 1: Antiquity to the Renaissance

Course Description
Civilization from Greek and Roman antiquity to the Italian Renaissance, emphasizing Greco-Roman culture--its institutions, literature, arts, and ideas.

Department
Comparative Arts and Letters

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Learning Outcomes

Title
Precise Knowledge of Human Events

Tags
191204, 1

Learning Outcome
Successful students will demonstrate a precise knowledge of human events, ideas, and accomplishments generally recognized as formative in the history of civilization, with emphasis on contributions of Greek and Roman society.

Title
Broad General Understanding of Classical Tradition

Tags
191205, 2

Learning Outcome
Successful students will demonstrate a broad general understanding of the development of the classical tradition from Homer through the Italian Renaissance and the roles of individuals, peoples, and cultures in establishing the roots of western civilization.

Title
Appreciation of Representative Works

Tags
191206, 5

Learning Outcome
Successful students will appreciate representative works that have established idealized relationships of mankind to the divine, to one another, and to nature.

Title
Lifelong Engagement and Appreciation of Great Works

Tags
191207, 7

Learning Outcome
Successful students will evince preparation for lifelong engagement with and appreciation of great works of the classical tradition.

CL CV 202 - The Classical Tradition 2: Reformation to Modern

Course Information

Teaching Area (new)
CL CV

Course Number
202

Teaching Area
CL CV

Course Title
The Classical Tradition 2: Reformation to Modern

Course Description
Civilization from the Reformation to the twentieth century, emphasizing the heritage of Greco-Roman culture--its institutions, literature, arts, and ideas.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Precise Knowledge

Tags
190270, 1

Learning Outcome
Students will demonstrate a precise knowledge of human events, ideas, and accomplishments generally recognized as formative in the history of civilization, with focus primarily on the contributions of Greek and Roman society.

Title
Broad Understanding of Classical Tradition

Tags
190299, 0

Learning Outcome
Students will demonstrate a broad general understanding of the development of the classical tradition from the Northern Renaissance to the present day and the roles of individuals, peoples, and cultures in treating the rise of western civilization.

Title
Appreciate Representative Works

Tags
190469, 2

Learning Outcome
Students will appreciate representative works that have established idealized relationships of mankind to the divine, to one another, and to nature.

Title
Preparation for Lifelong Learning

Tags
190491, 3

Learning Outcome
Students will evince preparation for lifelong engagement with and appreciation of great works of the classical tradition.

CL CV 241 - Greek and Roman Mythology

Course Information

Teaching Area (new)
CL CV

Course Number
241

Teaching Area
CL CV

Course Title
Greek and Roman Mythology

Course Description
Greek and Roman gods, heroes, and myths, emphasizing literature but also giving attention to representations in the visual arts.

Department
Comparative Arts and Letters

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading and Writing

Tags
189866, 1

Learning Outcome
Through the reading and writing assignments successful students will develop skills in sound thinking and critical reading.

Title
Reading and Analyzing Greek and Roman Myths

Tags
189867, 2

Learning Outcome
Successful students will intelligently read and analyze various Greek and Roman myths in anthologies and in complete works - e.g. Homer's Odyssey, Aeschylus' Oresteia, Ovid's Metamorphoses, Eugene O'Neill's Morning Becomes Electra.

Title
Appreciation for the Aesthetics of Western Civilization

Tags
189868, 3

Learning Outcome
Students will develop an appreciation for the aesthetics of western civilization's most pervasive and seminal texts.

CL CV 245 - Golden Age of Greece

Course Information

Teaching Area (new)
CL CV

Course Number
245

Teaching Area
CL CV

Course Title
Golden Age of Greece

Course Description
History of Civilization, culture, and daily life of Greece as indicated through its literature, art, history, and archaeology.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
All readings in English.

Learning Outcomes

Title
Classical Greece and Western Cultural Development

Tags
189869, 1

Learning Outcome
Successful students will learn how Classical Greek literature, philosophy, warfare, religion, and art have influenced the development of later western culture.

Title
Greek Golden Age

Tags
189870, 2

Learning Outcome
Through the careful exploration of the humanities and history of the Greeks in their so-called Golden Age (fifth and fourth centuries BC) successful students will develop a greater understanding of Classical Greek culture, literature, and politics.

Title
Classical Text Critical Analysis

Tags
189871, 3

Learning Outcome
Successful students will develop a greater ability to evaluate a Clasical text (in translation) critically and intelligently.

CL CV 246 - Golden Age of Rome

Course Information

Teaching Area (new)
CL CV

Course Number
246

Teaching Area
CL CV

Course Title
Golden Age of Rome

Course Description
History of Civilization, culture, and daily life of Rome as indicated through its literature, art, history, and archaeology.

Department
Comparative Arts and Letters

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
All readings in English.

Learning Outcomes

Title
Classical Roman Culture, Literature, and Politics

Tags
189872, 1

Learning Outcome
Through the careful exploration of the humanities and history of the Romans in their so-called Golden Age (the Late Republic and the Augustan Age) successful students will develop a greater understanding of Classical Roman culture, literature, and politics.

Title
Roman Literature, Philosophy, Warfare, Religion, and Art

Tags
189873, 2

Learning Outcome
Successful students will learn how Roman literature, philosophy, warfare, religion, and art have influenced the development of later western culture.

Title
Evaluating Classical Texts

Tags
189874, 3

Learning Outcome
Successful students will develop a greater ability to evaluate a Classical text (in translation) critically and intelligently.

CL CV 261 - Greek and Roman Civilization and Literature in Film

Course Information

Teaching Area (new)
CL CV

Course Number
261

Teaching Area
CL CV

Course Title
Greek and Roman Civilization and Literature in Film

Course Description
Literature and civilization of ancient Greece and Rome as depicted in modern film with attendant problems of accuracy and historicity.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Classical Culture

Tags
190634, 1

Learning Outcome
Through the exploration of films that present Greek and Roman narratives - historical, mythological, contextual - successful students will develop a greater understanding of adaptations of Classical culture, literature, and politics.

Title
Classical Tradition in Cinema

Tags
190635, 2

Learning Outcome
Successful students will learn how Classical texts have persistently formed the basis of narrative adaptation throughout the history of cinema, in overt and sometimes surprisingly covert ways.

Title
Evaluating Cinematic Texts

Tags
190636, 3

Learning Outcome
Through assigned readings, screenings and individual viewing of films, classroom discussion and written papers, successful students will develop their ability to evaluate cinematic texts critically and intelligently.

CL CV 304 - (Cl Cv-Hist 247) Greek History

Course Information

Teaching Area (new)
CL CV

Course Number
304

Teaching Area
CL CV

Course Title
(Cl Cv-Hist 247) Greek History

Course Description
Political, economic, social, and intellectual history of Greece from Mycenaean times to the Hellenistic period.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Greek Literature Analysis

Tags
189875, 1

Learning Outcome
Successful students will be exposed to selections of Greek literature and be able to evaluate those texts as sources for Greek history; critical skills will be improved by the careful treatment of historiographical texts.

Title
Critical Theories

Tags
189876, 3

Learning Outcome
Successful students will discuss critical theories that are relevant to the texts treated in class and be able to evaluate and judge the rhetorical complexities facing the various authors discussed and how those authors resolved those complexities as they composed their historical narratives.

Title
Historical Texts and Ancient Historiography

Tags
189877, 4

Learning Outcome
Successful students will be able to locate the historical texts treated in class in the context of Classical literature generally and of ancient historiography specifically.

Title
Ancient Greek Historical Sources

Tags
190511, 1

Learning Outcome
Successful students will consider available primary sources of information for ancient Greek history and be able to evaluate the reliability of those sources.

CL CV 307 - (ClCv-Hist 248) Roman History

Course Information

Teaching Area (new)
CL CV

Course Number
307

Teaching Area
CL CV

Course Title
(ClCv-Hist 248) Roman History

Course Description
Political, economic, social, and intellectual history of Rome from the foundation of the city to Constantine.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historiography and Historical Evaluation

Tags
190277, 1

Learning Outcome
Successful students will be exposed to selections of Latin and Greek literature and be able to evaluate those texts as sources for Roman history; students' critical skills will be improved by the careful treatment of historiographical texts.

CL CV 310 - Classical Archaeology

Course Information

Teaching Area (new)
CL CV

Course Number
310

Teaching Area
CL CV

Course Title
Classical Archaeology

Course Description
Major excavations and antiquities of the Mediterranean region illustrating Greco-Roman history.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge of the History of Classical Archaeology

Tags
190637, 1

Learning Outcome
Through studying the history of Classical archaeology, from the 18th Century to the present, successful students will develop a greater understanding of how the study of Greek and Roman cultures have shaped modern European and American culture.

Title
Evaluating the Artifacts of Classical Culture

Tags
190638, 3

Learning Outcome
Through assigned readings, classroom discussion and written papers, successful students will demonstrate their ability to evaluate museum artifacts and archaeological data intelligently.

Title
Working with the Artifacts of Classical Culture

Tags
190639, 2

Learning Outcome
Where appropriate, students will have opportunities to participate in archaeological excavation, preservation, and restoration and to demonstrate the skills required to excavate, preserve, and restore Classical artifacts.

CL CV 340R - Topics in Classical Literature and Civilization

Course Information

Teaching Area (new)
CL CV

Course Number
340R

Teaching Area
CL CV

Course Title
Topics in Classical Literature and Civilization

Course Description
Classical literary genres; rhetorical, philosophical, and historical writings; relationships of art and literature; or the classical tradition in the Middle Ages and Renaissance. Topics vary.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Evaluation

Tags
190581, 1

Learning Outcome
Through oral reports, examinations, and research papers succcessful students will demonstrate the ability to critically evaluate complex historical issues and to develop original interpretations of those issues.

CL CV 347 - Survey of Early Christian Literature

Course Information

Teaching Area (new)
CL CV

Course Number
347

Teaching Area
CL CV

Course Title
Survey of Early Christian Literature

Course Description
Exploration of the major genres of Early Christian literature from the first four centuries of the Christian era. Investigation of the relationship of this literature to the development of Christian thought and institutions. Topics include the New Testament; Jewish-Christian literature; Gnostic Christian literature; apocryphal gospels, acts, epistles, and apocalypses; polemical literature; lives of saints; and canons and creeds produced by early church councils. Introduction to the methodologies of the discipline, in order to facilitate students' close reading of these texts, culminating in a research project.

Department
Comparative Arts and Letters

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CL CV 355 - (ClCv-Engl) Greek and Roman Classics and the English Tradition

Course Information

Teaching Area (new)
CL CV

Course Number
355

Teaching Area
CL CV

Course Title
(ClCv-Engl) Greek and Roman Classics and the English Tradition

Course Description
Major works by such authors as Homer, the Greek and Roman tragedians, Thucydides, Vergil, and Petronius in English translation, emphasizing their influence on English and American literature.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Comprehension

Tags
190406, 0, 0, 2021-09-28 12:34:35

Learning Outcome
Successful students will demonstrate, through essays, written examination, and class discussion, a sound incipient understanding of the themes, situations, characters, formal structures, and contexts of representative classical and English texts.

Title
Criticism

Tags
190439, 0, 1, 2021-09-28 12:34:35

Learning Outcome
Successful students will demonstrate, through essays and written examination, the ability to practice literary criticism in the field of classical reception.

Title
Literary History

Tags
190400, 0, 2, 2021-09-28 12:34:35

Learning Outcome
Successful students will demonstrate, through exams and essays, an incipient understanding of some of the ways that classical literature and culture has shaped, and continues to shape, the development of English literature.

Title
Appreciation

Tags
190335, 0, 3, 2021-09-28 12:34:35

Learning Outcome
Successful students will have developed an informed sense of the quality of the texts, of their beauty (or not), of their relevance (or not) to life as a whole, and similar range of experiences which may or may not be demonstrable through academic evaluation.

Title
Critical Reading

Tags
191317, 0, 1, 2021-09-28 12:34:35

Learning Outcome
Read critically and analyze selected classical texts in translation in the context of English literature.

Title
Produce Polished and Competent Formal Writing

Tags
191318, 0, 2, 2021-09-28 12:34:35

Learning Outcome
Produce polished, competent, formal writing, free from distracting errors in mechanics, syntax, and formatting, and in accordance with MLA formatting and citation guidelines.

CL CV 363 - Judaism and Christianity in the Classical Near East

Course Information

Teaching Area (new)
CL CV

Course Number
363

Teaching Area
CL CV

Course Title
Judaism and Christianity in the Classical Near East

Course Description
Historical and cultural contexts of early Judaism and Christianity; analysis of major Jewish and Christian texts produced in classical Near East; methodological emphasis.

Department
Comparative Arts and Letters

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Classical Influence on the History and Culture of the Ancient Near East

Tags
190669, 1

Learning Outcome
Know and be able to interpret the significant events and developments in the history and cultures of the ancient Near East, in particular of Second Temple Judaism and Early Christianity in their Hellenistic and Roman contexts.

Title
Ancient Text Interpretation

Tags
190670, 2

Learning Outcome
Be able to interpret major ancient Near East texts-including the Bible, Apocrypha, historiography, and early Christian literature-and analyze their significance for understanding the cultures in which they were produced.

Title
Critical Thinking

Tags
190671, 3

Learning Outcome
Develop the capacity for informed, independent, critical thinking and be able to perform appropriate library and online research utilized in the professional study of the ancient Near East.

Title
Analytical Writing

Tags
190672, 4

Learning Outcome
Be able to write sources analyses and exegetical papers that utilize approaches from the Social Sciences and Humanities and that integrate language and interpretive skills to analyze ancient Near Eastern topics

Title
Academics and Faith

Tags
190673, 5

Learning Outcome
Have considered and received affirmation concerning the relationship between academics and faith, and will have been encouraged to engage in a spiritually informed, lifelong pursuit of learning, scholarship, and service.

CL CV 399R - Acadmic Internship in Classics

Course Information

Teaching Area (new)
CL CV

Course Number
399R

Teaching Area
CL CV

Course Title
Acadmic Internship in Classics

Course Description
Combined study-work experience related to classical studies majors (museums, libraries, international universities and centers, publishers, etc.).

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

Learning Outcomes

Title
Practical Experience

Tags
190640, 1

Learning Outcome
Through a semester- or term-length practicum in a business environment, successful students will strengthen social, communication, and organizational skills essential to competing in the job market after graduation.

Title
Understanding World Cultures

Tags
190641, 2

Learning Outcome
Where appropriate, successful students will expand personal understanding of world cultures through in-country residence and improvement of foreign language skills.

CL CV 399R - Library Internship - Classics.

Course Information

Teaching Area (new)
CL CV

Course Number
399R

Teaching Area
CL CV

Course Title
Library Internship - Classics.

Course Description
Combined study-work experience related to classical studies majors.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

Learning Outcomes

Title
Internship

Tags
190686, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

CL CV 399R - Scholarly Internship - Classics.

Course Information

Teaching Area (new)
CL CV

Course Number
399R

Teaching Area
CL CV

Course Title
Scholarly Internship - Classics.

Course Description
Combined study-work experience related to classical studies majors.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

Learning Outcomes

Title
Internship

Tags
190687, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

CL CV 399R - Museum Internship - Classics

Course Information

Teaching Area (new)
CL CV

Course Number
399R

Teaching Area
CL CV

Course Title
Museum Internship - Classics

Course Description
Combined study-work experience related to classical studies majors.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
12 hours of classics course work (Latin, Greek, classical civilization, classcis) at the 300-level and above; classical studies major status.

Learning Outcomes

Title
Internship

Tags
190685, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting.

CLSCS 297 - Pro-Seminar in Classical Studies

Course Information

Teaching Area (new)
CLSCS

Course Number
297

Teaching Area
CLSCS

Course Title
Pro-Seminar in Classical Studies

Course Description
Mechanics of researching and writing analytical papers in classical studies. Sectional and adjunct professors present seminal sub-disciplines and model research methods. Specialized library resources taught in practicum. Tutorials with faculty underpin focused research questions.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Latin 302 or Greek 301

Learning Outcomes

Title
Interpretation of Classical Scholarship

Tags
190698, 2

Learning Outcome
Successful students learn how to evaluate specialized scholarship under the direction of departmental faculty and library research specialists, who introduce students to their own research agenda in the process.

Title
Developing and Expressing Original Interpretations of Classical Texts

Tags
190699, 3

Learning Outcome
Successful students will be able to write analytical papers or the equivalent that apply close readings to Classical literary texts to develop and clearly expression original interpretations of these texts.

Title
Strategies in Scholarship

Tags
190700, 4

Learning Outcome
Successful students acquire strategies in how to find, read, comprehend, and write about the most important scholarship in more and less particular sub-disciplines of classical scholarship.

Title
Preparing for the Capstone Essay

Tags
190701, 5

Learning Outcome
Students develop a learning environment with an individual faculty mentor to define and begin to answer a particular research question that will be interesting and answerable in a capstone essay to be written during the senior year (Clscs 497).

CLSCS 420 - Ancient Literary Criticism

Course Information

Teaching Area (new)
CLSCS

Course Number
420

Teaching Area
CLSCS

Course Title
Ancient Literary Criticism

Course Description
Survey emphasizing both chief works of the tradition and their practical application to reading of Greek and Latin authors.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

OR

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Reading Greek and Latin

Tags
189880, 1

Learning Outcome
Successful students will demonstrate competence in reading both Greek and Latin.

Title
Understanding Ancient Speech and Writing

Tags
189881, 2

Learning Outcome
Successful students will demonstrate an understanding of the ancient disciplines of speech and writing: grammar, rhetoric, poetics, and logic.

Title
Evaluation of Texts

Tags
189882, 3

Learning Outcome
Successful students will be able to intelligently evaluate select texts-such as Aristotle's Poetics, Cicero's De Oratore, Horace's Ars Poetica, and Quintilian's Institutio Oratoria-through close reading.

Title
Cultural Context

Tags
189883, 4

Learning Outcome
Successful students will demonstrate an understanding of cultural, intellectual, and politicall history from the fifth century B.C. to the time of St. Augustine, thus creating a context for the study of ancient critical theory.

CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek and Roman History

Course Information

Teaching Area (new)
CLSCS

Course Number
430R

Teaching Area
CLSCS

Course Title
(Clscs-Hist) Topics in Ancient Greek and Roman History

Course Description
Study of the history of Greece and Rome through the examination of primary Greek and Latin historiographical texts and secondary scholarship. Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CLSCS 430R - (Clscs-Hist) Topics in Ancient Greek History

Course Information

Teaching Area (new)
CLSCS

Course Number
430R

Teaching Area
CLSCS

Course Title
(Clscs-Hist) Topics in Ancient Greek History

Course Description
Study of the history of Greece through the examination of primary Greek historiographical texts and secondary scholarship. Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CLSCS 430R - (Clscs-Hist) Topics in Ancient Roman History

Course Information

Teaching Area (new)
CLSCS

Course Number
430R

Teaching Area
CLSCS

Course Title
(Clscs-Hist) Topics in Ancient Roman History

Course Description
Study of the history of Rome through the examination of primary Latin historiographical texts and secondary scholarship. Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
None

CLSCS 490R - Seminar in Classical Literature

Course Information

Teaching Area (new)
CLSCS

Course Number
490R

Teaching Area
CLSCS

Course Title
Seminar in Classical Literature

Course Description
Various topics in Classical literature (e.g. Comparative Epic Poetry, Medieval, Renaissance, and Modern Reception of Classical Literature, Roman Reception of Greek Literature, Rhetoric and Poetics).

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- GREEK 201 - Intermediate Greek
  AND LATIN 201 - Intermediate Latin

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- GREEK 201 - Intermediate Greek

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- LATIN 201 - Intermediate Latin

CLSCS 490R - Seminar in Latin Literature

Course Information

Teaching Area (new)
CLSCS

Course Number
490R

Teaching Area
CLSCS

Course Title
Seminar in Latin Literature

Course Description
Various topics in Latin literature (e.g. Comparative Epic Poetry, Reception of Roman Literature, Augustan Poetry, Rhetoric and Poetics).

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CLSCS 490R - Seminar in Greek Literature

Course Information

Teaching Area (new)
CLSCS

Course Number
490R

Teaching Area
CLSCS

Course Title
Seminar in Greek Literature

Course Description
Various topics in Greek literature (e.g. Comparative Epic Poetry, Reception of Greek Literature, Hellenistic Poetry, Rhetoric and Poetics).

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CLSCS 495R - Directed Readings

Course Information

Teaching Area (new)
CLSCS

Course Number
495R

Teaching Area
CLSCS

Course Title
Directed Readings

Course Description
Students will organize literary texts from Greek and/or Latin traditions into a cogent unit for study and analysis and conduct a thorough investigation into a problem or set of related problems presented by the study unit.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Contract and instructor's consent.

CLSCS 497 - Exit Examination in Classical Literature

Course Information

Teaching Area (new)
CLSCS

Course Number
497

Teaching Area
CLSCS

Course Title
Exit Examination in Classical Literature

Course Description
Capstone essay culminates undergraduate experience in posing, researching, and writing in consultation with an advisor. Oral exam tests familiarity with a standardized reading list of classical texts. Attendance at weekly lectures expands familiarity with broad questions in classical scholarship.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CLSCS 297 - Pro-Seminar in Classical Studies

Other Prerequisites
at least one course in Latin or Greek at 400-level.

Recommended
Coursework above 400-level in Latin and/or Greek

Learning Outcomes

Title
The Capstone Paper

Tags
190703, 2

Learning Outcome
Successful students will complete research on and write a capstone paper under the guidance of their chosen member of the Classics faculty. By writing this capstone paper, students will demonstrate 1) the ability to write analytical papers or the equivalent that apply close readings to Latin and Greek literary texts to develop and clearly express original interpretations of these texts nd 2) a broad knowledge and comprehension of the history, literature, philosophy, and visual arts of Greece and Rome.

CMLIT 120R - Discovering the World through Literature

Course Information

Course Number
120R

Teaching Area
CMLIT

Course Title
Discovering the World through Literature

Course Description
General introduction to the practice of attentive reading and literary analysis, with a focus on literary texts and traditions outside the Anglophone United States. The course is centered on a different "big question" or theme each semester.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Reflection

Tags
213450, 0, 1, 2023-08-29 08:05:59

Learning Outcome
Articulate the value of analyzing world literature in relation to global and existential questions

Title
Literary History and Context

Tags
213451, 0, 2, 2023-08-29 08:06:02

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of literature from a variety of language and national literary traditions.

Title
Principles and Practices of Literary Analysis

Tags
213452, 0, 3, 2023-08-29 08:06:04

Learning Outcome
Successful students will read, write, and speak critically and analytically about literary texts and literary theory from a range of cultures

Title
Evaluating Texts

Tags
213453, 0, 4, 2023-08-29 08:06:05

Learning Outcome
Students will evaluate and interpret literary texts through close reading and articulate a persuasive interpretation through writing assignments

CMLIT 201 - Civilization: Literature 1

Course Information

Teaching Area (new)
CMLIT

Course Number
201

Teaching Area
CMLIT

Course Title
Civilization: Literature 1

Course Description
Western civilization from antiquity to early Italian Renaissance, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.

Department
Comparative Arts and Letters

When Taught
Fall; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Learning Outcomes

Title
Literature and Civilization

Tags
190536, 3

Learning Outcome
Explain what literature is and how its values are important to the study of Western civilization.

Title
Literature, History, and Philosophy

Tags
190258, 1

Learning Outcome
Show the capability to accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

Title
Critical Analysis and Effective Communication

Tags
190414, 2

Learning Outcome
Be able to analyze literary texts carefully, critically, coherently, and persuasively, both in discussion and in writing, using the basic tools of literary criticism.

Title
Western Literary History: Ancients through Italian Renaissan

Tags
190521, 0

Learning Outcome
Demonstrate a sound, general understanding of major literary texts and the intellectual history of Western culture, through the Italian Renaissance.

CMLIT 202 - Civilization: Literature 2

Course Information

Teaching Area (new)
CMLIT

Course Number
202

Teaching Area
CMLIT

Course Title
Civilization: Literature 2

Course Description
Western civilization from Europe's high Renaissance to the present, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literature and Civilization

Tags
190279, 3

Learning Outcome
Explain what literature is and how its values are important to the study of Western civilization.

Title
Literature, History, and Philosophy

Tags
190281, 1

Learning Outcome
Show the capability to accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

Title
Western Literary History: Renaissance to Present

Tags
190419, 1

Learning Outcome
Demonstrate a sound, general understanding of major literary texts and the intellectual history of Western culture, from the Italian Renaissance to the present.

Title
Critical Analysis and Effective Communication

Tags
190510, 2

Learning Outcome
Be able to analyze literary texts carefully, critically, coherently, and persuasively, both in discussion and in writing, using the basic tools of literary criticism.

CMLIT 211 - Civilization: World Literature 1

Course Information

Teaching Area (new)
CMLIT

Course Number
211

Teaching Area
CMLIT

Course Title
Civilization: World Literature 1

Course Description
Major world civilizations, with an emphasis on comparative study of Asian and other non-Western traditions with Western traditions, from antiquity to 1500 AD, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Global Thinking Skills

Tags
214676, 0, 1

Learning Outcome

Students should be able to examine the issues underlying the question of what literature is and how relevant literary production is to both contemporary life and the study of civilizations, both ancient and modern.

Title
Historical Knowledge

Tags
214723, 0, 2

Learning Outcome

Students will demonstrate a general, sound understanding of the intellectual and literary history of premodern cultures, both "western" and Asian, studied in class.

Students will also gain the ability to accurately and intelligently relate individual literary works to the greater historical and philosophical contexts from which those works arose.

Title
Historical and Cross-Cultural Perspectives

Tags
214725, 0, 3

Learning Outcome

Students should have the background skills to demonstrate a sound, general understanding of the intellectual and literary history of the Western and Asian cultures studied in class, and they will also be able to articulate the relationship between Western and Asian cultures, and how each influences and conceives of the other.

CMLIT 212 - Civilization: World Literature 2

Course Information

Teaching Area (new)
CMLIT

Course Number
212

Teaching Area
CMLIT

Course Title
Civilization: World Literature 2

Course Description
Major world civilizations, with an emphasis on comparative study of Asian and other non-Western traditions with Western traditions, from 1500 AD to the present, emphasizing socioeconomic, political, intellectual, and aesthetic developments, with primary focus on literary texts.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Analysis

Tags
208268, 0, 2

Learning Outcome
By the end of the course, students should be able to analyze literary works from several traditions carefully, critically, coherently, and persuasively, both in discussion and in writing, using basic tools of literary criticism.

Title
Understanding the Cultural Value of Literature

Tags
208269, 0, 3

Learning Outcome
Students will be able to explain what litearture is and how its values are important to the study of world civilizations.

Title
Historical Knowledge

Tags
208270, 0, 4

Learning Outcome
Students will demonstrate a general, sound understanding of the intellectual and literary history of the Western and Asian cultures studied in class, and they will also be able to articulate the relationship between Western and Asian cultures and how each influences and conceives of the other.

Title
Historical and Literary Understanding

Tags
208271, 0, 5

Learning Outcome
Students will accurately and intelligently relate literary works to the main historical and philosophical trends of their times.

CMLIT 310 - Introduction to Literary Analysis and Comparative Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
310

Teaching Area
CMLIT

Course Title
Introduction to Literary Analysis and Comparative Literature

Course Description
Methods of literary analysis, emphasizing basic issues of comparative literature and prosody and other problems related to foreign language texts.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Reading knowledge of at least one foreign language

Learning Outcomes

Title
Comparative Literature Theory

Tags
190014, 2

Learning Outcome
Articulate major theories of Comparative Literature as an academic discipline.

Title
Research Methodologies and Tools

Tags
190015, 3

Learning Outcome
Explain and use methodological tools, including library research.

Title
Multilingual Explication

Tags
190016, 5

Learning Outcome
Show an ability to closely explicate literary texts in at least two languages.

Title
Critical Thinking and Fallacies

Tags
190017, 7

Learning Outcome
Demonstrate knowledge of the canons of critical thinking, and a grasp of fundamental thinking fallacies.

Title
Comparative Literature History

Tags
190442, 1

Learning Outcome
Show an understanding of the history of the discipline.

CMLIT 320 - Junior Seminar in Comparative Literature

Course Information

Course Number
320

Teaching Area
CMLIT

Course Title
Junior Seminar in Comparative Literature

Course Description
Introduction to methods, theories, and scholarly writing within the discipline of Comparative Literature, including the effective use of foreign language texts, literary theory, and academic secondary sources. Resources and guidelines for research, writing, and public speaking.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Recommended
Mastery of at least one foreign language & CMLIT 310

Learning Outcomes

Title
Contemporary Critical Theory and Interpretation

Tags
213454, 0, 1, 2023-08-29 08:06:13

Learning Outcome
Develop a deeper understanding of various contemporary theories about comparative literary analysis.

Title
Analytical Skills

Tags
213455, 0, 2, 2023-08-29 08:06:14

Learning Outcome
Improve the ability to discern meaning and importance in literary texts from a variety of language and national literary traditions through close reading analysis

Title
Research and Argumentation

Tags
213456, 0, 3, 2023-08-29 08:06:15

Learning Outcome
Improve library research and persuasive argumentation skills through a major literary analysis research paper

CMLIT 342 - Asian Literary Traditions

Course Information

Teaching Area (new)
CMLIT

Course Number
342

Teaching Area
CMLIT

Course Title
Asian Literary Traditions

Course Description
Comparative analysis of Asian literary works spanning several traditions.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Comparative Literary Analysis

Tags
190018, 1

Learning Outcome
Apply basic concepts of comparative literary analysis to course texts.

Title
Asian Literary Traditions

Tags
190019, 2

Learning Outcome
Gain familiarity with Asian literary traditions, particularly India, China, and Japan.

Title
Critical Analysis and Writing

Tags
190020, 5

Learning Outcome
Demonstrate strong critical reading, writing, and analytical skills across linguistic and national traditions.

CMLIT 420R - 20th-Century Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
20th-Century Literature

Course Description
Problems of literary periodization in the 20th century.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191052, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the twentieth century.

Title
Research and Writing

Tags
191053, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the twentieth century -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191063, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the twentieth century in at least two languages.

CMLIT 420R - 17th-Century Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
17th-Century Literature

Course Description
Problems of literary periodization in the 17th century.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191048, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to European seventeenth century.

Title
Research and Writing

Tags
191049, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the European 17th century -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191061, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the European seventeenth century in at least two languages.

CMLIT 420R - Medieval Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Medieval Literature

Course Description
Problems of literary periodization in medieval literature.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191057, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European Middle Ages.

Title
Research and Writing

Tags
191058, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the European Middle Ages -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191059, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the European Middle Ages in at least two languages.

CMLIT 420R - Symbolism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Symbolism

Course Description
Problems of literary periodization in Symbolism.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191086, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Symbolism.

Title
Research and Writing

Tags
191087, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Symbolism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research and Writing

Tags
191088, 3

Learning Outcome
Show an ability to read, study, research, and write about Symbolist literary texts in at least two languages.

CMLIT 420R - Renaissance Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Renaissance Literature

Course Description
Problems of literary periodization in Renaissance literature.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191080, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European Renaissance.

Title
Research and Writing

Tags
191081, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the European Renaissance -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191082, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the European Renaissance in at least two languages.

CMLIT 420R - Classics and Early America

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Classics and Early America

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191054, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the period or movement at hand.

Title
Research and Writing

Tags
191055, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191064, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the period at issue in at least two languages.

CMLIT 420R - Postmodernism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Postmodernism

Course Description
Problems of literary periodization in Postmodernism.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191074, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Postmodernism.

Title
Research and Writing

Tags
191075, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Postmodernism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191079, 3

Learning Outcome
Show an ability to read, study, research, and write about Postmodern literary texts in at least two languages.

CMLIT 420R - 18th-Century Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
18th-Century Literature

Course Description
Problems of literary periodization in the 18th century.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191050, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the eighteenth century.

Title
Research and Writing

Tags
191051, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the eighteenth century -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191062, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the eighteenth century in at least two languages.

CMLIT 420R - Modernism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Modernism

Course Description
Problems of literary periodization in Modernism.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191065, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Modernism.

Title
Research and Writing

Tags
191066, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Modernism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191067, 3

Learning Outcome
Show an ability to read, study, research, and write about Modernist literary texts in at least two languages.

CMLIT 420R - Realism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Realism

Course Description
Problems of literary periodization in Realism.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191076, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Realism.

Title
Research and Writing

Tags
191077, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Realism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191078, 3

Learning Outcome
Show an ability to read, study, research, and write about Realist literary texts in at least two languages.

CMLIT 420R - 12th-Century Renaissance

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
12th-Century Renaissance

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191047, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the European twelfth century and Middle Ages more broadly.

Title
Research and Writing

Tags
191056, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- the European 12th century -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191060, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the European 12th century in at least two languages.

CMLIT 420R - Neoclassicism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Neoclassicism

Course Description
Problems of literary periodization in Neoclassicism.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191068, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Neoclassicism.

Title
Research and Writing

Tags
191069, 2

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Neoclassicism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191070, 3

Learning Outcome
Show an ability to read, study, research, and write about Neoclassical literary texts in at least two languages.

CMLIT 420R - Romanticism

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Romanticism

Course Description
Texts and topics in Romancticism across linguistic fields and disciplines.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Periodization

Tags
191083, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to Romanticism.

Title
Research and Writing

Tags
191084, 5

Learning Outcome
Conduct thorough research into a problem specific to the period in question -- Romanticism -- and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191085, 6

Learning Outcome
Show an ability to read, study, research, and write about Romantic literary texts in at least two languages.

CMLIT 420R - Studies in Periods and Movements

Course Information

Teaching Area (new)
CMLIT

Course Number
420R

Teaching Area
CMLIT

Course Title
Studies in Periods and Movements

Course Description
Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CmLit 310 or Hum 350 or concurrent enrollment.

Learning Outcomes

Title
Literary Periodization

Tags
191071, 4

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in literary periodization, showing an ability to deal with problems, texts, and figures specific to the period in question.

Title
Research and Writing

Tags
191072, 5

Learning Outcome
Conduct thorough research into a problem specific to the period in question and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191073, 6

Learning Outcome
Show an ability to read, study, research, and write about literary texts from the period in question in at least two languages.

CMLIT 430R - Poetry and Poetics

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Poetry and Poetics

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Form

Tags
190709, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

Title
Research and Writing

Tags
190710, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191099, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Epic

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Epic

Course Description
History and theory of epic.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190705, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Concepts and Issues in Literary Form

Tags
191091, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to epic.

Title
Multilingual Study, Research, and Writing

Tags
191092, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Tragedy

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Tragedy

Course Description
History and theory of tragedy.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190704, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Concepts and Issues in Literary Form

Tags
191111, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to Tragedy.

Title
Multilingual Study, Research, and Writing

Tags
191112, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Studies in Literary Genres

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Studies in Literary Genres

Course Description
Various genres (e.g., novel, epic, tragedy) and problems of genre. Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CmLit 310 or concurrent enrollment.

Learning Outcomes

Title
Concepts and Issues in Literary Form

Tags
191093, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

Title
Research and Writing

Tags
191094, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191095, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Renaissance Novella

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Renaissance Novella

Course Description
History and theory of short prose narratives from Boccaccio.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Form

Tags
191103, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the Renaissance novella.

Title
Research and Writing

Tags
191104, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191105, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Lyric

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Lyric

Course Description
Problems of lyric poetry.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190021, 3

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
190022, 8

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

Title
Concepts and Issues in Literary Form

Tags
191096, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to lyric poetry.

CMLIT 430R - Poetry of Americas

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Poetry of Americas

Course Description
Problems of poetry across the Americas.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Form

Tags
191100, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the genre at hand.

Title
Research and Writing

Tags
191101, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191102, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Novel

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Novel

Course Description
History and theory of long prose narrative.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190706, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Concepts and Issues in Literary Form

Tags
191097, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the novel.

Title
Multilingual Study, Research, and Writing

Tags
191098, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - The Romance

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
The Romance

Course Description
History and theory of romance.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190708, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Concepts and Issues in Literary Form

Tags
191109, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to the Romance.

Title
Multilingual Study, Research, and Writing

Tags
191110, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 430R - Comedy

Course Information

Teaching Area (new)
CMLIT

Course Number
430R

Teaching Area
CMLIT

Course Title
Comedy

Course Description
History and theory of comedy.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing

Tags
190707, 2

Learning Outcome
Conduct thorough research into a problem of literary genre and write in a professional, scholarly manner about it.

Title
Concepts and Issues in Literary Form

Tags
191089, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary form, showing an ability to deal with problems, texts, and figures specific to comedy.

Title
Multilingual Study, Research, and Writing

Tags
191090, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 440R - Studies in Themes and Types

Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Studies in Themes and Types

Course Description
Major literary themes (e.g., Faust, Don Juan, Ulysses, Arthur), types, motifs, and problems of literary typology. Topics vary.

Department
Comparative Arts and Letters

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Thematics

Tags
191121, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the thematological topic at hand.

Title
Research and Writing

Tags
191122, 2

Learning Outcome
Conduct thorough research into a problem of literary thematics and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191123, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 440R - Don Juan Theme

Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Don Juan Theme

Course Description
History and development of Don Juan theme.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Multilingual Study, Research, and Writing

Tags
190023, 8

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

Title
Concepts and Issues in Literary Thematics

Tags
191113, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Don Juan theme.

Title
Scholarly Research and Writing

Tags
191114, 3

Learning Outcome
Conduct thorough research into a problem from the Don Juan theme and write in a professional, scholarly manner about it.

CMLIT 440R - Ulysses Theme

Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Ulysses Theme

Course Description
History and development of Ulysses theme.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Thematics

Tags
191124, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Ulysses theme.

Title
Research and Writing

Tags
191125, 2

Learning Outcome
Conduct thorough research into a problem from the Ulysses theme and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191126, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 440R - Faust Theme

Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Faust Theme

Course Description
History and development of Faust theme.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Thematics

Tags
191118, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to the Faust theme.

Title
Research and Writing

Tags
191119, 2

Learning Outcome
Conduct thorough research into a problem from the Faust theme and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191120, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 440R - Arthurian Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
440R

Teaching Area
CMLIT

Course Title
Arthurian Literature

Course Description
History and development of Arthurian theme.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Thematics

Tags
191115, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary thematics, showing an ability to deal with problems, texts, and figures specific to Arthurian literature.

Title
Research and Writing

Tags
191116, 2

Learning Outcome
Conduct thorough research into a problem from Arthurian literature and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191117, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Asian Literature Traditions

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Asian Literature Traditions

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

CMLIT 450R - Wagner and Wagnerism

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Wagner and Wagnerism

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191159, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191160, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191161, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Literature of Sensibility.

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature of Sensibility.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191136, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191137, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191138, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Vergil, Augustine, and Dante

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Vergil, Augustine, and Dante

Course Description
Literary influence, originality, status of classic.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191156, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191157, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191158, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Philosophy and Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Philosophy and Literature

Course Description
Interrelationship of literary art with philosophical issues.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Multilingual Study, Research, and Writing

Tags
190024, 6

Learning Outcome
Show an ability to read, study, research, and write about texts in at least two languages.

Title
Concepts and Issues in Literary Relations

Tags
191150, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and philosophy.

Title
Scholarly Research and Writing

Tags
191151, 3

Learning Outcome
Conduct thorough research into a problem of the relationship between literature and philosophy, and write in a professional, scholarly manner about it.

CMLIT 450R - Literature and History

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and History

Course Description
Interrelationship of literary and historical study.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Multilingual Study, Research and Writing

Tags
190711, 3

Learning Outcome
Show an ability to read, study, research, and write about texts in at least two languages.

Title
Concepts and Issues in Literary Relations

Tags
191142, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and history.

Title
Scholarly Research and Writing

Tags
191143, 2

Learning Outcome
Conduct thorough research into a problem of the relationships between literary texts, or between literature on the one hand and history on the other, and write in a professional, scholarly manner about it.

CMLIT 450R - East-West Relations

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
East-West Relations

Course Description
Relationship of Western and Eastern literary traditions and theories of literature.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191127, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191128, 2

Learning Outcome
Conduct thorough research into a problem of relationship between eastern and western literature and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191129, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Literature and Politics

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Politics

Course Description
Interrelationship of literary art with political science.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191133, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and politics.

Title
Research and Writing

Tags
191134, 2

Learning Outcome
Conduct thorough research into a problem of the relationship between literature and politics and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191135, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Literature and Music

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Music

Course Description
Interrelationship of literary and musical art, problems of meaning.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191144, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and music.

Title
Research and Writing

Tags
191145, 2

Learning Outcome
Conduct thorough research into a problem of the relationship between literature and music and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191146, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Literature and Cinema

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Cinema

Course Description
Interrelationship of literary and cinematic art, problems of adaptation.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191130, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and film.

Title
Research and Writing

Tags
191131, 2

Learning Outcome
Conduct thorough research into a problem of the relationship between literature and film and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191132, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and films in at least two languages.

CMLIT 450R - Studies in Literary Relations

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Studies in Literary Relations

Course Description
Interrelations of national literatures and figures and of literature with other areas of knowledge (art, history, law, psychology, music, etc.). Topics vary.

Department
Comparative Arts and Letters

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CmLit 310 or concurrent enrollment.

Learning Outcomes

Title
Concepts and Issue in Literary Relations

Tags
191139, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191140, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191141, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - U.S. and Carribean Literature

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
U.S. and Carribean Literature

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191153, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191154, 2

Learning Outcome
Conduct thorough research into a problem of literary relations and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191155, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 450R - Symbolism

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Symbolism

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Scholarly Research and Writing

Tags
190712, 2

Learning Outcome
Conduct thorough research into a problem of the relationships between literary texts, or between literature on the one hand and other areas of human knowledge on the other, and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
190713, 3

Learning Outcome
Show an ability to read, study, research, and write about texts in at least two languages.

Title
Concepts and Issues in Literary Relations

Tags
191152, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationship between literary texts, as well as the relationship between literature and other areas of human knowledge.

CMLIT 450R - Literature and Myth

Course Information

Teaching Area (new)
CMLIT

Course Number
450R

Teaching Area
CMLIT

Course Title
Literature and Myth

Course Description
Interrelationship of literary study and study of myth.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Relations

Tags
191147, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of the relationships between literary texts, as well as the relationship between literature and other areas of human knowledge.

Title
Research and Writing

Tags
191148, 3

Learning Outcome
Conduct thorough research into a problem of relationship between literature and myth and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191149, 4

Learning Outcome
Show an ability to read, study, research, and write about literary texts in at least two languages.

CMLIT 460R - Kierk and Rom Irony

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Kierk and Rom Irony

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
191169, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191170, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191171, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 460R - Practical Criticism

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Practical Criticism

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
190714, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Scholarly Research and Writing

Tags
190715, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191175, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 460R - Contemporary Theory

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Contemporary Theory

Course Description
Problems in contemporary theory; topics vary.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
191163, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of contemporary literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191164, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191165, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 460R - Classical Rhetoric and Criticism

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Classical Rhetoric and Criticism

Course Description
Foundational texts in literary theory from ancient Greece and Rome.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
190025, 2

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Scholarly Research and Writing

Tags
190026, 3

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191162, 8

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 460R - Historical Literary Theory

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Historical Literary Theory

Course Description
History and development of literary theory from classical world to present.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
191166, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of history of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191167, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191168, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 460R - Studies in Literary Theory

Course Information

Teaching Area (new)
CMLIT

Course Number
460R

Teaching Area
CMLIT

Course Title
Studies in Literary Theory

Course Description
Topics vary.

Department
Comparative Arts and Letters

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CmLit 310 or concurrent enrollment.

Learning Outcomes

Title
Concepts and Issues in Literary Theory

Tags
191172, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary theory, showing an ability to deal with problems, texts, and figures specific to the theoretical topic at hand.

Title
Research and Writing

Tags
191173, 2

Learning Outcome
Conduct thorough research into a problem of literary theory and write in a professional, scholarly manner about it.

Title
Multilingual Study, Research, and Writing

Tags
191174, 3

Learning Outcome
Show an ability to read, study, research, and write about literary texts and theory in at least two languages.

CMLIT 495R - Directed Readings

Course Information

Teaching Area (new)
CMLIT

Course Number
495R

Teaching Area
CMLIT

Course Title
Directed Readings

Course Description
Course set up only in special circumstances and by permission for focused study of a topic in comparative literature.

Department
Comparative Arts and Letters

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Literary Organization and Analysis

Tags
190503, 1

Learning Outcome
Show an ability to organize literary texts from at least three language traditions into a cogent unit for study and analysis.

Title
Research

Tags
190648, 1

Learning Outcome
Conduct a thorough investigation into a problem or set of related problems presented by the study unit.

CMLIT 497 - Reading List Examination

Course Information

Teaching Area (new)
CMLIT

Course Number
497

Teaching Area
CMLIT

Course Title
Reading List Examination

Course Description
Capstone essay based on individual reading list, demonstrating achievement of program outcomes.

Department
Comparative Arts and Letters

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CMLIT 310 - Introduction to Literary Analysis and Comparative Literature
  AND CMLIT 342 - Asian Literary Traditions

Other Prerequisites
Three 400-level seminars

Learning Outcomes

Title
Comparative Literature Reading List

Tags
190027, 3

Learning Outcome
Demonstrate thorough knowledge of the Comparative Literature B.A. reading list.

Title
Scholarly Research and Writing

Tags
190028, 2

Learning Outcome
Prepare a detailed piece of scholarly research and writing based upon four to six texts chosen by faculty supervisors.

CMLIT 590R - Directed Readings

Course Information

Teaching Area (new)
CMLIT

Course Number
590R

Teaching Area
CMLIT

Course Title
Directed Readings

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Graduate coordinator`s consent

Learning Outcomes

Title
articulate

Tags
190555, 1

Learning Outcome
Articulate with considerable sophistication basic concepts and issues in the study of literary texts across linguistic and national boundaries.

Title
understand and analyze

Tags
190649, 0

COMD 133 - Introduction to Speech-Language Pathology and Audiology

Course Information

Teaching Area (new)
COMD

Course Number
133

Teaching Area
COMD

Course Title
Introduction to Speech-Language Pathology and Audiology

Course Description
Overview of communication disorders, assessment strategies, and treatments.

Department
Communication Disorders

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identification

Tags
177250, 2

Learning Outcome
Identify common communication disorders based on their associated behavioral symptoms.

Title
Basic Concepts and Terms

Tags
177251, 3

Learning Outcome
Converse with people with communication disorders, their families, and health care providers in a way that demonstrates understanding of key concepts and terminology associated with the practice of speech-language pathology and audiology.

Title
Advocacy

Tags
177252, 4

Learning Outcome
Advocate for people with communication disorders and their families.

Title
Christlike Service

Tags
177324, 1

Learning Outcome
Minister to others with Christlike love and compassion.

COMD 211 - Language Science

Course Information

Teaching Area (new)
COMD

Course Number
211

Teaching Area
COMD

Course Title
Language Science

Course Description
Morphology, syntax, and semantic roles in language of children and adults; uses both manual and computer-assisted methods.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Learning Outcome
Discuss English sentence structure and its development in children using common descriptive terms.

Learning Outcome
Examine a transcript of a client's language sample and evaluate evidence that the client can use various syntactic constructions.

COMD 213 - Hearing Science and Acoustics

Course Information

Teaching Area (new)
COMD

Course Number
213

Teaching Area
COMD

Course Title
Hearing Science and Acoustics

Course Description
Hearing anatomy, physiology, and science.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 167 - Descriptive Acoustics of Music and Speech

Learning Outcomes

Learning Outcome
Acoustics, Sound, and Psychoacoustics: Students will demonstrate an understanding of basic acoustic concepts including the fundamental physics of sound waves and their reception.

Learning Outcome
Decibels and Conversions: Students will demonstrate an understanding of the decibel and demonstrate the ability to convert among various reference systems.

Learning Outcome
Anatomy and Physiology of the Auditory Mechanism:Students will demonstrate an understanding of the collection, transmission, conversion, and processing of sound from the outer-ear to the cerebral cortex.

COMD 215 - Speech Anatomy & Physiology

Course Information

Teaching Area (new)
COMD

Course Number
215

Teaching Area
COMD

Course Title
Speech Anatomy & Physiology

Course Description
Basic anatomy and physiology of speech mechanisms.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Learning Outcome
Students will demonstrate competent knowledge of the basic elements of anatomy.

Learning Outcome
Students will demonstrate competent knowledge of the anatomy and physiology of respiration.

Learning Outcome
Students will demonstrate competent knowledge of the anatomy and physiology of phonation.

Learning Outcome
Students will demonstrate competent knowledge of the anatomy of articulation and resonation.

Learning Outcome
Students will demonstrate competent knowledge of the neuroanatomical and neurophysiological correlates of speech.

COMD 318 - Graduate School Preparation

Course Information

Course Number
318

Teaching Area
COMD

Course Title
Graduate School Preparation

Course Description
This course equips students to strategically prepare for graduate school applications in Communication Disorders and related fields, exploring personal strengths, effective strategies, future planning, and career options for a successful transition.

Department
Communication Disorders

When Taught
Fall

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 211 - Language Science
  AND COMD 213 - Hearing Science and Acoustics
  AND COMD 215 - Speech Anatomy & Physiology

Fee
Gallup Strengths Assessment. Instructions will be provided to complete this online assessment. The cost is $13. The fee for this assessments is used instead of requiring students to purchase a textbook. o a number of assignments and discussions throughout the course. It was considered a minimal amount and much less than most textbooks

Learning Outcomes

Title
Grad School Portfolio

Learning Outcome
1. Students will create a comprehensive graduate school readiness portfolio comprised of a refined personal statement, a polished resume, and a well-organized collection of other relevant materials, demonstrating their readiness and suitability for admission to graduate programs.

Title
Professional Profile

Learning Outcome
2. Students will proficiently employ technology and online platforms, including LinkedIn and other social media platforms and Microsoft Excel to systematically research graduate programs, collate relevant information, and establish professional connections within their field of interest.

Title
Valuing Diverse Perspecctives

Learning Outcome
3. Students will articulate the importance of diverse perspectives and demonstrate consideration for individual, community, and organizational viewpoints. They will express personal biases and apply strategies to address them, as evidenced through class discussions, written reflections, and peer feedback.

COMD 321 - Language Development

Course Information

Teaching Area (new)
COMD

Course Number
321

Teaching Area
COMD

Course Title
Language Development

Course Description
Overview of how children acquire language, including its relationship to cognitive, neural, and social development; child language development from infancy through adolescence; bilingual language development.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- COMD 211 - Language Science

Learning Outcomes

Learning Outcome
Demonstrate knowledge of the major theories of language development (social interactionist, linguistic, emergentism).

Learning Outcome
Define the major components of language (syntax, semantic, phonology, morphology, & pragmatics).

Learning Outcome
Demonstrate knowledge of how cultural factors influence first and second language development.

Learning Outcome
Demonstrate knowledge of the developmental sequence of pragmatic, semantic, syntactic, and morphologic language behaviors in production and comprehension modalities.

Learning Outcome
Demonstrate knowledge of the development of literacy.

COMD 323 - Hearing Tests and Measures

Course Information

Teaching Area (new)
COMD

Course Number
323

Teaching Area
COMD

Course Title
Hearing Tests and Measures

Course Description
Theory and practice of auditory assessment.

Department
Communication Disorders

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 213 - Hearing Science and Acoustics

Learning Outcomes

Title
Conduct Comprehensive Audiological Assessments:

Learning Outcome
Administer both basic and advanced audiological tests to accurately assess the extent and etiology of hearing loss.

Title
Identify and Classify Auditory Disorders:

Learning Outcome
Describe major auditory system disorders, classify them by the type of hearing loss they cause, and recognize corresponding audiological patterns to aid in diagnosis and treatment planning.

Title
Conduct Comprehensive Audiological Assessments:

Learning Outcome
Articulate the core biological, physical, acoustic, and psychological principles that underpin audiological assessments and testing procedures.

Title
Increase Clinical Compassion and Confidence:

Learning Outcome
By the end of this course, students will become more compassionate and confident clinicians. This will be measured through self-assessment exercises where students reflect on their ability to administer basic hearing tests, interpret audiological findings, and provide empathetic patient care.

Title
Interpret Audiological Data

Learning Outcome
Analyze audiograms to determine the degree, configuration, and type of hearing loss, and assess word recognition abilities to provide a comprehensive understanding of a patient's auditory health.

COMD 325 - Clinical Phonetics

Course Information

Teaching Area (new)
COMD

Course Number
325

Teaching Area
COMD

Course Title
Clinical Phonetics

Course Description
Transcription and analysis of normal and disordered sound production.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- COMD 215 - Speech Anatomy & Physiology

Learning Outcomes

Title
Spiritual Perspective on Dialectal and Disordered Speech

Learning Outcome
Students will reflect on the words of the scriptures and the words of the living Prophet and Apostles to better understand how a Christlike person perceives and approaches people with dialectal differences and/or speech disorders.

Title
Basic Phonetics Principles and Terminology

Learning Outcome
Students will enhance their awareness of speech production through gaining a command of basic phonetics principles and terminology.

Title
Basic Phonetic Transcription Skill

Learning Outcome
Students will accurately transcribe both typical and mildly disordered English speech samples using the International Phonetic Alphabet and its extensions.

Title
Distinguishing Between Differences and Disorders

Learning Outcome
Student will demonstrate a beginning ability to appreciate and distinguish speech disorders from the speech differences that result from between-speaker variability (e.g., linguistic and cultural diversity) and within-speaker variability (e.g., register and context differences).

COMD 335 - Introduction to Speech Sound Disorders

Course Information

Teaching Area (new)
COMD

Course Number
335

Teaching Area
COMD

Course Title
Introduction to Speech Sound Disorders

Course Description
Causes and characteristics of speech sound disorders; techniques for diagnosis, assessment, and treatment.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 325 - Clinical Phonetics

Learning Outcomes

Learning Outcome
Demonstrate knowledge regarding the nature of speech sound disorders, including their etiologies, characteristics, anatomical/physiological, acoustic, psychological, developmental, linguistic, and cultural correlates.

Learning Outcome
Demonstrate knowledge regarding the principles and methods of the assessment of speech sound disorders, using both formalized and non-formalized methods.

Learning Outcome
Demonstrate knowledge regarding the principles and methods of speech sound disorders intervention.

COMD 370 - Medical Speech Pathology

Course Information

Teaching Area (new)
COMD

Course Number
370

Teaching Area
COMD

Course Title
Medical Speech Pathology

Course Description
Genetic, gestational, and neurogenic factors related to communication disorders in children and adults; role of the speech-language pathologist in medical teams.

Department
Communication Disorders

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Learning Outcome
Demonstrate preparation for graduate coursework in organic and neurologic communication and swallowing disorders.

Learning Outcome
Describe the collaborative role of the SLP on professional teams in medical settings.

Learning Outcome
Describe the causes and characteristics of TBI, aphasia, voice disorders, motor speech disorders and swallowing disorders, and describe several treatment approaches used for those disorder areas by speech-language pathologists.

COMD 420 - Neurofoundations of Language, Speech, and Hearing

Course Information

Teaching Area (new)
COMD

Course Number
420

Teaching Area
COMD

Course Title
Neurofoundations of Language, Speech, and Hearing

Course Description
Neuroanatomy and neurophysiology underlying normal and impaired language, speech, and hearing processes.

Department
Communication Disorders

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 215 - Speech Anatomy & Physiology
  AND COMD 213 - Hearing Science and Acoustics

Learning Outcomes

Title
Building Blocks

Tags
177277, 1

Learning Outcome
Demonstrate knowledge of the basic building blocks from cell to brain as those building blocks contribute to the areas of speech, language, and hearing.

Title
Neural System Integration

Tags
177278, 0, 2

Learning Outcome
Demonstrate the ability to integrate various neural systems and their interaction as the central nervous system formulates and modifies neural information in the processing of speech, language, and hearing as part of their clinical foundation.

Title
Theoretical Model

Tags
177279, 0, 3

Learning Outcome
Be able to construct a theoretical model of neurological involvement in peripheral and central disorders involving speech, language, and hearing function as part of their clinical foundation.

COMD 431 - Developmental Language Disorders

Course Information

Teaching Area (new)
COMD

Course Number
431

Teaching Area
COMD

Course Title
Developmental Language Disorders

Course Description
Causes and characteristics of language impairment; techniques for diagnosis, assessment, and treatment of language disorders.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 321 - Language Development

Learning Outcomes

Title
Problems with Developmental Language Disorder

Learning Outcome
Demonstrate knowledge of the linguistic, academic, and social problems associated with developmental language disorder.

Title
Models of Developmental Language Disorder.

Learning Outcome
Describe general models of developmental language disorder.

Title
Service Issues with Developmental Language Disorder.

Learning Outcome
Describe service delivery issues in the assessment of developmental language disorder.

Title
Assessment Procedures

Learning Outcome
Demonstrate knowledge of assessment procedures to perform the following tasks: screening, qualifying a child for intervention services, determining goals in intervention, predicting the need for future intervention, and measuring progress in intervention.

Title
Treatment of Developmental Language Disorder

Learning Outcome
Describe several approaches to the treatment of developmental language disorder (e.g., focused stimulation).

COMD 433 - Aural Rehabilitation

Course Information

Teaching Area (new)
COMD

Course Number
433

Teaching Area
COMD

Course Title
Aural Rehabilitation

Course Description
Basic principles of hearing assessment and aural rehabilitation in children from birth to eight years.

Department
Communication Disorders

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 323 - Hearing Tests and Measures

Learning Outcomes

Title
Aural Rehabilitation

Learning Outcome
Define aural rehabilitation and explain why the service is critical for those who have a hearing impairment.

Title
Construct Individualized Plan

Learning Outcome
Construct a comprehensive, individualized aural rehabilitation plan that integrates diagnostic procedures, communication strategies, auditory training, counseling, and other appropriate services.

Title
Impact of Hearing Loss

Learning Outcome
Describe the effect of hearing loss on an individual's educational, vocational, social, physical, and emotional well-being.

Title
Diagnostic Procedures in AR Program

Learning Outcome
Differentiate between the diagnostic procedures needed as part of a comprehensive AR program including the diagnosis of hearing loss and rehabilitation by means of amplification, cochlear implants and other assistive listening devices.

COMD 445 - Speech Science

Course Information

Teaching Area (new)
COMD

Course Number
445

Teaching Area
COMD

Course Title
Speech Science

Course Description
Laboratory investigation of scientific bases of normal and disordered speech perception and production; for audiologists and speech language pathologists.

Department
Communication Disorders

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 335 - Introduction to Speech Sound Disorders

Learning Outcomes

Learning Outcome
Demonstrate knowledge and competence in basic principles of speech production, including acoustic and physiological aspects and their measurement.

Learning Outcome
Explain principles and methods of quantifying a variety of speech disorders, based on a sound grasp of the physiologic basis of normal function, with a goal of documenting treatment outcomes.

Learning Outcome
Show understanding of the application of principles from the current research literature in measuring speech performance in preparation for participating in evidence-based practice.

COMD 450 - Professional Practices

Course Information

Teaching Area (new)
COMD

Course Number
450

Teaching Area
COMD

Course Title
Professional Practices

Course Description
Overview of issues related to clinical practice in public schools and other settings.

Department
Communication Disorders

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMD 431 - Developmental Language Disorders
  AND COMD 433 - Aural Rehabilitation
  AND COMD 335 - Introduction to Speech Sound Disorders

Learning Outcomes

Title
Demonstrating Knowledge of Contemporary Professional Issues with respect and civility

Tags
177370, 0, 1

Learning Outcome
Students will demonstrate knowledge of current professional issues: including critical thinking, professional communication, ethics, multiculturalism, diversity, service delivery areas, scope of practice, advocacy, legal rights, and current certification standards through class discussion, presentations, class writings, other application activities, while engaging in respectful and civil dialogue and professional behavior in the course learning community.

Title
Applying the BYU aims to professional practices

Tags
177367, 0, 2

Learning Outcome
Students will understand, apply and interleave the BYU aims to contemporary professional practice issues and recognize the synergy of individual behaviors that are spiritually strengthening, intellectually enlarging, character building leading to lifelong learning and service in their personal and professional lives.

Title
Integrating Personal Leadership skills and decision making for future career

Tags
177368, 0, 3

Learning Outcome
Students will demonstrate personal leadership skills for career decision making and understand professional resources available to them including required certification standards and processes for a career in Speech Language Pathology and or Audiology. Students will also demonstrate understanding of the benefits of their undergraduate education that extend beyond the fields of Speech-Language Pathology and Audiology.

COMD 460 - Capstone Clinical Methods and Observation

Course Information

Course Number
460

Teaching Area
COMD

Course Title
Capstone Clinical Methods and Observation

Course Description
Students will engage in guided clinical observations to learn practical clinical methods in the field of audiology and speech language pathology. Students will also become proficient in understanding and applying the ASHA Code of Ethics, and will learn basic professional writing skills.

Department
Communication Disorders

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- COMD 431 - Developmental Language Disorders
  AND COMD 433 - Aural Rehabilitation
  AND COMD 335 - Introduction to Speech Sound Disorders

Recommended
This is intended as a final semester course. We anticipate that students will have already mastered the fundamentals of human communication in the areas of hearing, language, and speech.

Learning Outcomes

Title
Ethical Issues

Tags
213464, 0, 1, 2023-08-29 08:09:25

Learning Outcome
Discuss potential ethical issues in communication and swallowing disorders

Title
Intervention

Tags
213465, 0, 2, 2023-08-29 08:09:26

Learning Outcome
Describe differences between intervention procedures and intervention activities

Title
Observation

Tags
213466, 0, 3, 2023-08-29 08:09:27

Learning Outcome
Develop skill in creating observation plans with identified goals and methods for collecting data

COMD 493R - Readings

Course Information

Teaching Area (new)
COMD

Course Number
493R

Teaching Area
COMD

Course Title
Readings

Course Description
Directed reading in the field of Communication Disorders. Students meet with the instructor to assemble an individualized reading program in the field and agree upon the topic and organization of the course.

Department
Communication Disorders

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Learning Outcomes

Title
Topic Mastery

Tags
177333, 0

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

Title
Breadth of Knowledge

Tags
177334, 1

Learning Outcome
Students will explain relationships between key concepts in a specialty area.

COMD 494R - Undergraduate Research Experience

Course Information

Teaching Area (new)
COMD

Course Number
494R

Teaching Area
COMD

Course Title
Undergraduate Research Experience

Course Description
Gain laboratory research skills under the supervision of a faculty mentor. Experiences may include, but are not limited to, review of literature, experimental design, data gathering and analysis, interpretation, writing, presenting, and publishing of the research, as determined by the faculty mentor. Experiences will enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.

Department
Communication Disorders

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Permission of faculty mentor.

Note
Each faculty mentor will set the criteria for the letter grades.

COMD 495R - Field Experience in Communication Disorders

Course Information

Teaching Area (new)
COMD

Course Number
495R

Teaching Area
COMD

Course Title
Field Experience in Communication Disorders

Course Description
Supervised experience in a clinical or educational service-delivery setting under the direction of a faculty member.

Department
Communication Disorders

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Other Prerequisites
ComD faculty sponsorship

Learning Outcomes

Title
Reflect on experiences

Tags
177346, 1

Learning Outcome
The students will reflect on and interpret internship experiences.

Title
Range of skills

Tags
177347, 2

Learning Outcome
The students will apply a significant range of skills and abilities in a professional setting

Title
Knowledge to practice

Tags
177348, 3

Learning Outcome
The students will put into practice the knowledge and theories they have learned in university courses in a professional setting.

COMMS 101 - Mass Communication and Society

Course Information

Teaching Area (new)
COMMS

Course Number
101

Teaching Area
COMMS

Course Title
Mass Communication and Society

Course Description
Historical and modern roles of mass media in society, emphasizing media effects on individuals and institutions.

Department
Communications

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Professional Expectations

Tags
186079, 2

Learning Outcome
Students should be acquainted with professional expectations such as meeting expectations.

Title
Critical Thinking

Tags
186080, 4

Learning Outcome
Students should be able to think critically about complex issues related to media and society.

Title
Communication Skills

Tags
186081, 6

Learning Outcome
Students should become proficient communicators by writing in clear, accurate, fair, compelling and--where appropriate--persuasvie ways and by making smooth and compelling verbal presentaitons.

Title
Cultural Dimensions

Tags
186082, 7

Learning Outcome
Students should be able to critique the organizational, economic and social constraints on media.

Title
Media in Society

Tags
186083, 3

Learning Outcome
Students should understand the history and role of professionals and institutions, whose media messages impact society.

Title
Become Professional Media Thinkers

Tags
186084, 1

Learning Outcome
Students should be able to articulate the roles of communicators in their various professions.

Title
Diversity

Tags
186425, 5

Learning Outcome
Students should understand media coverage of multicultural and international peoples. Issues include fairness, accuracy and sensitivity to groups, as well as how media coverage promotes or distorts understanding between different groups and cultures.

COMMS 230 - Introduction to Creative Advertising

Course Information

Teaching Area (new)
COMMS

Course Number
230

Teaching Area
COMMS

Course Title
Introduction to Creative Advertising

Course Description
Principles of creative advertising; critical evaluation of how creativity works with in the context of advertising. Principles of research, ideation, and execution of creative concepts.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
For Comms pre-majors. Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

Learning Outcomes

Title
Creativity

Tags
186085, 1

Learning Outcome
Students will be able to apply the principles of creativity in the context of advertising and how research and insights lead to effective creative executions .

Title
Developing Concepts

Tags
186086, 2

Learning Outcome
Students will be able to develop ideas and execute them in various advertising mediums.

Title
Roles of Copywriter, Art Director, and Content Creator

Tags
186087, 3

Learning Outcome
Students will be able to perform the roles of copywriters, art directors, and content creators within an creative advertising team.

Title
Ethics

Tags
186088, 4

Learning Outcome
Students will apply Gospel-centered values as they learn to create and develop advertising concepts that are ethical and reflects a sensitivity to a diverse audience..

COMMS 235 - Introduction to Public Relations and Advertising

Course Information

Teaching Area (new)
COMMS

Course Number
235

Teaching Area
COMMS

Course Title
Introduction to Public Relations and Advertising

Course Description
An introduction to the principles and practices of public relations and advertising. Students are introduced to the foundational theories and principles of public relations and advertising along with the roles and responsibilities of professionals working in these professions.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
NOTE: For Comms pre-majors and minors. If you are neither and would like to take the course, please contact CFAC advisement:https://advisement.cfac.byu.edu/

Learning Outcomes

Title
Roles of Public Relations and Advertising in Society

Tags
186272, 1

Learning Outcome
Students will be able to critically examine the role of public relations and advertising in society, including how these professions shape and are shaped by culture, economics, and politics.

Title
The Science of Public Relations and Advertising

Tags
186273, 2

Learning Outcome
Students will be able to evaluate public relations and advertising scenarios using social science theories that explain social systems, relationship building, public opinion, persuasion, and behavior change.

Title
Public Relations and Advertising Integration

Tags
186274, 3

Learning Outcome
Students will be able to explain the unique contributions of the public relations and advertising professions as well as how both work together in agency and organizational contexts.

Title
PR, Advertising and the Gospel

Tags
186275, 4

Learning Outcome
Students will be able to identify ethical dilemmas in public relations and advertising practices and evaluate them using ethical frameworks from the profession and the Gospel of Jesus Christ.

COMMS 238 - Introduction to Communications Studies

Course Information

Teaching Area (new)
COMMS

Course Number
238

Teaching Area
COMMS

Course Title
Introduction to Communications Studies

Course Description
Survey of mass communication theory and research; historical and philosophical development of communication theory.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Pre-communications status

Note
Students are expected to attend the first day of class. Failure to do so will adversely affect your grade. Note: COMMS 238 is for Comms Pre-Majors and Minors. If you are not either of these and would like to add this course, please contact our advisement center at (801) 422-3777 and have Pre-Comms or the Comms minor added to your major. You will then be able to add the class. Note: You must be a Pre-Comms major and complete Comms 238 with a "B" grade or better if you wish to apply to the Communications Studies sequence in the School of Communications.

Learning Outcomes

Title
Critical Thinking

Tags
186416, 1

Learning Outcome
Students will demonstrate critical and independent thinking related to the role of communication and society.

Title
Communications Theory and Application

Tags
186428, 1

Learning Outcome
Students will have a deeper understanding of theories and know how to apply them in practical situations.

Title
Inquiry Methods

Tags
186455, 2

Learning Outcome
Students will be able to discuss methods for communications inquiry.

Title
Niche Building

Tags
186461, 3

Learning Outcome
Students will continue to build their own niche within the field and recognize the value of other approaches.

COMMS 239 - Introduction to Multimedia Storytelling

Course Information

Teaching Area (new)
COMMS

Course Number
239

Teaching Area
COMMS

Course Title
Introduction to Multimedia Storytelling

Course Description
An introduction to non-fiction storytelling skills used in content creation, covering a variety of video, visual and written styles.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Premajor status.
Journalism Minor status

Learning Outcomes

Title
Journalism Fundamentals

Tags
186209, 1

Learning Outcome
Students will be able to define the characteristics, purposes, problems, and potential of journalism.

Title
Social media

Tags
186532, 2

Learning Outcome
Students will demonstrate an ability to deploy social media technologies for the purposes of newsgathering, distribution and discourse.

Title
Professional conduct

Tags
186533, 3

Learning Outcome
Students will articulate their own personal code of conduct for best practices of journalism.

Title
Historical context and role

Tags
186534, 4

Learning Outcome
Students will understand the historical context of journalism's evolution and how that history has shaped contemporary practice and the role it plays in a democracy.

Title
Diversity

Tags
186535, 5

Learning Outcome
Students will understand how drawing from a diversity views-whether based on race, gender, or culture-contributes to more complete and accurate reportage.

COMMS 300 - Media Law and Responsibility

Course Information

Teaching Area (new)
COMMS

Course Number
300

Teaching Area
COMMS

Course Title
Media Law and Responsibility

Course Description
Introduction to First Amendment history and press freedom, law, and theory; media regulation and policy; relationship between law and ethics; key ethical issues in professional communications.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status

Note
This class is for Comms majors, minors and for Pre-Comms students who wish to take it during the semester in which they apply to the program. If you are a Pre-Comms student, please see https://comms.byu.edu/after-application/ for information on how to add the class.

Learning Outcomes

Title
Legal Boundaries of Appropriate Use

Tags
186098, 1

Learning Outcome
Students will be able to practice communication within legal boundaries by employing appropriate use of others' work (in attribution, copyright, trademarks, etc.).

Title
Legal Constraints and Defenses

Tags
186099, 2

Learning Outcome
Students will be able to practice communication within legal boundaries by demonstrating an ability to identify legal constraints and defenses that shape mass media messages.

Title
Free Speech Laws and Statutes

Tags
186100, 3

Learning Outcome
Students will be able to practice communication within legal boundaries by writing and constructing messages that meet the laws and statutes applied to free speech.

Title
First Amendment: Press and Speech

Tags
186101, 4

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by knowing how First Amendment rights extend to press and speech.

Title
Historical Development of Free Speech

Tags
186102, 5

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by understanding the historical development of free speech.

Title
Legal and Moral Limits of Free Speech

Tags
186103, 6

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by recognizing the legal and moral limits of free speech.

Title
Current Issues in Free Speech

Tags
186104, 7

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by applying the concepts underlying this principle to current issues.

Title
Preserving Freedom of Speech

Tags
186105, 8

Learning Outcome
Students will demonstrate they value freedom of speech in the marketplace of ideas by by showing a commitment to preserving freedom of speech, even when it may be contrary to majority views, opinions, or values.

Title
Ethical Issues

Tags
186106, 9

Learning Outcome
Students will be able to demonstrate sensitivity to the ethical issues of their practice by becoming familiar with prominent cases that demonstrate ethical issues in the communication industries.

Title
Professional Values and Ethical Behavior

Tags
186107, 10

Learning Outcome
Students will be able to demonstrate sensitivity to the ethical issues of their practice by identifying professional values that contribute to ethical behavior.

Title
Ethical Complications in Professional Practice

Tags
186108, 11

Learning Outcome
Students will be able to demonstrate sensitivity to the ethical issues of their practice by discerning possible ethical complications in professional practice.

Title
Addressing Ethical Concerns in Practice

Tags
186109, 12

Learning Outcome
Students will be able to demonstrate sensitivity to the ethical issues of their practice by defining a communications situation that addresses the ethical concerns of alternative actions or decisions.

Title
Moral Reasoning and Ethics

Tags
186110, 14

Learning Outcome
Students will be able to exercise moral reasoning when faced with ethical dilemmas by articulating the values that underline their ethical framework.

Title
Ethics Theory and Application

Tags
186111, 13

Learning Outcome
Students will be able to exercise moral reasoning when faced with ethical dilemmas by applying principles and theories of ethics to current issues.

Title
Ethics and Gospel-Centered Values

Tags
186112, 15

Learning Outcome
Students will be able to exercise moral reasoning when faced with ethical dilemmas by resolving ethical dilemmas using moral reasoning based on Gospel-centered values.

COMMS 301 - Media History and Culture

Course Information

Teaching Area (new)
COMMS

Course Number
301

Teaching Area
COMMS

Course Title
Media History and Culture

Course Description
Historical and philosophical development of today's media. Approaches may include theories of media change, social responsibility, economic factors, and influential pioneers.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- COMMS 101 - Mass Communication and Society
  AND WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Learning Outcomes

Title
Media Ecology

Tags
186120, 1

Learning Outcome
Students will apply theoretical frameworks from media ecology to analyze the historical development of communications technologies and their societal impact.

Title
International Media Origins

Tags
186121, 3

Learning Outcome
Students will understand the diverse international origins of media technologies and explain the global exchange of ideas.

Title
History of Technology

Tags
186122, 5

Learning Outcome
Students will analyze the technological, social, and cultural systems that shape media messages by examining the infrastructure of media content.

Title
Societal Applications

Tags
186423, 7

Learning Outcome
Students will evaluate case studies of media's influence on religion, family, government, and other contemporary issues, developing critical and well-supported perspectives.

COMMS 302 - Popular Culture and Media

Course Information

Teaching Area (new)
COMMS

Course Number
302

Teaching Area
COMMS

Course Title
Popular Culture and Media

Course Description
Impact of new and traditional media on popular culture. Approaches may include media criticism and cultural theories on the artifacts and drivers of cultural values.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 101 - Mass Communication and Society
  AND WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Note
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade.

Learning Outcomes

Title
Popular Culture and Global Issues

Tags
186123, 1

Learning Outcome
Students will analyze how popular culture both reflects and shapes global values, with particular attention to its influence on family, religion, and constitutional principles.

Title
Cultural Norms

Tags
186124, 2

Learning Outcome
Students will evaluate the role of media in disseminating and reinforcing cultural norms and assess how these norms impact the atmosphere in which they live.

Title
Critical Analysis and Writing

Tags
186125, 3

Learning Outcome
Students will conduct original research that applies visual, critical, rhetorical, and aesthetic media theories to explore the influence of entertainment on contemporary culture.

COMMS 303 - PR and Advertising Leadership and Ethics

Course Information

Course Number
303

Teaching Area
COMMS

Course Title
PR and Advertising Leadership and Ethics

Course Description
Students will strengthen their self-awareness, apply ethical theories and professional codes to real-world dilemmas, and practice collaborative leadership in a organizational communication context.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Leadership Style

Learning Outcome
Students will learn how to assess their personal leadership strengths and weaknesses and use them to foster collaboration across teams, departments, and external environments.

Title
Ethical Orientation

Learning Outcome
Students will be able to apply professional ethical theories and professional codes to resolve ethical dilemmas in PR and advertising contexts.

Title
Teamwork & Relationship Building

Learning Outcome
Students will learn how foster collaboration and effective teamwork by building trust, managing conflict, and promoting shared accountability in teams.

Title
Organizational Culture and Structure

Learning Outcome
Students will be able to evaluate how organizational culture and structure influence leadership and ethical decision-making.

Title
Shared Vision

Learning Outcome
Students will develop the ability to formulate and communicate a compelling vision that aligns organizational actions and communication around a shared purpose

Title
Christ-Centered Leadership

Learning Outcome
Students will apply Christ-centered principles to lead with integrity, align actions and communication with authenticity, and foster ethical and inclusive leadership in public relations and advertising.

COMMS 304 - Media Ethics: Ethical Decision-Making in a Diverse Society

Course Information

Teaching Area (new)
COMMS

Course Number
304

Teaching Area
COMMS

Course Title
Media Ethics: Ethical Decision-Making in a Diverse Society

Course Description
Advanced application of moral reasoning and understanding of ethical issues in mass communication pertaining to diverse and inclusive audiences. Approaches may include current cases and issues, professional practices, and issues of racial and gender diversity within ethical practice.\n

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This class is for Comms majors, minors and for Pre-Comms students who wish to take it during the semester in which they apply to the program. If you are a Pre-Comms student, please see https://comms.byu.edu/after-application/ for information on how to add the class.

Learning Outcomes

Title
Professional Ethics and Conduct

Tags
208329, 0, 1, 2019-04-22 10:03:38

Learning Outcome
Understand the moral foundations, philosophical theories and values underlying the ethics of professional communications, as well as become knowledgeable about basic concepts in applied ethics, such as deception, secrecy, and loyalty.

Title
Effective Communication

Tags
208331, 0, 3, 2019-04-22 10:03:38

Learning Outcome
Demonstrate an ability to produce media that serve the needs and interests of diverse communities, that reflects diverse voices and experiences, and shows sensitivity to the histories, perspectives, political situations, and social narratives of different groups.

Title
Professional Ethics and Conduct

Tags
208332, 0, 4, 2019-04-22 10:03:38

Learning Outcome
Value freedom of speech in the marketplace of ideas and the role of media in a democratic, diverse society, as well as demonstrating an understanding that diversity, civility, and civic engagement are vital issues today.

Title
Gospel-centered Values

Tags
208333, 0, 5, 2019-04-22 10:03:38

Learning Outcome
Critically evaluate media-related ethical issues in light of the gospel of Jesus Christ, and understand the relationships among law, ethics, and religion.

Title
Gospel-centered Values

Tags
208334, 0, 6, 2019-04-22 10:03:38

Learning Outcome
Demonstrate an understanding of the Church of Jesus Christ of Latter-day Saints' position on diversity and how they can contribute to that position.

Title
Diversity

Tags
208330, 0, 2, 2019-04-22 10:03:38

Learning Outcome
Develop moral reasoning skills and judgment mechanisms for informed ethical decision-making, including when faced with issues of difference. Construct a personal ethical framework and demonstrate a commitment to ethical conduct (including respect for diversity and agency) as a professional communicator and as a member of a global, diverse society.

COMMS 305 - Foundations of Journalism and News Literacy

Course Information

Teaching Area (new)
COMMS

Course Number
305

Teaching Area
COMMS

Course Title
Foundations of Journalism and News Literacy

Course Description
Introduces students to the foundations of journalism, including effective writing, ethical reasoning, and an appreciation of news organizations' role and value in societies they serve.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 239 - Introduction to Multimedia Storytelling

Other Prerequisites
Major status.

Learning Outcomes

Title
Writing

Tags
212112, 0, 1

Learning Outcome
Students will be introduced to news writing styles so that they might built upon these skills in subsequent skills classes.

COMMS 306 - Sports Media Research and Strategy

Course Information

Course Number
306

Teaching Area
COMMS

Course Title
Sports Media Research and Strategy

Course Description
Introduces a variety of information-gathering research strategies and techniques, including digital and social media analytics, used to help students to identify and target audiences with sports-related content.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
Majors only.

Learning Outcomes

Title
Research

Tags
213476, 0, 1, 2023-08-29 08:10:21

Learning Outcome
Students will demonstrate ability to employ various research methods to collect and analyze quantitative, digital, and social information for sports organizations.

Title
Ethical Research

Tags
213477, 0, 2, 2023-08-29 08:10:24

Learning Outcome
Students will apply ethical standards to assess data and information for accuracy, effectiveness, reliability, and relevance.

Title
Diversity

Tags
213478, 0, 3, 2023-08-29 08:10:25

Learning Outcome
Students will analyze sport in its diverse mediated forms, including how that information influences gender and minority communities in sports.

Title
Freedom of Information

Tags
213479, 0, 4, 2023-08-29 08:10:27

Learning Outcome
Students will understand the importance of a free, open marketplace of ideas and how those freedoms shape sports mediated content.

Title
Quantitative Evaluation

Tags
213480, 0, 5, 2023-08-29 08:10:28

Learning Outcome
Students will employ research techniques and to contextualize, evaluate, and organize sports data and information. Such methods include, but are not limited to, the use of digital data, social analytics, surveys, and audience participation methodologies.

COMMS 307 - Fundamentals of Communications Action

Course Information

Teaching Area (new)
COMMS

Course Number
307

Teaching Area
COMMS

Course Title
Fundamentals of Communications Action

Course Description
Foundational skills necessary to function in a mass communications environment.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to the major.

COMMS 308 - Research Methods for Journalism

Course Information

Teaching Area (new)
COMMS

Course Number
308

Teaching Area
COMMS

Course Title
Research Methods for Journalism

Course Description
Qualitative and quantitative information-gathering strategies and techniques: interviewing, use of surveys and public records; online information gathering and data base analysis.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Major status

Note
Students are expect to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Research Methods

Tags
186213, 1

Learning Outcome
Students will demonstrate ability to employ various research methods to collect and analyze quantitative data and qualitative information for news. Such methods include, but are not limited to court and other public documents, surveys, and computer databases.

Title
Freedom of Information

Tags
186214, 3

Learning Outcome
Students will understand and defend the value of freedom of information and freedom of speech in the marketplace of ideas.

Title
Ethical Research

Tags
186215, 2

Learning Outcome
Students will apply ethical standards to assess data and information for accuracy, reliability, and relevance.

Title
Quantitative Evaluation

Tags
186216, 6

Learning Outcome
Students will employ research techniques and to contextualize, evaluate, and organize data and information. Such methods include, but are not limited to the use of computer spreadsheets and databases.

COMMS 309 - Creative Advertising Insights and Strategy

Course Information

Teaching Area (new)
COMMS

Course Number
309

Teaching Area
COMMS

Course Title
Creative Advertising Insights and Strategy

Course Description
Research and developing strategy that leads to creative insights.

Department
Communications

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Note
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

Learning Outcomes

Title
Research

Tags
186187, 1

Learning Outcome
Students will be able to conduct research as it relates to developing creative strategies.

Title
Developing Insights

Tags
186188, 2

Learning Outcome
Students will be able to synthesize research and develop creative insights that will lead to unique creative executions.

Title
Research

Tags
186189, 3

Learning Outcome
Students will be scholars of the mass communication process by applying appropriate qualitative research methodologies and protocols and developing the creative brief.

Title
Messages For Good

Tags
186190, 4

Learning Outcome
Students will apply Gospel-centered values as they learn to create messages that have an impact for good.

COMMS 312 - Digital Media Production

Course Information

Teaching Area (new)
COMMS

Course Number
312

Teaching Area
COMMS

Course Title
Digital Media Production

Course Description
Practical application of visual and aural multimedia storytelling; acquisition, editing, and distribution of digital audio and video.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Major status; Comms 300 or concurrent enrollment.

Learning Outcomes

Title
Video and Audio Acquisition

Tags
186542, 1

Learning Outcome
Students will employ fundamental techniques to capture audio and video.

Title
Video and Audio Editing

Tags
186543, 2

Learning Outcome
Students will demonstrate a basic ability to edit audio and video for various uses in the profession.

COMMS 317 - Public Relations and Advertising Rapid Intelligence

Course Information

Teaching Area (new)
COMMS

Course Number
317

Teaching Area
COMMS

Course Title
Public Relations and Advertising Rapid Intelligence

Course Description
This rapid Intelligence course introduces students to the fast-paced practice of applied secondary research and social listening used to inform strategic communication decisions in advertising and public relations. Students will learn to use industry databases, media monitoring platforms, and open-source information to generate quality insights and developed strategies under tight client deadlines. The course emphasizes the need for new age application of tools and approaches that encourage speed, accuracy, and synthesis, preparing students to deliver actionable intelligence that supports client goals. In today's industry, professionals are expected to make smart business decisions with tighter turnarounds while still maintaining excellence in quality.

Department
Communications

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Data Gathering

Learning Outcome
Conduct secondary research using databases, media monitoring tools, and open-source information to address client needs.

Title
Insight Generation

Learning Outcome
Synthesize findings quickly into clear, actionable insights for advertising and public relations contexts.

Title
Social Listening

Learning Outcome
Apply social listening methods to analyze conversations, sentiment, and trends relevant to strategic communication.

Title
Communicate Results

Learning Outcome
Communicate results effectively through professional deliverables including research decks and client presentations.

Title
Speed and Accuracy

Learning Outcome
Learn to support decisions and recommendations with sound data while balancing speed with accuracy and quality.

COMMS 318 - Public Relations and Advertising Human Intelligence

Course Information

Teaching Area (new)
COMMS

Course Number
318

Teaching Area
COMMS

Course Title
Public Relations and Advertising Human Intelligence

Course Description
Research methods and analysis critical to developing strategic public relations and advertising, as well as measuring their effectiveness. An emphasis on interviews, focus groups and survey approaches.

Department
Communications

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Major status

Learning Outcomes

Title
Problem Solving

Tags
186283, 2

Learning Outcome
Become curious problem solvers who know how to ask good questions that cut to the core of public relations problems and focus on public relations outcomes.

Title
Data Collection

Tags
186284, 1

Learning Outcome
Collect data using the qualitative and quantitative research method(s) that will most appropriately and ethically answer public relations research questions.

Title
Data Analysis

Tags
186285, 3

Learning Outcome
Analyze data and generate meaningful, actionable insights grounded in the public relations paradigm that go beyond reporting surface-level findings.

Title
Data Visualization

Tags
186286, 4

Learning Outcome
Present research findings and insights in a way that visually and persuasively tells the data's story to a client audience.

Title
Collaboration

Tags
186287, 5

Learning Outcome
Become better disciples of Jesus Christ who can empathize with others, who see things differently, and who work collaboratively with others to develop recommendations.

COMMS 319 - Communication Research Paradigms

Course Information

Teaching Area (new)
COMMS

Course Number
319

Teaching Area
COMMS

Course Title
Communication Research Paradigms

Course Description
Procedures and design considerations for studying media messages, audiences, and effects. Emphasizes survey and focus group approaches to data collection and analysis.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 101 - Mass Communication and Society
  AND WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major status

Learning Outcomes

Title
Research Orientations

Tags
186419, 1

Learning Outcome
Students will understand and compare major research orientations in media and society, demonstrating their ability to differentiate between theoretical frameworks and assess their practical applications in various communication contexts.

Title
Research Delimmas

Tags
186427, 3

Learning Outcome
Students will critically analyze and evaluate research dilemmas within communication contexts, integrating a spiritual or faith-based perspective to address ethical and contextual challenges in research.

Title
Research Content

Tags
186430, 4

Learning Outcome
Students will apply research techniques to manage and create content for communication channels, particularly focusing on the needs and missions of BYU, demonstrating practical skills in data management and content strategy.

COMMS 320 - PR Writing and Media Relations

Course Information

Teaching Area (new)
COMMS

Course Number
320

Teaching Area
COMMS

Course Title
PR Writing and Media Relations

Course Description
This class teaches students about the relationship between public relations practitioners and journalists/influencers. It helps students learn how to write a variety of earned media materials. The class requires students to develop a writing portfolio that demonstrates their ability to write for journalists/influencers and their audiences.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Major status.

Learning Outcomes

Title
Media Relations

Tags
186311, 1

Learning Outcome
Define media relations and understand relationship building in the earned media environment

Title
Storytelling

Tags
186312, 2

Learning Outcome
Become proficient in identifying the elements of a compelling written story and how to make it relevant to an audience.

Title
PR Writing Techniques

Tags
186313, 3

Learning Outcome
Use the appropriate public relations writing techniques for communicating information, opinion, and human interest stories.

Title
Key Messages

Learning Outcome
Communicate key messages that align to strategic goals using an organization's voice.

Title
Feedback

Learning Outcome
Become better disciples of Jesus Christ who can meekly give and receive feedback given the various principles of good PR writing and structure.

COMMS 321 - Multimedia Reporting

Course Information

Teaching Area (new)
COMMS

Course Number
321

Teaching Area
COMMS

Course Title
Multimedia Reporting

Course Description
Research and reporting skills. Database retrieval, interviewing, and creation of audio, video, and still images. Beat reporting for online media. Lab required.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- COMMS 305 - Foundations of Journalism and News Literacy

Other Prerequisites
COMMS 312 and COMMS 365 or concurrent enrollment.

Learning Outcomes

Title
Information Gathering

Tags
213481, 0, 1, 2023-08-29 08:10:46

Learning Outcome
Students will gather relevant and timely information for use in news content.

Title
Creation of Journalistic Content

Tags
213482, 0, 2, 2023-08-29 08:10:47

Learning Outcome
Students will employ journalistic style in creating news stories for targeted digital audiences.

Title
Professional Comportment

Tags
213483, 0, 3, 2023-08-29 08:10:49

Learning Outcome
Students will develop ability to work well with others in a deadline-driven mass media environment.

Title
Journalistic Values

Tags
213484, 0, 4, 2023-08-29 08:10:51

Learning Outcome
Students will apply behave ethically and report fairly, including a diversity of voices.

COMMS 324 - Feature Writing

Course Information

Teaching Area (new)
COMMS

Course Number
324

Teaching Area
COMMS

Course Title
Feature Writing

Course Description
Creating, writing, and pitching articles for nonfiction magazine markets; effective writing methods; analysis and criticism of articles.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 321 - Multimedia Reporting

Other Prerequisites
Comms 308 or concurrent enrollment.

Learning Outcomes

Title
Feature Writing

Tags
186224, 1

Learning Outcome
Students will create meaningful article ideas and pitch them for niche and general audiences.

Title
Storytelling

Tags
186225, 2

Learning Outcome
Students will learn and apply feature-style storytelling techniques in compelling ways.

Title
Ethical Norms

Tags
186226, 3

Learning Outcome
Students will apply personal ethics and professional norms in reporting and writing.

Title
Freelance Skills

Tags
186227, 4

Learning Outcome
Students will learn business and legal principles associated with freelance writing.

Title
Diversity

Tags
186418, 7

Learning Outcome
Students will learn to include in their writing voices from diverse backgrounds and cultures.

COMMS 325 - Video Reporting

Course Information

Teaching Area (new)
COMMS

Course Number
325

Teaching Area
COMMS

Course Title
Video Reporting

Course Description
Principles and techniques of video reporting. Includes recording and editing reports on campus happenings, government, courts, and other institutions. Lab includes reporting for digital audiences through online platforms.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 321 - Multimedia Reporting
- COMMS 308 - Research Methods for Journalism

Learning Outcomes

Title
Newsgathering

Tags
213485, 0, 1, 2023-08-29 08:10:56

Learning Outcome
Students will gather relevant and timely information for use in video news content.

Title
Content Creation

Tags
213486, 0, 2, 2023-08-29 08:10:57

Learning Outcome
Students will employ journalistic style to create news stories for targeted digital audiences.

Title
Professional Comportment

Tags
213487, 0, 3, 2023-08-29 08:10:59

Learning Outcome
Students will develop the ability to work well with others in a deadline-driven mass media environment.

Title
Ethics and Diversity

Tags
213488, 0, 4, 2023-08-29 08:11:00

Learning Outcome
Students will behave ethically and report fairly, including in their reportage of a diversity of voices.

COMMS 327R - Special Topics in Broadcasting

Course Information

Teaching Area (new)
COMMS

Course Number
327R

Teaching Area
COMMS

Course Title
Special Topics in Broadcasting

Course Description
Includes radio arts, specialty reporting, documentary production, and sports broadcasting.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Other Prerequisites
Instructor's consent

Note
Students are expect to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Variable outcome

Tags
186450, 0

Learning Outcome
Outcomes for this course depend upon the topic being taught and will be published in the syllabus.

COMMS 330 - Creating Advertising Concepts - Portfolio 1.

Course Information

Teaching Area (new)
COMMS

Course Number
330

Teaching Area
COMMS

Course Title
Creating Advertising Concepts - Portfolio 1.

Course Description
Basic consumer advertising; copywriting, design, and layout developed from creative strategies. Solving creative problems.

Department
Communications

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 309 - Creative Advertising Insights and Strategy

Other Prerequisites

Comms 309; major status; software proficiency in InDesign, Adobe Photoshop, and Adobe Illustrator demonstrated by portfolio review.

Learning Outcomes

Title
Message Creation

Tags
186130, 1

Learning Outcome
Students will communicate effectively by creating messages that are salient to their audiences.

Title
Teamwork

Tags
186131, 2

Learning Outcome
Students will act professionally by working in creative teams and presenting their original advertising concepts to selected audiences.

Title
Analysis

Tags
186132, 5

Learning Outcome
Students will be scholars of the mass communication process by critically analyzing and evaluating their own work and other students' work.

Title
Ethics

Tags
186133, 7

Learning Outcome
Students will apply Gospel-centered values as they learn to create appropriate messages for diverse audiences.

COMMS 331 - Creating Advertising Concepts - Portfolio 2.

Course Information

Teaching Area (new)
COMMS

Course Number
331

Teaching Area
COMMS

Course Title
Creating Advertising Concepts - Portfolio 2.

Course Description
Advanced consumer advertising: copywriting, design, and layout.

Department
Communications

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 330 - Creating Advertising Concepts - Portfolio 1.

Other Prerequisites
Software proficiency in InDesign, Adobe Photoshop, and Adobe Illustrator demonstrated by portfolio review.

Note
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

Learning Outcomes

Title
Message Creation

Tags
186135, 1

Learning Outcome
Students will communicate effectively by creating compelling advertising for multiple venues.

Title
Teamwork

Tags
186136, 4

Learning Outcome
Students will learn to act professionally by working in creative teams and presenting their original advertising concepts to industry professionals.

Title
Analysis

Tags
186137, 6

Learning Outcome
Students will be scholars of the mass communication process by critically analyzing and evaluating their own work, other students' work, and industry awarded work.

Title
Ethics

Tags
186138, 8

Learning Outcome
Students will apply Gospel-centered values as they learn to create appropriate messages for diverse audiences.

COMMS 333 - Public Relations and Advertising Digital Intelligence

Course Information

Teaching Area (new)
COMMS

Course Number
333

Teaching Area
COMMS

Course Title
Public Relations and Advertising Digital Intelligence

Course Description
This course introduces students to digital intelligence research and the practice of issues management. You will learn how to gather and analyze internet and social media data to understand culture, audiences, and messages, then apply those insights to shape organizational reputation and trust. Students will earn professional certifications, sharpen their portfolio, and work on projects that mirror industry challenges. More than technical skills, students will develop the strategic judgment and integrity needed to lead organizations through today's fast-changing world.

Department
Communications

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
Major status

Learning Outcomes

Title
Issues Management

Learning Outcome
Explain issues management as a communication framework for understanding how organizations identify, monitor, and respond to issues that affect reputation and trust.

Title
Environmental Scanning

Learning Outcome
Conduct digital environmental scanning by collecting and interpreting data from internet and social media sources to identify emerging issues and cultural trends.

Title
Key Performance Indicators

Learning Outcome
Analyze the performance of messages and conversations across digital channels using common communication metrics.

Title
Insight Generation

Learning Outcome
Generate insights from digital intelligence research that can inform organizational awareness and guide high-level decision-making about issues.

Title
Collaboration

Learning Outcome
Develop as a disciple of Jesus Christ by practicing empathy, integrity, and teamwork, seeing issues from multiple perspectives, and approaching communication challenges with a spirit of service.

COMMS 335 - TV Commercial Production

Course Information

Teaching Area (new)
COMMS

Course Number
335

Teaching Area
COMMS

Course Title
TV Commercial Production

Course Description
Discussing and applying television commercial production principles; creating and executing TV commercial concepts.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status or instructor's consent

Recommended
Comms 330

Learning Outcomes

Title
Scripting

Tags
186424, 0

Learning Outcome
Students will be able to conceptually design and write commercial television scripts.

Title
Ethics & Diversity

Tags
186432, 2

Learning Outcome
Students will develop media that is ethical and reflects a sensitivity to diversity.

Title
Production

Tags
186444, 1

Learning Outcome
Students will learn to apply commercial production principles for television using current technology.

COMMS 337 - Public Relations and Advertising Management

Course Information

Teaching Area (new)
COMMS

Course Number
337

Teaching Area
COMMS

Course Title
Public Relations and Advertising Management

Course Description
This course equips students with the practical skills and approaches needed to successfully manage communications campaigns in both public relations and advertising. Students will learn how to oversee projects from start to finish by learning how to effectively build timelines, manage client budgets, coordinate teams, and ensure client expectations are met. Students will practice tools and workflows used in agencies and communication departments to improve efficiency and accountability.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Management

Tags
186149, 1

Learning Outcome
Students will be able to manage communication projects by creating timelines, budgets, and deliverable schedules for PR and Advertising campaigns.

Title
Communication

Tags
186150, 6

Learning Outcome
Students will be able to write and present clear client communications (emails, briefs, reports, presentations) that keep campaigns moving forward.

Title
Tools

Tags
186151, 8

Learning Outcome
Students will be able to apply project management tools and methods (status meetings, workflow tracking, approval processes) to real campaign scenarios.

Title
Team work and Coordination

Tags
186439, 3

Learning Outcome
Students will be able to coordinate cross-functional teams (creative, media, PR, digital) to ensure campaign elements align and deadlines are met.

Title
Analysis and Optimization

Learning Outcome
Students will be able to analyze and improve campaign workflows, identifying bottlenecks and proposing solutions that enhance efficiency and quality.

Title
Empathy and Understanding

Learning Outcome
Students will learn to manage their work from a place of empathy and understanding as they seek to improve teamwork and collaboration among individuals.

COMMS 350 - Public Relations and Advertising Visual Communication

Course Information

Teaching Area (new)
COMMS

Course Number
350

Teaching Area
COMMS

Course Title
Public Relations and Advertising Visual Communication

Course Description
This class introduces students to the principles and practices of visual communication strategy. Students will learn how to create and evaluate visual content, including graphics, photos, and video, that effectively supports public relations and advertising goals. Emphasis is placed on understanding visual design concepts, applying creative processes, and developing the ability to both produce original visual work and provide constructive feedback in professional contexts.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Major status

Learning Outcomes

Title
Design Principles

Learning Outcome
Assess the appeal of visual communication tactics targeting key publics using design principles.

Title
Video Production

Learning Outcome
Use the video production process for creating engaging online public relations videos.

Title
Storytelling

Learning Outcome
Create communication tactics that apply effective storytelling techniques that strengthen the relationships between the organization and its stakeholders.

Title
Key Messages

Learning Outcome
Communicate key messages in visual communication tactics that align to strategic goals using an organization's voice.

Title
Feedback

Learning Outcome
Become better disciples of Jesus Christ who can meekly give and receive feedback.

COMMS 351 - Media Technology and Audiences

Course Information

Teaching Area (new)
COMMS

Course Number
351

Teaching Area
COMMS

Course Title
Media Technology and Audiences

Course Description
Understanding media content and channels empowering and improving media consumption and interpretation. Approaches may include new technology, social media, consumer behavior, media criticism, and media literacy.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 101 - Mass Communication and Society **AND** WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Learning Outcomes

Title
Emerging Media

Tags
186152, 1

Learning Outcome
Students will analyze and evaluate the impact of AI and emerging media technologies on themselves and larger social systems, particularly in relation to family communication, religious expression, and civic participation.

Title
Tech Content

Tags
186153, 2

Learning Outcome
Students will produce original content on the use of AI and new media platforms to enhance their personal portfolios.

Title
Tech Strategy

Tags
186154, 5

Learning Outcome
Students will create and propose strategies that leverage AI and digital media to promote positive societal outcomes, applying their understanding of how technology influences communication within families, religious communities, and civic spaces.

Title
Comms Theory

Tags
186155, 7

Learning Outcome
Students will synthesize theoretical knowledge and practical applications to predict future trends in media technology, articulating how these innovations might reshape social systems, with particular attention to ethical considerations and community impact.

COMMS 360 - Communication Management Principles and Theory

Course Information

Teaching Area (new)
COMMS

Course Number
360

Teaching Area
COMMS

Course Title
Communication Management Principles and Theory

Course Description
Management principles and theory, emphasizing responsible management benefiting organizations and their stakeholders. Approaches may include crisis communication, media or agency management, and programming.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major or minor status

Note
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Management Actions and Culture

Tags
186156, 1

Learning Outcome
Students should identify how to enhance their personal contribution to an organization by understanding management actions and culture.

Title
Management Tools and Practices

Tags
186157, 2

Learning Outcome
Students should understand various management activities in an organization and learn to apply related technology, tools and practices.

Title
Effective Group Work

Tags
186158, 3

Learning Outcome
Students should learn to work effectively in groups within an increasingly complex organizational environment.

Title
Media Economics

Tags
186159, 6

Learning Outcome
Students should think critically to understand media economics, including the impact of changes in the economy on media organizations and strategic decisions.

Title
Leadership Styles and Approaches

Tags
186160, 8

Learning Outcome
Students should understand leadership styles and approaches to people management. Define a set of leadership principles that you will practice in your career based on your values, ethics and philosophy.

COMMS 365 - Photojournalism

Course Information

Teaching Area (new)
COMMS

Course Number
365

Teaching Area
COMMS

Course Title
Photojournalism

Course Description
Shooting, processing, selecting, and preparing images for use in various news platforms.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Other Prerequisites
Instructor's consent is required if students have not completed

Learning Outcomes

Title
Evaluating Photographs

Tags
186236, 1

Learning Outcome
Students will judge newsworthiness of photographic images.

Title
Storytelling

Tags
186237, 3

Learning Outcome
Students will use photographic images and audio to tell stories.

Title
Ethics & Law

Tags
186238, 4

Learning Outcome
Students will behave ethically, professionally and within legal boundaries.

Title
Diversity

Tags
186239, 5

Learning Outcome
Students will take care to represent diversity in photography of subjects.

Title
News Photography

Tags
186437, 2

Learning Outcome
Students will effectively document news subjects with photographic images.

COMMS 370R - Special Topics in Communications

Course Information

Teaching Area (new)
COMMS

Course Number
370R

Teaching Area
COMMS

Course Title
Special Topics in Communications

Course Description
Subject matter may vary. Specific topics emphasizing general issues related to all mass communication.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Major or minor status

Learning Outcomes

Title
Outcomes specific to topic

Tags
186453, 0

Learning Outcome
Students will be given learning outcomes that are specific to the topic being taught.

COMMS 371R - Special Topics in Advertising

Course Information

Teaching Area (new)
COMMS

Course Number
371R

Teaching Area
COMMS

Course Title
Special Topics in Advertising

Course Description
Subject matter may vary. Specific topics emphasizing general issues related to advertising. Course offering an in-depth study of a specialized advertising topic. Explores either a conceptual, practical, or emerging trend within the current discipline, or focuses on a particular project such as Creative Award Show.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 309 - Creative Advertising Insights and Strategy

Learning Outcomes

Title
Special Topics Explorations

Learning Outcome
Students will be able implement a variety of expertise to their creative work.

COMMS 372 - Advertising Channel Planning

Course Information

Teaching Area (new)
COMMS

Course Number
372

Teaching Area
COMMS

Course Title
Advertising Channel Planning

Course Description
This course introduces students to advertising channel planning, emphasizing the strategic and creative use of media to achieve business goals. Students will learn the full planning process and will be required to set objectives, identify target audiences, analyze media habits, and choose channels that can maximize impact. Students will also master foundational concepts and calculations regularly used in the discipline as they justify strategic media choices.

Department
Communications

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Planning Strategy

Tags
186145, 1

Learning Outcome
Students will learn how to create strategic channel plans that align advertising objectives with consumer insights and media opportunities.

Title
Media Concepts

Tags
186146, 2

Learning Outcome
Students will master foundational media concepts (reach, frequency, GRPs, CPM, share of voice, etc.) essential to professional media planning and buying.

Title
Creative Thinking

Tags
186147, 3

Learning Outcome
Students will develop their ability to think creatively about channel selection, showing how innovative use of media enhances campaign impact.

Title
Teamwork and Collaboration

Tags
186148, 6

Learning Outcome
Students will develop their ability to work in teams to research, plan, and present an advertising media strategy using industry-standard tools and language.

Title
Ethics and Cultural Sensitivity

Learning Outcome
Students will be able to evaluate and justify channel choices based on efficiency, effectiveness, ethics, and cultural sensitivity.

Title
Honoring Agency

Learning Outcome
"Become a better disciple of Jesus Christ by recognizing the value of delivering messages that honor and respect individual agency.

COMMS 373R - Public Relations and Advertising Special Topics

Course Information

Course Number
373R

Teaching Area
COMMS

Course Title
Public Relations and Advertising Special Topics

Course Description
Subject matter may vary. Specific topics related to current issues, specializations, and practice areas related to public relations and advertising.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status

Learning Outcomes

Title
Understand a specialization

Learning Outcome
Understand the professional context and academic research related to a public relations or advertising specialization

Title
Make connections

Learning Outcome
Apply theories, principles, and processes of public relations or advertising to a specialized practice area

Title
Communication integrity

Learning Outcome
Understand how to navigate moral decision making in a specialized practice area as a disciple of Jesus Christ

COMMS 381 - International Media Systems

Course Information

Teaching Area (new)
COMMS

Course Number
381

Teaching Area
COMMS

Course Title
International Media Systems

Course Description
Comparison of media systems in countries and regions outside the United States. Approaches may include media systems analysis, normative theories of the media, and cultural values and norms.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Communications or international relations major or minor status

Learning Outcomes

Title
Communication, Modernization, and Development

Tags
186161, 1

Learning Outcome
Students will learn the role of communication in modernization and development.

Title
Media Systems History

Tags
186162, 2

Learning Outcome
Students will learn the history and development of media systems in nations around the world.

Title
Media Systems and International Events

Tags
186163, 3

Learning Outcome
Students will learn the role of media systems in various countries and some international events that effect them.

Title
International Communication

Tags
186164, 4

Learning Outcome
Students will learn the barriers and challenges to development and communication in different countries or regions.

Title
Conflict and Oppression of Communication

Tags
186165, 5

Learning Outcome
Students will learn about the conflict and oppression of freedom of communications.

Title
Communication Challenges

Tags
186166, 6

Learning Outcome
Students will appreciate the communication challenges facing different peoples.

Title
Diversity and Communication

Tags
186167, 7

Learning Outcome
Students will experience increased respect for diversity of cultures and of the forms of communication.

Title
Freedom of Expression

Tags
186168, 10

Learning Outcome
Students will recognize freedom of expression as a basic (yet relatively rare) human right.

COMMS 382 - Issues in Global Communication

Course Information

Teaching Area (new)
COMMS

Course Number
382

Teaching Area
COMMS

Course Title
Issues in Global Communication

Course Description
Issues relating to communicating in a global village. Approaches may include global information and policy, cultural imperialism, intercultural interaction, and multinational communication strategies.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Communications or international relations major or minor status

Learning Outcomes

Title
Global Mass Communications

Tags
186169, 1

Learning Outcome
Students will explore the phenomena of global mass communications, focussing on the role of international communications in the modern world.

Title
21st Century Changes in Global Communication

Tags
186170, 5

Learning Outcome
Students will analyze global change in the Twenty-first Century, including the various instruments for international communication.

Title
Ethics and Diversity in International Communication

Tags
186171, 7

Learning Outcome
Students will discuss ethics in international communication, including the problems of cultural communication between ethnic groups and diverse nationalities.

Title
Socio-Political Challenges and International Communications

Tags
186172, 9

Learning Outcome
Students will examine some of the major political and humanitarian challenges of our times and the impact of international communications upon them.

Title
Technology Development and International Communication

Tags
186173, 11

Learning Outcome
Students will study the technological developments that are making the flow of international information faster and more open, as well as the impediments and obstructions with which some governments and individuals attempt to impede that flow.

Title
Vehicles, Sources, and Audiences of International Communication

Tags
186174, 2

Learning Outcome
Students will examine the diversity of vehicles, sources, and audiences of global communication, as well as the motivations of individuals, governments, and groups involved in the dissemination of information internationally.

COMMS 384 - Editing for News Media

Course Information

Teaching Area (new)
COMMS

Course Number
384

Teaching Area
COMMS

Course Title
Editing for News Media

Course Description
Management and editing of newsflow in digital-first environment. Lab includes managing and editing news platforms.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- COMMS 308 - Research Methods for Journalism
  AND COMMS 321 - Multimedia Reporting

OR

Prerequisites

Complete ALL of the following Courses:

- COMMS 308 - Research Methods for Journalism
  AND COMMS 328 - Backpack Journalism (Inactive)

Other Prerequisites

Complete two of the following three courses: Comms 313, Comms 314, Comms 315.

Learning Outcomes

Title
Ethical Management of Newsflow

Tags
186240, 3

Learning Outcome
Students will demonstrate ability to recognize and edit news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (such as defamation).

Title
Diversity

Tags
186241, 8

Learning Outcome
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

Title
Visual Storytelling

Tags
186557, 5

Learning Outcome
Students wil develop and employ skills using industry standard software to engage in visual storytelling.

Title
Platform management

Tags
186558, 1

Learning Outcome
Students will manage content on multiple digital platforms.

COMMS 385 - Television News Producing

Course Information

Teaching Area (new)
COMMS

Course Number
385

Teaching Area
COMMS

Course Title
Television News Producing

Course Description
Theory and practice of producing and presenting information for television. Role of television news in society, nature of audiences, production techniques, and TV news management. Lab includes producing daily television newscast.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- COMMS 308 - Research Methods for Journalism
  AND COMMS 325 - Video Reporting

OR

Prerequisites

Complete ALL of the following Courses:

- COMMS 308 - Research Methods for Journalism
  AND COMMS 328 - Backpack Journalism (Inactive)

Other Prerequisites

Complete two of the following three courses: Comms 313, Comms 314, Comms 315.

Learning Outcomes

Title
Analysis of Newscasts and Audiences

Tags
186242, 1

Learning Outcome
Students will critically analyze newscasts and their audiences.

Title
Diversity

Tags
186243, 2

Learning Outcome
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

Title
Newsroom Leadership

Tags
186244, 3

Learning Outcome
Students will demonstrate excellent leadership and team-building skills in a deadline-driven newsroom environment.

Title
News Producing

Tags
186245, 5

Learning Outcome
Students will use editorial judgment, broadcast news writing and editing skills, and television producing methods to produce a 30-minute, live television newscast.

Title
Technology

Tags
186246, 7

Learning Outcome
Students will use industry-standard editing and production tools to produce a daily 30 minute newscast.

Title
News Editing

Tags
186247, 9

Learning Outcome
Students will demonstrate an ability to recognize and edit broadcast news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (including defamation).

COMMS 386 - Sports Communication

Course Information

Teaching Area (new)
COMMS

Course Number
386

Teaching Area
COMMS

Course Title
Sports Communication

Course Description
A comprehensive examination of the current practices, techniques, and professional theories associated with sports communications. Specific attention and instruction will be given to two general areas of expertise and potential career development: 1) Creating communication assets including video, visual, written, and social media production and analytics, and 2) Establishing and maintaining working relationships with a variety of sports entities, including teams, leagues, and other related organizations.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 321 - Multimedia Reporting
- COMMS 306 - Sports Media Research and Strategy

Learning Outcomes

Title
Sports Communication skills

Tags
210009, 2

Learning Outcome
Students will apply basic storytelling skills and information sharing tools (observation, information, dissemination, social media practices, and video production) to create and distribute sports communications for BYU extramural sports teams.

Title
Role of sports communication

Tags
210008, 1

Learning Outcome
Students will explore the roles of sports communication in the wider landscape of sports media.

COMMS 395R - International Media Studies Abroad

Course Information

Teaching Area (new)
COMMS

Course Number
395R

Teaching Area
COMMS

Course Title
International Media Studies Abroad

Course Description
Study Abroad course emphasizing media and culture of region selected.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reflection

Tags
186528, 1

Learning Outcome
Students will reflect on and process an IMS abroad experience, relating it to the a communications profession.

Title
Diversity

Tags
186529, 2

Learning Outcome
Students will reflect on the role racial and cultural diversity plays in communications.

COMMS 396R - Communications Practicum

Course Information

Teaching Area (new)
COMMS

Course Number
396R

Teaching Area
COMMS

Course Title
Communications Practicum

Course Description
Practice and projects in communication.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Other Prerequisites
Instructor's consent and approval of task or projects.

Learning Outcomes

Title
Practicum

Tags
186443, 0

Learning Outcome
Students will meet practicum outcomes for a specific project or activity as specified the instructor.

COMMS 399R - Academic Internship

Course Information

Teaching Area (new)
COMMS

Course Number
399R

Teaching Area
COMMS

Course Title
Academic Internship

Course Description
Professional field experience.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Major status; departmental consent

Note
An APPROVED Internship Application is required before adding. Note: Department approval must be obtained online at commsinternship.byu.edu prior to registering.

Learning Outcomes

Title
Experiential learning

Tags
186448, 0

Learning Outcome
Students will use coursework knowledge in a practical, professional setting with the support of a practitioner and faculty advisor.

COMMS 406 - Media and the First Amendment

Course Information

Teaching Area (new)
COMMS

Course Number
406

Teaching Area
COMMS

Course Title
Media and the First Amendment

Course Description
Advanced understanding of media law, policy, and regulation of free speech and press. Approaches may include Freedom of Information, rights of press, government control, and legal precedents regarding the First Amendment.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 300 - Media Law and Responsibility

Other Prerequisites
Major status.

Learning Outcomes

Title
Freedom of Speech and Social Issues

Tags
186175, 1

Learning Outcome
Students will gain increased appreciation of freedom of speech in the marketplace of ideas and apply this concept to current social issues.

Title
Social Advocacy and Government Policy

Tags
186176, 2

Learning Outcome
Students will understand the importance of social advocacy in a democracy to reinforce the concept that both media and citizens have unique opportunities to influence the direction of both government policies and public opinion.

Title
Critical Thinking

Tags
186177, 3

Learning Outcome
Students think critically about the relationship between mass media and society and articulate the positive and negative effects of mass media practices on society.

Title
Consumer Communication Interaction

Tags
186178, 4

Learning Outcome
Students will become more professional by understanding the complex interaction between consumers (public opinion), the news media, the legal process, and lobbying by corporations, associations, and other advocacy groups.

Title
Professional Communication Skills and Strategy

Tags
186179, 7

Learning Outcome
Students will learn to apply professional and strategic communications skills to social advocacy situations.

COMMS 409 - Advertising Strategy

Course Information

Course Number
409

Teaching Area
COMMS

Course Title
Advertising Strategy

Course Description
This course explores the practice of brand strategy, focusing on uncovering the human insights that fuel powerful brand strategies and inspire creative campaigns. Students will move beyond surface observations to identify the deeper truths that connect people and brands.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Insights

Learning Outcome
Students will be able to take primary and secondary research observations and translate them into deeper consumer insights.

Title
4Cs

Learning Outcome
Students will understand how to build a compelling brand strategy from insights on the category, client, consumer, and culture .

Title
Creative Briefs

Learning Outcome
Students will be able to produce inspiring brand models and creative briefs that inform effective creative work.

Title
Communication

Learning Outcome
Students will be able to present insights and strategies clearly and persuasively.

Title
Empathy

Learning Outcome
Students will consider the role of empathy and perspective-taking as a means for growing Christ-like attributes and deep understanding.

COMMS 411 - Media Effects and Health

Course Information

Teaching Area (new)
COMMS

Course Number
411

Teaching Area
COMMS

Course Title
Media Effects and Health

Course Description
Effects resulting from the interaction between media and members of society. Approaches may include self-image, sterotypes, violence, and other social constructs and behaviors involving media consumption and health topics.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 101 - Mass Communication and Society **AND** WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Media Theory

Tags
186180, 1

Learning Outcome
Students will analyze foundational media effects theories to understand their application to contemporary media landscapes.

Title
Media and Social Well-being

Tags
186181, 2

Learning Outcome
Students will evaluate the impact of media violence, sexual content, constant-connectedness with online environments, and their effects on mental health and well-being at both individual and societal levels.

Title
Media and Personal Well-being

Learning Outcome
Students will apply theoretical frameworks to assess their media usage patterns and reflect on the implications for personal well-being and societal influence.

Title
Media Strategy

Learning Outcome
Students will design strategies to critically engage with media content, promoting media literacy and health communication practices that address the effects of media on individual well-being and public health.

COMMS 416 - Civic Communication and Public Advocacy

Course Information

Teaching Area (new)
COMMS

Course Number
416

Teaching Area
COMMS

Course Title
Civic Communication and Public Advocacy

Course Description
Communication principles, theories, and approaches applied to effect social change. Approaches may include public policy, grass roots advocacy, social marketing, and social movements.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major or minor status

Learning Outcomes

Title
Social and Political Advocacy

Tags
186182, 1

Learning Outcome
Develop advanced skills in public speaking, persuasion, and social advocacy through the presentation of content across multiple contexts.

Title
Lifelong Learning and Responsible Media Use

Tags
186183, 2

Learning Outcome
Deepen abilities for media literacy competencies, specifically in efforts to think critically and articulate the positive and negative effects of mass media practices on society.

Title
Effects of Mass Media on Society

Tags
186184, 3

Learning Outcome
Analyze the role of digital and traditional media in shaping public opinion and policy.

Title
Social and Political Advocacy

Tags
186186, 5

Learning Outcome
Partner with the Wheatley Institute, Civic Leadership minor, or similar campus entities for real-life opportunities related to social issues, family, and religion.

COMMS 420 - Advanced Print Reporting

Course Information

Teaching Area (new)
COMMS

Course Number
420

Teaching Area
COMMS

Course Title
Advanced Print Reporting

Course Description
News coverage of government, courts, education, business, international, or legal issues.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- COMMS 384 - Editing for News Media

OR

Prerequisites

Complete ALL of the following Courses:

- COMMS 385 - Television News Producing

OR

Prerequisites

Complete ALL of the following Courses:

- COMMS 386 - Sports Communication

Learning Outcomes

Title
Source Evaluation

Tags
186251, 1

Learning Outcome
Students will demonstrate a high-level ability to evaluate the relative value and reliability of news information coming from a variety of sources, including anonymous and other sources.

Title
Enterprise Journalism

Tags
186252, 2

Learning Outcome
Students will understand the pitfalls and merits of investigative journalism and apply ethical standards in producing news reporting that benefits the community.

Title
Writing

Tags
186253, 3

Learning Outcome
Students will demonstrate professional-level writing skill in researching, writing and producing journalism content that has constructive purpose, depth, and perspective.

Title
Diversity

Tags
186254, 4

COMMS 422 - Newsroom Leadership

Course Information

Teaching Area (new)
COMMS

Course Number
422

Teaching Area
COMMS

Course Title
Newsroom Leadership

Course Description
Advanced concepts in newsroom management, ranging from editorial conceptualization and news judgment to copy editing, headline writing, and page design. Lab includes fulfilling senior editing positions.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 384 - Editing for News Media

Learning Outcomes

Title
Leadership and management concepts

Tags
186559, 1

Learning Outcome
Students will supervise newsroom personnel to demonstrate advanced leadership and knowledge of newsroom management concepts.

Title
News Judgment

Tags
186560, 2

Learning Outcome
Students will demonstrate critical thinking and advanced news judgment related to story selection and approval of copy.

Title
Headlines and page design

Tags
186561, 3

Learning Outcome
Students will demonstrate a mastery of headline writing and basic page design.

Title
Ethics and law

Tags
186562, 4

Learning Outcome
Students will demonstrate mastery of editing news content to avoid ethical pitfalls, such as plagiarism and fabrication, and legal problems, including defamation.

Title
Diversity

Tags
186563, 5

Learning Outcome
Students will ensure editorial content reflects a diversity of viewpoints and is representative of all people.

COMMS 426 - Persuasion in the Media Age

Course Information

Teaching Area (new)
COMMS

Course Number
426

Teaching Area
COMMS

Course Title
Persuasion in the Media Age

Course Description
A contemporary approach to examining theories, empirical research, and rhetorical practices pertaining to persuasion as well as the broader perspective of social influence. Emphasizes how media impacts persuasive practices and draws upon examples from advertising, public relations, journalism, popular culture, etc.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Communications major or minor status

Learning Outcomes

Title
Theory and research

Tags
210016, 0, 1

Learning Outcome
Students will examine theories and research pertaining to persuasion as well as the broader perspective of social influence.

Title
Theory and strategy

Tags
210017, 0, 2

Learning Outcome
Students will develop an understanding of theory that will prove useful in generating strategies to promote attitude change in a variety of communication contexts and to become more critical consumers of persuasion.

COMMS 433 - Advanced Advertising Concepting - Portfolio 3

Course Information

Teaching Area (new)
COMMS

Course Number
433

Teaching Area
COMMS

Course Title
Advanced Advertising Concepting - Portfolio 3

Course Description
Capstone course in creating consumer advertising concepts, copywriting, design, and layout. Emphasizes finished portfolios.

Department
Communications

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 331 - Creating Advertising Concepts - Portfolio 2.

Learning Outcomes

Title
Portfolio Preparation

Tags
186191, 1

Learning Outcome
Students will prepare a portfolio worthy of positive reviews by top creative directors in the country's best ad agencies.

Title
Show Submissions

Tags
186192, 2

Learning Outcome
Students will prepare advertising materials for submission to the creative awards shows and other venues, leading to internships, scholarships and advanced career placement.

Title
Strategic Thinking and Creativity

Tags
186193, 5

Learning Outcome
Students will experience a stimulating and challenging atmosphere in which to continue improving strategic thinking processes and creative skills.

COMMS 436 - Public Relations Strategy

Course Information

Teaching Area (new)
COMMS

Course Number
436

Teaching Area
COMMS

Course Title
Public Relations Strategy

Course Description
This course provides students with a deep dive into the strategic planning process involved in putting together and coordinating organizational public relations efforts. Students will learn what is involved in developing, implementing, and evaluating public relations programs. The course will utilize cases from wide range of actual public relations problems confronting business, government, education, and other institutions.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Strategic Planning Process

Learning Outcome
Define and understand each step of the strategic campaign planning process in public relations

Title
Critical Strategic Thinking

Learning Outcome
Make strategic decisions for each step in the campaign planning process through critical strategic thinking

Title
Effectiveness

Learning Outcome
Be proficient in linking the steps of the planning process together to produce effective campaigns.

Title
Ethical Planning

Learning Outcome
Develop planning that will withstand ethical scrutiny according to the PRSA code of ethics.

Title
Empathy

Learning Outcome
Become better disciples of Jesus Christ who can address the unique needs, perspectives, and motivations of diverse publics.

COMMS 480 - Media Ethics and Moral Reasoning

Course Information

Teaching Area (new)
COMMS

Course Number
480

Teaching Area
COMMS

Course Title
Media Ethics and Moral Reasoning

Course Description
Advanced application of moral reasoning and understanding of ethical issues in mass communication. Approaches may include current cases and issues, professional practices, and philosophical foundations of ethics.

Department
Communications

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Comms 300 or instructor's consent

Learning Outcomes

Title
Communication Ethics Fundamentals

Tags
186194, 1

Learning Outcome
Students will understand the moral foundations, philosophical theories and values underlying the ethics of professional communications, and the role of the media in a democratic society.

Title
Moral Reasoning and Ethical Decision-Making

Tags
186195, 2

Learning Outcome
Students will develop moral reasoning skills and judgment mechanisms for informed ethical decision-making; for applying with precision, clarity, and subtlety a systematic, normative approach to the consideration, discussion and judgment of ethical dilemmas.

Title
Assessing Moral Arguments

Tags
186196, 3

Learning Outcome
Students will understand and assess moral arguments.

Title
Applied Ethics

Tags
186197, 4

Learning Outcome
Students will become knowledgeable about basic concepts in applied ethics such as deception, secrecy, loyalty, universality, reciprocity, etc.

Title
Law, Ethics, and Religion

Tags
186198, 5

Learning Outcome
Students will understand the relationships among law, ethics, and religion.

Title
Professional Ethics and Conduct

Tags
186199, 6

Learning Outcome
Students will develop a personal ethical framework and a commitment to ethical conduct as a professional communicator and as a member of society.

COMMS 481 - Family, Gender, and Media

Course Information

Teaching Area (new)
COMMS

Course Number
481

Teaching Area
COMMS

Course Title
Family, Gender, and Media

Course Description
Applying critical theory to the interaction between media and underrepresented groups in society. Approaches may include stereotypes and portrayals, access to media, participation, and media ownership.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- COMMS 101 - Mass Communication and Society
  AND WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Learning Outcomes

Title
Diversity

Tags
186200, 1

Learning Outcome
Understand and analyze different media theories related to family communications and dynamics, encompassing issues of gender, race, socio economic class, etc.,.

Title
Theoretical foundation

Tags
186201, 4

Learning Outcome
Be introduced to important theories and case studies in family comms.

Title
Practice and application

Learning Outcome
Develop strategies for effective communication about media within families.

Title
Spiritual integration

Learning Outcome
Apply gospel truths as shared through The Family Proclamation to research related to families, gender, and media

COMMS 482 - Religion, Media, and Society

Course Information

Teaching Area (new)
COMMS

Course Number
482

Teaching Area
COMMS

Course Title
Religion, Media, and Society

Course Description
The interaction of media, world religions, and beliefs. Approaches may include media coverage and portrayal of religion, religions' use of media, conflict between the two, and communicating across religious cultures.

Department
Communications

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 101 - Mass Communication and Society
  AND WRTG 150 - Writing and Rhetoric

Other Prerequisites
Major or minor status

Note
Students are expected to attend the first day of class. Failure to do so may adversely affect your grade. Note: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Issues in Contemporary Media and Religion

Tags
186202, 1

Learning Outcome
Students will Investigate the impact of digital media on societal values, behavior, and communication practices, particularly as it relates to global faith traditionssues.

Title
Communication Practice and Theory

Tags
186203, 4

Learning Outcome
Students will learn effective communication strategies for promoting understanding and cooperation between people of faith and no faith.

Title
Media's role in promoting faith

Learning Outcome
Students will examine the role of media in shaping religious perceptions, promoting faith-based initiatives, and supporting religious freedom.

COMMS 483 - Advanced Communications Studies

Course Information

Teaching Area (new)
COMMS

Course Number
483

Teaching Area
COMMS

Course Title
Advanced Communications Studies

Course Description
Contemporary developments in communication theory, research, and practice.

Department
Communications

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- COMMS 301 - Media History and Culture
  AND COMMS 319 - Communication Research Paradigms
  AND COMMS 302 - Popular Culture and Media
  AND COMMS 351 - Media Technology and Audiences

Learning Outcomes

Title
Contemporary Communications Practice

Tags
186421, 3

Learning Outcome
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about issues in contemporary practice of communications and other professions.

Title
Communication, Technology, and Society

Tags
186422, 2

Learning Outcome
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about the social role and effects of communications and communications technologies in society.

Title
Professional Preparation and Strategy

Tags
186441, 5

Learning Outcome
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about strategies for bridge-building from school to work and/or from undergraduate to graduate studies.

Title
Communications Ethics and Ethical Theory

Tags
186447, 4

Learning Outcome
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about ethical issues that confront communicators, and ethical theory that can guide ethical decision making; the moral responsibility of professional communicators to make a positive difference within their sphere of influence.

Title
Communication Issues in Contemporary Society

Tags
186454, 1

Learning Outcome
Students will be able to discuss, to think critically and analytically about, and to write knowledgeably about current literature and research related to communications issues in contemporary society.

COMMS 484 - Publication Graphics and Production

Course Information

Teaching Area (new)
COMMS

Course Number
484

Teaching Area
COMMS

Course Title
Publication Graphics and Production

Course Description
Layout and graphics for publications. Contemporary practices in production.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 313 - Media Design and Graphics (Inactive)
  AND COMMS 365 - Photojournalism

Other Prerequisites
Departmental consent for students outside the major.

Learning Outcomes

Title
Visual Communication

Tags
186248, 1

Learning Outcome
Students will identify and utilize industry terms, theories, and models to analyze and discuss visual communication.

Title
Design

Tags
186249, 2

Learning Outcome
Students will create printed and electronic designs that are clear, relevant, and compelling.

Title
Production

Tags
186250, 3

Learning Outcome
Students will demonstrate a mastery of production techniques, using industry-standard software.

Title
Ethics and Legal

Tags
186468, 4

Learning Outcome
Students will employ appropriate ethical and legal use of others' work, including photos, artwork, trademarks, etc.

COMMS 485 - Public Relations Campaigns

Course Information

Teaching Area (new)
COMMS

Course Number
485

Teaching Area
COMMS

Course Title
Public Relations Campaigns

Course Description
Capstone course applying communication principles to internal and external publics; fact finding, planning, and evaluating social interrelationships; major campaigns for selected clients.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 436 - Public Relations Strategy

Recommended
COMMS 360

Note
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Problem Solving

Learning Outcome
Solve public relations problems for clients with intelligence and creativity

Title
Strategic Thinking

Learning Outcome
Create data-driven public relations strategies

Title
Collaboration

Learning Outcome
Collaborate in teams to produce work that exceeds client expectations

Title
Presentation

Learning Outcome
Present research and analytical findings orally and graphically in a clear, precise and efficient manner

Title
Career and Service

Learning Outcome
Develop career or service objectives and strategies for the next five years after graduation that align with the Lord's will for your life.

COMMS 486 - Advanced Broadcast Reporting

Course Information

Teaching Area (new)
COMMS

Course Number
486

Teaching Area
COMMS

Course Title
Advanced Broadcast Reporting

Course Description
In-depth broadcast news coverage of major public issues and trends. Formats may include daily news reports, series, and documentaries.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- COMMS 385 - Television News Producing

OR

Prerequisites

Complete ALL of the following Courses:
- COMMS 386 - Sports Communication

OR

Prerequisites

Complete ALL of the following Courses:
- COMMS 384 - Editing for News Media

Note
Students are expected to attend the first day of class. Failure to do so may adversely affect grades.

Learning Outcomes

Title
Storytelling Techniques

Tags
186255, 1

Learning Outcome
Students will demonstrate proficiency in the techniques of visual and aural storytelling by creating advanced-level broadcast news stories.

Title
Professional Preparation

Tags
186256, 2

Learning Outcome
Understanding the nature of changes in the broadcast profession, students will create portfolios of their work in order to gain employment.

Title
Ethics

Tags
186257, 3

Learning Outcome
Students will employ and defend ethical principles expected in a free and diverse society.

Title
Diversity

Tags
186258, 4

Learning Outcome
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

COMMS 488 - Advanced Broadcast Producing

Course Information

Teaching Area (new)
COMMS

Course Number
488

Teaching Area
COMMS

Course Title
Advanced Broadcast Producing

Course Description
Advanced concepts in television news producing, news judgment, audiences and newsroom leadership.

Department
Communications

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- COMMS 385 - Television News Producing

OR

Prerequisites

Complete ALL of the following Courses:

- COMMS 384 - Editing for News Media

Other Prerequisites

instructor's consent.

Note

Students are expected to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Newsroom Management

Tags
186259, 2

Learning Outcome
Students will supervise newsroom personnel to demonstrate advanced leadership and knowledge of newsroom management concepts.

Title
News Judgment

Tags
186260, 4

Learning Outcome
Students will demonstrate critical thinking and advanced news judgment related to story selection and approval of newscasts.

Title
Audience Analysis

Tags
186261, 5

Learning Outcome
Students will analyze news ratings, audience surveys and related scholarly research.

Title
Ethics

Tags
186262, 6

Learning Outcome
Students will demonstrate mastery of editing news content to avoid ethical pitfalls (such as plagiarism and fabrication) and legal problems (including defamation).

Title
Editing

Tags
186263, 7

Learning Outcome
Students will demonstrate mastery in newswriting, editing, and presentation of images for broadcast.

Title
Diversity

Tags
186264, 8

Learning Outcome
Students will ensure editorial contect reflects a diversity of viewpoints and is representatitve of all people.

Title
Technology

Tags
186265, 9

Learning Outcome
Students will employ industry-standard technology relevant to the dissemination of broadcast news.

COMMS 489 - Creative Advertising Culmination Experience

Course Information

Teaching Area (new)
COMMS

Course Number
489

Teaching Area
COMMS

Course Title
Creative Advertising Culmination Experience

Course Description
This course will serve as a creative culminating experience within the program. Students will take all of their knowledge and experience gained in the program to create a final project of their choice.

Department
Communications

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- COMMS 433 - Advanced Advertising Concepting - Portfolio 3

Note
Students are expected to attend the first day of class; failure to do so may adversely affect grades.

Learning Outcomes

Title
Research and Insights

Tags
186205, 2

Learning Outcome
Students will be able to develop insights from the research they've produced.

Title
Creative Executions

Tags
186207, 3

Learning Outcome
Students will be able to take the insights gained from their research and produce a high quality creative campaign.

Title
Messages That Matter

Tags
186208, 6

Learning Outcome
Students will apply Gospel-centered values as they choose topics and create messages that will have an impact on society.

Title
Real World Experience

Tags
186206, 0, 1

Learning Outcome
Students will be able to create messages that matter and learn how to get one's message out in the real world.

COMMS 490 - Media Innovations Capstone

Course Information

Teaching Area (new)
COMMS

Course Number
490

Teaching Area
COMMS

Course Title
Media Innovations Capstone

Course Description
Synthesis of news media competencies gained through successful completion of directed project. Projects may include a digital media product, in-depth reportage or documentary.

Department
Communications

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ANY of the following Courses:

- COMMS 386 - Sports Communication
- COMMS 325 - Video Reporting

Learning Outcomes

Title
Senior project

Tags
186554, 1

Learning Outcome
Students will propose and complete a professional-quality project that demonstrates mastery and synthesis of competencies learned in the news media curriculum.

Title
Creativity and innovation

Tags
186555, 3

Learning Outcome
Students will demonstrate creativity by producing an original or innovative media product.

Title
Ethics and Diversity

Tags
186556, 4

Learning Outcome
Students will behave ethically and report fairly, including in their reportage a diversity of voices.

Title
Collaboration

Tags
186586, 2

Learning Outcome
Students will demonstrate the ability to work collaboratively with minimal supervision.

COMMS 491R - Student Media Labs

Course Information

Teaching Area (new)
COMMS

Course Number
491R

Teaching Area
COMMS

Course Title
Student Media Labs

Course Description
Student-run media labs such as the Ad Lab, BioComms Lab, Daily Universe, Newsline, and, PR Intelligence Lab.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
1

Other Prerequisites
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; lab advisor's consent.

Note
It is the student's responsibility to talk to their sequence's lab mentors to discuss the possibility of enrolling in Comms 491R. Enrollment is based on project availability and lab needs. Students who have been cleared to enroll must request a comms 491R contract from the School of Communications main office. The student and their lab mentors must agree on the terms of the contract and sign it. Students should return the form to the main office to receive an add code. Comms 491R cannot be combined with a paid position in the same lab.

COMMS 495R - Research and Readings in Communication Practice

Course Information

Teaching Area (new)
COMMS

Course Number
495R

Teaching Area
COMMS

Course Title
Research and Readings in Communication Practice

Course Description
Independent research projects and readings for communications majors.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Senior standing and instructor's approval of projects

Note
Projects must be approved in advance of registration.

Learning Outcomes

Title
Research and Readings

Tags
186434, 0

Learning Outcome
Students will meet outcomes for a specific readings and research activity as specified the instructor.

COMMS 496R - Academic Internship

Course Information

Teaching Area (new)
COMMS

Course Number
496R

Teaching Area
COMMS

Course Title
Academic Internship

Course Description
Professional field experience.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Major status; prerequisites satisfied; clearance by the Communications Department

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Skills

Tags
186579, 1

Learning Outcome
Students will demonstrate proficiency in research, writing, creativity, and technical abilities.

Title
Professionalism

Tags
186580, 2

Learning Outcome
Students will demonstrate professionalism by conducting themselves appropriately, meeting deadlines, and demonstrating a positive attitude and high level of commitment.

Title
Ethics

Tags
186581, 5

Learning Outcome
Students will demonstrate ethical and legal behavior and show sensitivity to diversity.

COMMS 497R - Mentored Research Practicum

Course Information

Teaching Area (new)
COMMS

Course Number
497R

Teaching Area
COMMS

Course Title
Mentored Research Practicum

Course Description
Conducting research in a mentored environment with a faculty-sponsored research project.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; faculty mentor's consent.

Note
It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's research projects. Enrollment in Comms 497R is based on faculty research project availability. After the student has secured a faculty mentor, the student must request a comms 497R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

Learning Outcomes

Title
Writing skills

Tags
186457, 1

Learning Outcome
Students will demonstrate an ability to effectively communicate research in a scholarly fashion.

Title
Research competency

Tags
186431, 0

Learning Outcome
Students will demonstrate competency in research skills.

COMMS 498R - Projects in Communications

Course Information

Teaching Area (new)
COMMS

Course Number
498R

Teaching Area
COMMS

Course Title
Projects in Communications

Course Description
Faculty-mentored projects in communications.

Department
Communications

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to a School of Communications major (Advertising, Comms Studies, Journalism, or Public Relations). Appropriate 300-level courses in the student's admitted sequence; faculty-mentor's consent.

Note
It is the student's responsibility to find a School of Communications faculty member who is willing to mentor the student on one of the faculty member's comms projects. Enrollment in Comms 498R is based on the availability of faculty-mentored comms projects. After the student has secured a faculty mentor, the student must request a comms 498R contract from the School of Communications main office. The student and their faculty mentor must agree on the terms of the contract and sign it. The student should return the form to the main office to receive an add code.

CPSE 203 - Introduction to Special Education

Course Information

Teaching Area (new)
CPSE

Course Number
203

Teaching Area
CPSE

Course Title
Introduction to Special Education

Course Description
Understanding the characteristics of students with various exceptionalities, ranging from mild to moderate to severe disabilities. How student with specific disabilities learn; using basic strategies for meeting their educational needs.

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
FBI fingerprint background clearance

Learning Outcomes

Title
Human exceptionality and special education

Tags
177546, 1

Learning Outcome
1. Describe human exceptionality, special education law, and school services for students with disabilities.

Title
Cultural, ethnic, and language diversity

Tags
177550, 5

Learning Outcome
2. Describe the effects of cultural, ethnic, and language diversity on the education of individuals with disabilities.

Title
Characteristics, prevalence, and educational implications

Tags
177552, 7

Learning Outcome
3. Describe the characteristics, prevalence, and educational implications of disabilities.

Title
Services and strategies for students with disabilities

Tags
177556, 11

Learning Outcome
4. Define and describe assessment, collaboration, and accommodation for students with disabilities.

Title
12-hour field experience

Tags
177557, 12

Learning Outcome
5. Complete a 12-hour field experience involving volunteer service with students with disabilities.

CPSE 300 - Exceptional Students: Principles of Collaboration

Course Information

Teaching Area (new)
CPSE

Course Number
300

Teaching Area
CPSE

Course Title
Exceptional Students: Principles of Collaboration

Course Description
Basic principles and legislative issues in effectively communicating and collaborating with professionals, parents, and other service providers to meet needs of individuals with disabilities in inclusive educational environments. Lab.

Department
Counseling Psychology and Special Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Other Prerequisites
FBI fingerprint background clearance

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Interpersonal Relations

Tags
177864, 5

Learning Outcome
Interpersonal Relations: Candidates work with students, parents, professionals, paraprofessionals, and others in the school and community with kindness and respect regardless of their diverse backgrounds.

Title
Learning Difficulties and Accommodations

Tags
177867, 1

Learning Outcome
Analyze student's learning difficulties and plan appropriate accommodations.

Title
Assessment Plans and School Support

Tags
177881, 3

Learning Outcome
Develop assessment plans to evaluate students' progress and collaborate with school experts to support student learning.

Title
Special Needs Learning Characteristics

Tags
177885, 2

Learning Outcome
Describe learning characteristics of special needs students.

Title
Collaboration

Tags
177895, 4

Learning Outcome
Collaboration: Candidates work effectively with parents, professionals, paraprofessionals, and others in the school and community to help students with disabilities achieve their IEP goals.

Title
Professional Practice

Tags
177903, 6

Learning Outcome
Professional Practice: Candidates fulfill all duties and assignments, comply with all education laws and policies, and continue to improve professional practice.

CPSE 401R - Practicum in Educational Partnerships

Course Information

Teaching Area (new)
CPSE

Course Number
401R

Teaching Area
CPSE

Course Title
Practicum in Educational Partnerships

Course Description
Collaborating with parents, professionals, and others to meet needs of individuals with disabilities in inclusive or special education environments.

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Admission to elementary, secondary, or special education program

Learning Outcomes

Title
Application

Tags
177947, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

CPSE 402 - Educating Students with Disabilities in Secondary Classrooms

Course Information

Teaching Area (new)
CPSE

Course Number
402

Teaching Area
CPSE

Course Title
Educating Students with Disabilities in Secondary Classrooms

Course Description
Issues, policies, and methods in teaching secondary students with disabilities in general education classrooms. Lab.

Department
Counseling Psychology and Special Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 350 or concurrent enrollment; Sc Ed 276R or comparable major course; FBI fingerprint background clearance.

Note
NOTE: For help with questions about fingerprint clearance, contact the McKay School of Education Advisement Center. NOTE: CPSE 402 includes a service learning educational opportunity; a 12 hour volunteer experience is required.

Learning Outcomes

Title
Special education and the Individuals with Disabilities Education Act (IDEA)

Tags
191385, 0, 1

Learning Outcome
1. Define special education and describe the legal structure of services for individuals with disabilities, including the Individuals with Disabilities Education Act (IDEA).

Title
Students with disabilities

Tags
191386, 0, 2

Learning Outcome
2. Describe the academic and behavioral characteristics and educational implications of students with high and low incidence disabilities.

Title
Culture, ethnicity, language diversity, and disability

Tags
191387, 0, 3

Learning Outcome
3. Describe the effects of cultural, ethnic, and language diversity on the education of individuals with disabilities.

Title
Teaching students with disabilities in the general classroom

Tags
191388, 0, 4

Learning Outcome
4. Explain research-supported methods for academic instruction of individuals with disabilities, including explicit instruction, learning strategies, task analysis, active participation, classroom management, and accommodation for the general curriculum.

Title
Models and strategies for collaboration and consultation

Tags
191389, 0, 5

Learning Outcome
5. Describe models and strategies of consultation and collaboration including co-planning and co-teaching.

CPSE 410 - Applied Behavior Analysis in Education

Course Information

Teaching Area (new)
CPSE

Course Number
410

Teaching Area
CPSE

Course Title
Applied Behavior Analysis in Education

Course Description
Foundational principles of human behavior and application of those principles in working with individuals with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
FBI fingerprint background clearance

Learning Outcomes

Title
Changing behavior

Tags
177560, 0, 3

Learning Outcome
3. Describe principles of stimulus control, consequences, and differential reinforcement.

Title
Behavior intervention plans

Tags
177562, 0, 5

Learning Outcome
5. Use functional behavior assessment data to design behavioral intervention plans.

Title
Functional behavior analysis

Tags
177561, 0, 4

Learning Outcome
4. Use functional behavior assessment to determine the function of behavior and to develop replacement behaviors.

Title
Using data to identify and target problem behaviors

Tags
177559, 0, 2

Learning Outcome
2. Describe data collection and principles of using data to target and replace behaviors.

Title
Understanding human behavior

Tags
177558, 0, 1

Learning Outcome
1. Describe approaches for explaining and analyzing occurrences of human behavior.

CPSE 420 - Assessment and Evaluation of Students with Exceptional Needs

Course Information

Teaching Area (new)
CPSE

Course Number
420

Teaching Area
CPSE

Course Title
Assessment and Evaluation of Students with Exceptional Needs

Course Description
Teacher candidates will be determining present levels of performance, classifying students for special education services, and writing goals and objectives for IEP development. Application of course concepts will occur in a local school district each week. \n

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; FBI fingerprint background clearance

Learning Outcomes

Title
Principles and standards for ethical assessment

Tags
177575, 0, 1

Learning Outcome
1. Describe assessment terminology, ethics, legal provisions, regulations, program standards, and procedures.

Title
Informal assessment

Tags
177577, 0, 3

Learning Outcome
3. Describe informal assessments and applications for various disabilities.

Title
Assessment and individualized education programs (IEP)

Tags
177578, 0, 4

Learning Outcome
5. Use assessment results in creating individualized education programs.

Title
Administer and interpret formal assessments

Tags
177576, 0, 2

Learning Outcome
2. Select, describe, administer, and interpret formal nonbiased assessments.

Title
Assessment and determining special education services

Tags
177873, 0, 3

Learning Outcome
4. Describe the use of assessment results for determining special education services.

CPSE 425 - Teaching Reading/Language Arts to Elementary Students with Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
425

Teaching Area
CPSE

Course Title
Teaching Reading/Language Arts to Elementary Students with Disabilities

Course Description
Foundations in analyzing and delivering research-based language arts instruction to elementary grade students with disabilities, including second language learners with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
FBI background check and finger printing

CPSE 430 - Teaching Reading/Language Arts to Secondary Students with Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
430

Teaching Area
CPSE

Course Title
Teaching Reading/Language Arts to Secondary Students with Disabilities

Course Description
Research-based methods for teaching language arts to secondary grade students with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; CPSE 203; FBI fingerprint background clearance.

CPSE 440 - Transition planning and services for secondary students with disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
440

Teaching Area
CPSE

Course Title
Transition planning and services for secondary students with disabilities

Course Description
Selection and adaptation of curriculum accommodations, transition planning, and post-secondary preparation.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; CPSE 203.

CPSE 442 - Social and Behavioral Strategies for Students with Mild/Moderate Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
442

Teaching Area
CPSE

Course Title
Social and Behavioral Strategies for Students with Mild/Moderate Disabilities

Course Description
Principles, procedures, and strategies for classroom behavior management, social competence, and individual and school wide intervention plans.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
CPSE 203; CPSE 410; admission to special education program.

Learning Outcomes

Title
Components of schoolwide positive behavior support

Tags
177606, 0, 1

Learning Outcome
1. Describe and define the components of school-wide positive behavior support, its relationship with risk and protective factors, and multicultural issues.

Title
Positive learning environments

Tags
177607, 0, 2

Learning Outcome
2. Describe how to organize an effective classroom management system for all students.

Title
Address social behavior

Tags
177608, 0, 3

Learning Outcome
3. Describe assessment and instruction to address the social needs of individuals and groups of students.

Title
Least Restrictive Behavioral Interventions (LRBI)

Tags
177609, 0, 4

Learning Outcome
4. Describe the various components and appropriate use of Utah's Least Restrictive Behavioral Interventions (LRBI).

Title
Positive behavior support in classrooms

Tags
177610, 0, 5

Learning Outcome
5. Demonstrate principles and practices of positive behavior support in the classroom, including LRBI and multi-level evidence-based practices.

CPSE 443 - Social and Behavioral Strategies for Students with Severe Disabilities.

Course Information

Teaching Area (new)
CPSE

Course Number
443

Teaching Area
CPSE

Course Title
Social and Behavioral Strategies for Students with Severe Disabilities.

Course Description
Principles, procedures, and strategies for creating positive educational environments, including functional assessment, behavior intervention plans, and development of social competence.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CPSE 203; CPSE 410; admission to special education program; FBI fingerprint background clearance.

Learning Outcomes

Title
Effective classroom management

Tags
177672, 0, 2

Learning Outcome
2. Describe how to organize an effective classroom management system for all students.

Title
Addressing social needs

Tags
177673, 0, 3

Learning Outcome
3. Describe assessment and instruction to address the social needs of individuals and groups of students.

Title
Least Restrictive Behavioral Interventions (LRBI)

Tags
177674, 0, 4

Learning Outcome
4. Describe the various components and appropriate use of Utah's Least Restrictive Behavioral Interventions (LRBI).

Title
Positive behavior support in classrooms

Tags
177675, 0, 5

Learning Outcome
5. Demonstrate principles and practices of positive behavior support in the classroom, including LRBI and multi-level evidence-based practices.

Title
Principles of positive behavior support

Tags
177671, 0, 1

Learning Outcome
1. Describe and define the components of school-wide positive behavior support, its relationship with risk and protective factors, and multicultural issues.

CPSE 446 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Secondary

Course Information

Teaching Area (new)
CPSE

Course Number
446

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Secondary

Course Description
Mentored field experience in teaching students with mild-moderate disabilities in secondary settings within the BYU Public School Partnership districts.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Admission to special education program; CPSE 203 or equivalent; concurrent enrollment in CPSE 440 (secondary); FBI fingerprint background clearance.

Learning Outcomes

Title
Adolescents and young adults with disabilities

Tags
177619, 1

Learning Outcome
1. Describe the characteristics and diversity of adolescent and young adult individuals with disabilities.

Title
Assessment and instruction

Tags
177620, 2

Learning Outcome
2. Describe evidence-based and culturally sensitive assessment, instructional strategies, learning experiences, and learning materials for secondary students with disabilities.

Title
Transition from school to adult environments

Tags
177621, 3

Learning Outcome
3. Use evidence-based and culturally sensitive resources and techniques for transitioning individuals with disabilities into and out of school and post-school environments.

CPSE 447 - Mentored Field Experience: Teaching Students with Severe Disabilities-Secondary

Course Information

Teaching Area (new)
CPSE

Course Number
447

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Severe Disabilities-Secondary

Course Description
Mentored field experience in teaching students with severe disabilities in secondary settings within the BYU Public School Partnership districts.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; CPSE 203 or equivalent; concurrent enrollment in CPSE 440 (secondary); FBI fingerprint background clearance.

Learning Outcomes

Title
Diversity in upper grades

Tags
177681, 1

Learning Outcome
1. Describe the characteristics and diversity of adolescent and young adult individuals with disabilities.

Title
Assessment and instruction

Tags
177682, 2

Learning Outcome
2. Describe evidence-based and culturally sensitive assessment, instructional strategies, learning experiences, and learning materials for secondary students with disabilities.

Title
Transition planning and implementation

Tags
177683, 3

Learning Outcome
3. Use evidence-based and culturally sensitive resources and techniques for transitioning individuals with disabilities into and out of school and post-school environments.

CPSE 452 - Effective Teaching Strategies for Students with Mild/Moderate Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
452

Teaching Area
CPSE

Course Title
Effective Teaching Strategies for Students with Mild/Moderate Disabilities

Course Description
Teacher candidates will learn IEP-based lesson planning and teacher-directed and student-mediated instructional strategies. Application of course concepts will occur in a local school district each week.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; CPSE 203.

Learning Outcomes

Title
Characteristics of students with mild/moderate disabilities

Tags
177929, 0, 1

Learning Outcome
1. Describe educational characteristics of students with mild/moderate disabilities.

Title
Planning for instruction

Tags
177936, 0, 2

Learning Outcome
2. Write standards-based PLAAFP statements, IEP and unit goals, and lesson objectives.

Title
Effective teaching cycle

Tags
177930, 0, 3

Learning Outcome
3. Create and use scripted direct instruction lesson plans enacting the effective teaching cycle to address individual student learning needs.

Title
Data-based decision making

Tags
177931, 0, 4

Learning Outcome
4. Demonstrate the design and use of curriculum-based measurements to make instructional decisions.

Title
Multi-tiered system of supports (MTSS)

Tags
177932, 0, 5

Learning Outcome
5. Describe the MTSS concept, processes, and use of progress-monitoring data to make MTSS decisions.

CPSE 453 - Curriculum and Instruction: Severe Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
453

Teaching Area
CPSE

Course Title
Curriculum and Instruction: Severe Disabilities

Course Description
Strategies for designing and implementing educational programs, curricula, and teaching methods for students with severe disabilities. Application of course concepts will occur in a local school district each week.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program or instructor's consent

Note
For Severe undergraduate students only.

Learning Outcomes

Title
Standards-based planning

Tags
177688, 0, 1

Learning Outcome
1. Write standards-based PLAAFP statements, IEP and unit goals, and lesson objectives.

Title
Instruction

Tags
177689, 0, 2

Learning Outcome
2. Use research-supported methods for academic and nonacademic instruction of individuals with severe disabilities.

Title
Lesson planning

Tags
177690, 0, 3

Learning Outcome
3. Create assessment-based lesson plans including appropriate adaptations and technology for individuals with disabilities and from diverse backgrounds.

Title
Instructional decisions

Tags
177691, 0, 4

Learning Outcome
4. Demonstrate the design and use of curriculum-based measurements to make instructional decisions.

CPSE 460 - Collaborating with School and Family

Course Information

Teaching Area (new)
CPSE

Course Number
460

Teaching Area
CPSE

Course Title
Collaborating with School and Family

Course Description
Foundations in collaborating with school professionals, para-professionals, and families of children with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program; CPSE 203.

Learning Outcomes

Title
Collaboration

Tags
177634, 0, 1

Learning Outcome
1. Define and address issues related to collaboration and other models of working together.

Title
Collaboration with parents and professionals

Tags
177635, 0, 2

Learning Outcome
2. Demonstrate understanding of collaborating with parents, paraeducators, and other professionals.

Title
Interpersonal skills for collaboration

Tags
177989, 0, 3

Learning Outcome
3. Understand and demonstrate appropriate interpersonal skills for problem solving, communication, and addressing difficult interactions.

CPSE 462 - Teaching Math to Students with Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
462

Teaching Area
CPSE

Course Title
Teaching Math to Students with Disabilities

Course Description
Research-based methods for teaching mathematics to students with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program, CPSE 203.

Learning Outcomes

Title
Standards-based planning

Tags
178013, 0, 1

Learning Outcome
1. Use assessment data to create standards-based Present Levels of Academic and Functional Performance (PLAAFP) statements and measurable annual IEP and unit goals.

Title
Explicit and cognitively guided instruction

Tags
178012, 0, 2

Learning Outcome
2. Create and teach lesson plans using cognitively guided instruction and explicit sequential instruction to teach core math skills.

Title
Progress monitoring for math

Tags
178007, 0, 3

Learning Outcome
3. Design and implement data recording systems for monitoring student progress toward lesson objectives, unit goals, and annual IEP goals.

CPSE 463 - Assistive Technology for Students with Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
463

Teaching Area
CPSE

Course Title
Assistive Technology for Students with Disabilities

Course Description
Principles and applications in using assistive technology to improve the education and communication skills of students with disabilities.

Department
Counseling Psychology and Special Education

When Taught
Spring Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admission to special education program or instructor's consent; FBI fingerprint background clearance.

Learning Outcomes

Title
Assistive technology & communication skills

Tags
177700, 0, 3

Learning Outcome
Plan and use augmentative and assistive communication strategies to support and enhance communication skills of individuals with exceptional learning needs and those whose primary language is not the dominant language.

Title
Assistive technology to access curriculum and social skills

Learning Outcome
Plan and use assistive technologies to help students with disabilities access the curriculum and develop academic and social skills.

CPSE 466 - Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Elementary

Course Information

Teaching Area (new)
CPSE

Course Number
466

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Mild/Moderate Disabilities - Elementary

Course Description
Mentored learning experience in the effective teaching cycle for students with mild/moderate disabilities. Experience will take place in a grade K-6 classroom in one the BYU Public School Partnership districts.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Admission to special education licensure program; CPSE 203 or equivalent; FBI fingerprint background clearance.

Learning Outcomes

Title
Classroom management

Tags
177636, 1

Learning Outcome
1. Develop and implement an evidence-based classroom management plan.

Title
Assessment for planning and progress monitoring

Tags
177637, 2

Learning Outcome
2. Use assessment to determine individual student needs and to monitor progress toward learning goals.

Title
Planning and teaching

Tags
177905, 2

Learning Outcome
3. Plan and teach daily lessons to address the needs of individual students with disabilities.

CPSE 467 - Mentored Field Experience: Teaching Students with Severe Disabilities-Elementary

Course Information

Teaching Area (new)
CPSE

Course Number
467

Teaching Area
CPSE

Course Title
Mentored Field Experience: Teaching Students with Severe Disabilities-Elementary

Course Description
Mentored learning experience in the effective teaching cycle for students with severe disabilities. Experience will take place in a grade K-6 classroom in one the BYU Public School Partnership districts.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Admission to special education licensure program; CPSE 203 or equivalent; FBI fingerprint background clearance.

CPSE 470 - Legal Issues Influencing Collaboration in Special Education

Course Information

Teaching Area (new)
CPSE

Course Number
470

Teaching Area
CPSE

Course Title
Legal Issues Influencing Collaboration in Special Education

Course Description
Laws and issues influencing special education and educator's roles in collaborating with families and professionals.

Department
Counseling Psychology and Special Education

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CPSE 203. Admission to special education program.

Learning Outcomes

Title
Individuals with Disabilities Education Act (IDEA)

Tags
177638, 0, 1

Learning Outcome
1. Understanding and applying duties and responsibilities of school personnel in relation to the Individuals with Disabilities Education Act (IDEA).

Title
Assessment for decision making

Tags
177639, 0, 2

Learning Outcome
2. Use assessment information to make legal and ethical eligibility, program, and placement decisions for individuals with exceptional learning needs, including those from culturally and/or linguistically diverse backgrounds.

Title
Sensitivity to differences

Tags
177640, 0, 3

Learning Outcome
3. Demonstrate sensitivity for the culture, language, religion, gender, disability, socio-economic status, and sexual orientation of individuals.

Title
Effective communication

Tags
177641, 0, 4

Learning Outcome
4. Communicate effectively with families of individuals with exceptional learning needs, including those from diverse backgrounds.

CPSE 480 - Culturally Responsive Practices in Special Education: Navigating Diversity and Inclusion to Cultivate Belonging

Course Information

Teaching Area (new)
CPSE

Course Number
480

Teaching Area
CPSE

Course Title
Culturally Responsive Practices in Special Education: Navigating Diversity and Inclusion to Cultivate Belonging

Course Description
Understanding culturally responsive practices in special education: Navigating diversity and inclusion to cultivate belonging

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
FBI fingerprint background clearance.

Learning Outcomes

Title
Individual differences

Tags
177649, 0, 1

Learning Outcome
1. Describe learning needs, differences, and strategies for individuals with disabilities, including those from culturally diverse backgrounds.

Title
Cultural understanding

Tags
177650, 0, 2

Learning Outcome
2. Explain differences in behavior, communication, and stereotypes between and among cultures.

Title
Respectful learning environments

Tags
177651, 0, 3

Learning Outcome
3. Explain ways to create learning environments that allow individuals to retain and appreciate their own and other's respective language and cultural heritage.

Title
Intercultural mediation

Tags
177652, 0, 4

Learning Outcome
4. Mediate controversial intercultural issues among students within the learning environment in ways that enhance culture, group, or personal interaction.

CPSE 486R - Student Teaching: Students with Mild/Moderate Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
486R

Teaching Area
CPSE

Course Title
Student Teaching: Students with Mild/Moderate Disabilities

Course Description
Culminating experience teaching students with mild/moderate disabilities in school settings.

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Successful completion of all core courses and practica in special education; FBI fingerprint background clearance.

Note
Fee.

Learning Outcomes

Title
Teacher work sample

Tags
177657, 0, 1

Learning Outcome
1. Complete and submit Renaissance Teacher Work Sample.

Title
Student teaching portfolio

Tags
177658, 0, 2

Learning Outcome
2. Complete and submit student teaching portfolio.

Title
PAES evaluation

Tags
177659, 0, 3

Learning Outcome
3. Obtain passing scores on PAES final evaluation.

CPSE 487R - Student Teaching: Students with Severe Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
487R

Teaching Area
CPSE

Course Title
Student Teaching: Students with Severe Disabilities

Course Description
Culminating experience teaching students with severe disabilities in school settings.

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Successful completion of all core courses and practica in special education; FBI fingerprint background clearance.

Learning Outcomes

Title
Teacher work sample

Tags
177720, 0, 1

Learning Outcome
1. Complete and submit Renaissance Teacher Work Sample.

Title
Student teaching portfolio

Tags
177721, 0, 2

Learning Outcome
2. Complete and submit student teaching portfolio.

Title
PAES evaluation

Tags
177722, 0, 3

Learning Outcome
3. Obtain passing scores on PAES final evaluation.

CPSE 490 - Capstone Seminar: Students With Disabilities

Course Information

Teaching Area (new)
CPSE

Course Number
490

Teaching Area
CPSE

Course Title
Capstone Seminar: Students With Disabilities

Course Description
Synthesis of knowledge and skills in special education; development of professional ethics and commitment to professional development.

Department
Counseling Psychology and Special Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Successful completion of all special education courses and concurrent enrollment with student teaching/internship

Learning Outcomes

Title
Standards-based planning and teaching

Tags
177662, 0, 3

Learning Outcome
3. Prepare, organize, and modify materials and to implement daily instruction within state and local curricula standards in safe, equitable, positive, and supportive learning environments.

Title
Lifelong professional development

Tags
177663, 0, 4

Learning Outcome
4. Explain the continuum of lifelong professional development.

Title
Special education practice

Tags
177660, 0, 1

Learning Outcome
1. Explain the rights and responsibilities of students, parents, teachers and other professionals, and schools related special education practice.

Title
Supportive learning environments

Tags
177661, 0, 2

Learning Outcome
2. Describe teacher attitudes and classroom and social behaviors that influence behavior of individuals with exceptional learning needs.

CPSE 493R - Readings

Course Information

Teaching Area (new)
CPSE

Course Number
493R

Teaching Area
CPSE

Course Title
Readings

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
2

Learning Outcomes

Title
Focused topic

Tags
177863, 0

Learning Outcome
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activities.

CPSE 496R - Academic Internship: Special Education

Course Information

Teaching Area (new)
CPSE

Course Number
496R

Teaching Area
CPSE

Course Title
Academic Internship: Special Education

Course Description
Culminating experience in the licensure program teaching students with disabilities in a school setting full-time for one academic year.

Department
Counseling Psychology and Special Education

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Departmental approval of application; placement one semester in advance of registration; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Teacher work sample

Tags
177668, 0, 1

Learning Outcome
1. Complete and submit Renaissance Teacher Work Sample.

Title
Student teaching portfolio

Tags
177669, 0, 2

Learning Outcome
2. Complete and submit student teaching portfolio.

Title
PAES evaluation

Tags
177670, 0, 3

Learning Outcome
3. Obtain passing scores on PAES final evaluation.

CPSE 580R - Directed Observation in the Schools

Course Information

Teaching Area (new)
CPSE

Course Number
580R

Teaching Area
CPSE

Course Title
Directed Observation in the Schools

Department
Counseling Psychology and Special Education

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
8

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Application

Tags
177948, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

CPSE 589R - Curriculum

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Curriculum

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
knowledge

Tags
177951, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

CPSE 589R - Learning, Development & Individual Learning Differences in Gifted Education

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Learning, Development & Individual Learning Differences in Gifted Education

Course Description
In this course participants will study the characteristics and needs of gifted children and youth, types of programs available to gifted children and youth, the historical and philosophical foundations required of professionals in the field, the history of the gifted child movement, and advocacy for gifted children and youth.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Previous and current classroom experience preferred.

Learning Outcomes

Title
Identify factors that influence learning

Tags
213515, 0, 1, 2023-08-29 08:16:35

Learning Outcome
Students will identify how language, culture, economic status and family background, and/or area of disability can influence learning.

Title
Model diversity

Tags
213516, 0, 2, 2023-08-29 08:16:37

Learning Outcome
Students will model respect for diversity, understanding it is an integral part of society's institutions and impacts learning of individuals with gifts and talents in the delivery of gifted education.

Title
Demonstrate Collaboration

Tags
213517, 0, 3, 2023-08-29 08:16:38

Learning Outcome
Students will demonstrate elements of effective collaboration, serve as a collaborative resource for colleagues, and use collaboration to promote the well-being of individuals with gifts and talents.

CPSE 589R - Current Topics in Special Education

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Current Topics in Special Education

Department
Counseling Psychology and Special Education

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Special Topics

Tags
177942, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

CPSE 589R - Gifted and Talented: Social and Emotional Needs of the Gifted Student

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Gifted and Talented: Social and Emotional Needs of the Gifted Student

Course Description
Social and emotional issues facing gifted and talented individuals. Current research, basic counseling techniques, and affective classroom strategies. Topics include perfectionism, motivation, underachievement, self-esteem, depression, stress management, and over-excitability.

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
knowledge

Tags
177956, 1

CPSE 589R - Gifted and Talented: Creative Thinking Strategies

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Gifted and Talented: Creative Thinking Strategies

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
knowledge

Tags
177954, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

CPSE 589R - Learning Environments for Gifted Students

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Learning Environments for Gifted Students

Course Description
Students learn to create learning environments that foster emotional well-being, positive social interaction, leadership, and cultural understanding, and learn of the impact of giftedness and diversity on social-emotional development. Students analyze research on the topic of social and emotional traits and characteristics of gifted young people. The environmental influences and family and peer relationships on the social and emotional development of gifted individuals will be explored.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Previous or current classroom experience preferred.

Learning Outcomes

Title
Environment strategies

Tags
213512, 0, 1, 2023-08-29 08:16:23

Learning Outcome
Students will use communication and motivational and instructional interventions to facilitate understanding of subject matter and to teach individuals with gifts and talents how to adapt to different environments.

Title
Collaboration

Tags
213513, 0, 2, 2023-08-29 08:16:26

Learning Outcome
Serve as a collaborative resource for colleagues, and use collaboration to promote the well-being of individuals with gifts and talents.

Title
Non-school learning environments

Tags
213514, 0, 3, 2023-08-29 08:16:28

Learning Outcome
Students will analyze multiple non-school environments that are part of a continuum of services for gifted and talented students.

CPSE 589R - Evaluating Student Learning

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Evaluating Student Learning

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
knowledge

Tags
177953, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

CPSE 589R - Classroom Behavior Management.

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Classroom Behavior Management.

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Knowledge

Tags
177950, 1

Learning Outcome
Students will deepen their understanding of course topics.

CPSE 589R - Effective Teaching

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Effective Teaching

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
knowledge

Tags
177952, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

CPSE 589R - Gifted and Talented Practicum

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Gifted and Talented Practicum

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Application

Tags
177958, 1

Learning Outcome
Students will demonstrate the knowledge and skills learned across the program in a professional setting.

CPSE 589R - Assessing Learning and Behavior

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Assessing Learning and Behavior

Department
Counseling Psychology and Special Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Knowledge

Tags
177949, 1

Learning Outcome
Students will deepen their understanding of course topics.

CPSE 589R - Assessment in Gifted Education

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Assessment in Gifted Education

Course Description
This is a graduate course designed to provide educators with background and techniques for identifying and evaluating high ability and gifted students. Students will utilize multiple types of gifted and talented assessment tools to identify gifted students.

Department
Counseling Psychology and Special Education

When Taught
Winter

Credit Hours

Min:
0

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Previous or current classroom experience preferred.

Learning Outcomes

Title
Instructional strategies

Tags
213509, 0, 1, 2023-08-29 08:16:19

Learning Outcome
Use assessment to select, adapt, and create materials to differentiate instructional strategies.

Title
Collaboration

Tags
213510, 0, 2, 2023-08-29 08:16:20

Learning Outcome
Collaborate with colleagues and families in using multiple types of assessment information to identify gifted and talented students.

Title
Self-assessment

Tags
213511, 0, 3, 2023-08-29 08:16:22

Learning Outcome
Engage individuals with gifts and talents in assessing the quality of their own learning and performance.

CPSE 589R - Curriculum and Instructional Planning in Gifted Education

Course Information

Teaching Area (new)
CPSE

Course Number
589R

Teaching Area
CPSE

Course Title
Curriculum and Instructional Planning in Gifted Education

Course Description
In this course participants will study and demonstrate a variety of research-based models of curriculum and instruction related to students with gifts and talents. Participants will apply core curriculum that is aligned with local, state, and national standards.

Department
Counseling Psychology and Special Education

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Previous or current classroom experience preferred.

Learning Outcomes

Title
Instructional strategies

Tags
213506, 0, 1, 2023-08-29 08:16:12

Learning Outcome
Students will design appropriate learning and performance modifications that enhance creativity, acceleration, depth, and complexity in academic subject matter.

Title
Collaboration

Tags
213507, 0, 2, 2023-08-29 08:16:14

Learning Outcome
Students will collaborate with families, professional colleagues and other educators to select, adapt, and use evidence-based strategies that promote challenging learning opportunities.

Title
Curriculum assessment

Tags
213508, 0, 3, 2023-08-29 08:16:15

Learning Outcome
Students will appropriately apply assessments to select, adapt, and create materials to differentiate instructional strategies and general and specialized curricula.

CREOL 100 - Language Study: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
100

Teaching Area
CREOL

Course Title
Language Study: Haitian-Creole

Course Description
Survival-level conversation, reading, listening, and culture skills in Creole.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196898, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196899, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196900, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CREOL 101 - First-Year Language Study: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
101

Teaching Area
CREOL

Course Title
First-Year Language Study: Haitian-Creole

Course Description
Beginning speaking, listening, reading, and writing skills in Creole.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196903, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196908, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196919, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196921, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CREOL 102 - First-Year Language Study: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
102

Teaching Area
CREOL

Course Title
First-Year Language Study: Haitian-Creole

Course Description
Second-semester speaking, listening, reading, and writing skills in Creole.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CREOL 101 - First-Year Language Study: Haitian-Creole

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196923, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196925, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196927, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196929, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CREOL 201 - Second-Year Language Study: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
201

Teaching Area
CREOL

Course Title
Second-Year Language Study: Haitian-Creole

Course Description
Intermediate speaking, listening, reading, and writing skills in Creole.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CREOL 102 - First-Year Language Study: Haitian-Creole

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196931, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196933, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196935, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196938, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CREOL 202 - Second-Year Language Study: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
202

Teaching Area
CREOL

Course Title
Second-Year Language Study: Haitian-Creole

Course Description
Continued emphasis on Creole communication skills, vocabulary building, and cultural awareness.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CREOL 201 - Second-Year Language Study: Haitian-Creole

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196939, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196941, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196943, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196945, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CREOL 305 - Language Skills Development: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
305

Teaching Area
CREOL

Course Title
Language Skills Development: Haitian-Creole

Course Description
Increasing proficiency in one or more of the following Creole language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196947, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196949, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196951, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CREOL 321 - Advanced Grammar: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
321

Teaching Area
CREOL

Course Title
Advanced Grammar: Haitian-Creole

Course Description
Systematic review of grammar and syntax of Creole.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CREOL 202.

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196956, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196957, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196959, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

Course Information

Teaching Area (new)
CREOL

Course Number
330

Teaching Area
CREOL

Course Title
Advanced Language Proficiency Through Cultural Studies: Haitian Creole

Course Description
Study of Creole culture using interpersonal, presentational, and interpretive skills in the target language.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Creol 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196962, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196964, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196965, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196966, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CREOL 340 - Introduction to Literature: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
340

Teaching Area
CREOL

Course Title
Introduction to Literature: Haitian-Creole

Course Description
Advanced study of Creole literature. Continued emphasis on communication skills and culture.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196970, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196972, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196973, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196974, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CREOL 350 - Advanced Language Study for Career Purposes: Haitian-Creole

Course Information

Teaching Area (new)
CREOL

Course Number
350

Teaching Area
CREOL

Course Title
Advanced Language Study for Career Purposes: Haitian-Creole

Course Description
Concentration on Creole language and culture issues for specific careers.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CREOL 330 - Advanced Language Proficiency Through Cultural Studies: Haitian Creole

Learning Outcomes

Title
Defined Career Purposes

Tags
196976, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196977, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196978, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196979, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196980, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

CROAT 100 - Language Study: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
100

Teaching Area
CROAT

Course Title
Language Study: Croatian

Course Description
Survival-level conversation, reading, listening, and culture skills in Croatian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196983, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196984, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196986, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CROAT 101 - First-Year Language Study: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
101

Teaching Area
CROAT

Course Title
First-Year Language Study: Croatian

Course Description
Beginning speaking, listening, reading, and writing skills in Croatian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196989, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196991, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196992, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196993, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CROAT 102 - First-Year Language Study: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
102

Teaching Area
CROAT

Course Title
First-Year Language Study: Croatian

Course Description
Second-semester speaking, listening, reading, and writing skills in Croatian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CROAT 101 - First-Year Language Study: Croatian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196994, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196995, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196996, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196997, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CROAT 201 - Second-Year Language Study: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
201

Teaching Area
CROAT

Course Title
Second-Year Language Study: Croatian

Course Description
Intermediate speaking, listening, reading, and writing skills in Croatian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CROAT 102 - First-Year Language Study: Croatian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196998, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196999, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197000, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197001, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CROAT 202 - Second-Year Language Study: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
202

Teaching Area
CROAT

Course Title
Second-Year Language Study: Croatian

Course Description
Continued emphasis on Croatian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CROAT 201 - Second-Year Language Study: Croatian

Note
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197002, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197003, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197004, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197005, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CROAT 305 - Language Skills Development: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
305

Teaching Area
CROAT

Course Title
Language Skills Development: Croatian

Course Description
Increasing proficiency in one or more of the following Croatian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197006, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197007, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197008, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CROAT 321 - Advanced Grammar: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
321

Teaching Area
CROAT

Course Title
Advanced Grammar: Croatian

Course Description
Systematic review of grammar and syntax of Croatian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CROAT 202 - Second-Year Language Study: Croatian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197009, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197010, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197011, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
330

Teaching Area
CROAT

Course Title
Advanced Language Proficiency Through Cultural Studies: Croatian

Course Description
Study of Croatian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Croat 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197012, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197013, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197014, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197015, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

CROAT 340 - Introduction to Literature: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
340

Teaching Area
CROAT

Course Title
Introduction to Literature: Croatian

Course Description
Explore Croatian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197016, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197017, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197018, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197019, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CROAT 350 - Advanced Language Study for Career Purposes: Croatian

Course Information

Teaching Area (new)
CROAT

Course Number
350

Teaching Area
CROAT

Course Title
Advanced Language Study for Career Purposes: Croatian

Course Description
Concentration on Croatian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CROAT 330 - Advanced Language Proficiency Through Cultural Studies: Croatian

Learning Outcomes

Title
Defined Career Purposes

Tags
197020, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197021, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197022, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197023, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197024, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

CSANM 150 - Introduction to Three-Dimensional Computer Graphics

Course Information

Teaching Area (new)
CSANM

Course Number
150

Teaching Area
CSANM

Course Title
Introduction to Three-Dimensional Computer Graphics

Course Description
Fundamentals of modeling, texturing, lighting, and rendering used in exploring principles and elements of three-dimensional design.

Department
Computer Science

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- DESAN 101 - Intro to Animation

Note
For Pre-Computer Science: Animation and Games, and Pre-Animation Majors ONLY

Learning Outcomes

Title
Technical Proficiency

Tags
106299, 0

Learning Outcome
Students will be able to use Maya at a basic level of familiarity and demonstrate basic capability in modeling, texturing, lighting, and rendering.

Title
Artistic proficiency in 3-Dimensions

Tags
187196, 1

Learning Outcome
Students will be able to make visually interesting and readable images.

CSANM 210 - Visual Narrative for Animation

Course Information

Course Number
210

Teaching Area
CSANM

Course Title
Visual Narrative for Animation

Course Description
This class teaches foundational skills that animation students require when working in a shot-based production environment. Cinematography, layout, composition and storytelling techniques will be a focus of study.

Department
Computer Science

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
2

Learning Outcomes

Title
Shot Making

Tags
213524, 0, 1, 2023-08-29 08:18:57

Learning Outcome
The ability to critique, discuss and create film narrative in the continuity style of film making heavily used in animation.

Title
Color, Lighting & Composition for film

Tags
213525, 0, 2, 2023-08-29 08:18:59

Learning Outcome
Acquire a foundational level of understanding of color, lighting and composition for film. Be able to critique, discuss, and improve layouts for animation.

Title
Crew & Professional Dynamics:

Tags
213526, 0, 3, 2023-08-29 08:19:00

Learning Outcome
Learn how animated productions are structured and how departments work together in a Visual Effects or Animation Porduction

Title
Narrative

Tags
213527, 0, 4, 2023-08-29 08:19:01

Learning Outcome
Demonstrate ability to tell a visual story with an emphasis on clarity, structure and delivery.

CSANM 250 - Intermediate Three-Dimensional Computer Graphics

Course Information

Teaching Area (new)
CSANM

Course Number
250

Teaching Area
CSANM

Course Title
Intermediate Three-Dimensional Computer Graphics

Course Description
Fundaments of building three-dimensional computer models and setting up model rigs for mobility.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Note
Course changed to CSAnm 250 beginning Fall 2012.

Learning Outcomes

Title
3D Computer Graphics

Learning Outcome
Create 3D Computer Graphics

CSANM 252 - Introduction to Three-Dimensional Animation

Course Information

Teaching Area (new)
CSANM

Course Number
252

Teaching Area
CSANM

Course Title
Introduction to Three-Dimensional Animation

Course Description
Foundational principles and techniques of three-dimensional animation, including timing and pacing, character setup, and dynamics.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CSANM 250 - Intermediate Three-Dimensional Computer Graphics

Note
Course changed to CSAnm 252 beginning Fall 2012.

Learning Outcomes

Title
Technical Proficiency

Tags
106310, 0

Learning Outcome
Students will be able to animate in Maya using key frames, blend shapes, and character rigs.

Title
Appealing 3D Animation

Tags
106311, 1

Learning Outcome
Students will be able to translate the twelve principles of animation into 3-dimensional space.

Title
Self-analysis as an Animator

Tags
106312, 2

Learning Outcome
Students will be able to identify personal weaknesses in animation and analyze paths to turn those into strengths.

CSANM 258 - Scripting for Animation

Course Information

Teaching Area (new)
CSANM

Course Number
258

Teaching Area
CSANM

Course Title
Scripting for Animation

Course Description
Developing basic scripting skills to procedurally build intricate systems of models, rigs, and animation. Students learn how to reduce manual hours and efficiently create simple to complex effects.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 258 beginning Fall 2014.

Learning Outcomes

Title
Scripting Skills

Tags
106313, 0

Learning Outcome
Students will be able to code in animation environments, using both Python and Houdini, build procedural environments and animate parameters using scripting expressions, and procedurally build intricate systems of models, rigs, and animation through basic coding and node-based scripting skills.

Title
Increased Efficiency in Animation

Tags
106314, 1

Learning Outcome
Students will be able to efficiently create both simple and complex effects with less effort as well as automate modeling, rigging, and animation processes so that intricate animation systems can be completed in a practical, timely manner.

CSANM 340 - Introduction to Game Design

Course Information

Teaching Area (new)
CSANM

Course Number
340

Teaching Area
CSANM

Course Title
Introduction to Game Design

Course Description
This is an introductory elective course in game design. We will cover foundational game elements and the processes for designing game experiences. These principles are ubiquitously foundational to all parts of the video game development pipeline. This class helps students develop understanding and intuition for the techniques that make gameplay and accompanying worlds successful. \n

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Game Design

Learning Outcome
Design a computer game

CSANM 342 - Real-time Techniques

Course Information

Teaching Area (new)
CSANM

Course Number
342

Teaching Area
CSANM

Course Title
Real-time Techniques

Course Description
This class introduces students to real-time applications. It provides principles foundational for creating video games and other real-time media. Students learn how to mock up basic game mechanics in a realtime engine, such as Unreal Engine, and create basic environments and characters for a real time engine. This is meant to be an introduction to a variety of skills that students can take further and deeper on future projects.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CS Animation Emphasis Majors or Animation Majors; or instructor's consent

Learning Outcomes

Title
Real Time Technologies

Learning Outcome
Use real time technologies

CSANM 351R - Lighting for Three-Dimensional Graphics

Course Information

Teaching Area (new)
CSANM

Course Number
351R

Teaching Area
CSANM

Course Title
Lighting for Three-Dimensional Graphics

Course Description
Developing lighting and color, and the compiling of the various elements for final images for use in three-dimensional applications.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 351R beginning Fall 2012.

Learning Outcomes

Title
Application

Tags
204503, 1

Learning Outcome
Students will learn and apply the skills of lighting for 3D graphics.

CSANM 352 - Animated Film Production 1

Course Information

Teaching Area (new)
CSANM

Course Number
352

Teaching Area
CSANM

Course Title
Animated Film Production 1

Course Description
Early development of a film, including character design, environments, pipeline, visual effects, and the look and feel the film. All pre-visualization of the film. Practice collaborative production processes through interdisciplinary creative works or experiences.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Pre-production

Tags
213528, 0, 1, 2023-08-29 08:19:07

Learning Outcome
Students will contribute to pre-production on a film using modeling, effects, animation, and other conceptual methods as well as work through design, story, and production pipeline issues.

Title
Visual effects

Tags
213529, 0, 2, 2023-08-29 08:19:08

Learning Outcome
Students will contribute to visual effects proof of concept through pre-visualization, pipeline development, visual development, and modeling during pre-production.

CSANM 353 - Previsualization

Course Information

Teaching Area (new)
CSANM

Course Number
353

Teaching Area
CSANM

Course Title
Previsualization

Course Description
This class teaches the art and technical aspects of previsualization using 3D software and cameras. This technique is crucial to the modern filmmaking process, and students will learn the process through principles and experience.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CSANM 250 - Intermediate Three-Dimensional Computer Graphics
  AND CSANM 252 - Introduction to Three-Dimensional Animation

Learning Outcomes

Title
Previsualization

Learning Outcome
Effective use of previsualization.

CSANM 354 - Materials and Surfacing

Course Information

Teaching Area (new)
CSANM

Course Number
354

Teaching Area
CSANM

Course Title
Materials and Surfacing

Course Description
Shading and rendering techniques for the attainment of desired visual effects: use of shading languages for the realization of both photorealistic and non-photorealistic imaging.

Department
Computer Science

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 354 beginning Fall 2012.

Learning Outcomes

Title
Technical Proficiency

Tags
213530, 0, 1, 2023-08-29 08:19:12

Learning Outcome
Students will be able to create shaders and understand how shading fits into a production pipeline. Students will have the ability to implement technical, programmatic, and mathematical under-the-hood principles used to generate procedural patterns, displacements, and surface models.

Title
Matching Visual Direction

Tags
213531, 0, 2, 2023-08-29 08:19:14

Learning Outcome
Students will be able to light and surface objects with color patterns, displacement, surface models, and lighting to match already lit live-action scenes. Students will be able to manage technical and artistic aspects of shading and rendering techniques for creating art-directable surface textures for computer-generated (CG) visual effects and animated films.

CSANM 355 - Photography for Animation

Course Information

Teaching Area (new)
CSANM

Course Number
355

Teaching Area
CSANM

Course Title
Photography for Animation

Course Description
Layout, references, camera technology and terminology, application of composition, lighting, and core art skills emphasized.

Department
Computer Science

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 355 beginning Fall 2012.

Learning Outcomes

Title
Practices and artistry

Tags
204491, 1

Learning Outcome
Students will understand and be able to use current technologies to transfer information from digital photography to animation artifacts. Students will understand how artistic requirements inform when and how to use photography to support animation.

CSANM 450 - Animated Film Production 2

Course Information

Teaching Area (new)
CSANM

Course Number
450

Teaching Area
CSANM

Course Title
Animated Film Production 2

Course Description
In-depth experiences creating computer animations and visual effects. Senior film front-end development and introduction to full animation production.

Department
Computer Science

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 450 beginning Fall 2012.

Learning Outcomes

Title
Dynamic Roles in Production

Tags
213532, 0, 1, 2023-08-29 08:19:18

Learning Outcome
Students will be able to contribute to the production of an animated film by specializing in visual effects, shaders/surfacing, compositing, rendering, lighting, editing, pipeline development, animation, or a combination of these.

Title
Collaboration, Synergy, and Compromise

Tags
213533, 0, 2, 2023-08-29 08:19:20

Learning Outcome
Students will be able to align their efforts to the art direction, story direction, audio, and production constraints of an animated project. Students will also be able to collaborate with a diverse team and work through the unexpected challenges working with a team creates on an animated film.

CSANM 452 - Animated Film Production 3

Course Information

Teaching Area (new)
CSANM

Course Number
452

Teaching Area
CSANM

Course Title
Animated Film Production 3

Course Description
Portfolio development based on advanced animation/design projects. Senior film production and post production.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 452R beginning Fall 2012.

Learning Outcomes

Title
Polish and Publish

Tags
213534, 0, 1, 2023-08-29 08:19:21

Learning Outcome
Students will be able to apply the skills necessary to finish off and publish a senior film, including rendering, compositing, and audio, as well as solve complicated last-minute problems on a project, both individually and collaboratively.

Title
Marketing Materials

Tags
213535, 0, 2, 2023-08-29 08:19:22

Learning Outcome
Students will be able to work together to create publicity and supplemental materials for a film project.

CSANM 453R - Special Topics in Advanced Graphics

Course Information

Teaching Area (new)
CSANM

Course Number
453R

Teaching Area
CSANM

Course Title
Special Topics in Advanced Graphics

Course Description
Researching new technologies in animation and visualization. Topics might include real-time technologies, three-dimensional data acquisition, performance capture, or new entertainment platforms.

Department
Computer Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 453R beginning Fall 2012.

Learning Outcomes

Title
Emerging graphics practices

Tags
204492, 1

Learning Outcome
Students will be able to implement, apply, and extend state-of-the-art practices in computer graphics relevant for animation.

CSANM 454 - Advanced Shading

Course Information

Teaching Area (new)
CSANM

Course Number
454

Teaching Area
CSANM

Course Title
Advanced Shading

Course Description
Advanced shading, rendering, and lighting methods for creating virtual scenes that emphasize story and innovatively meet an art director's vision through traditional and procedural methods.

Department
Computer Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 454 beginning Fall 2012.

Learning Outcomes

Title
Practice and artistry of shading

Tags
204493, 1

Learning Outcome
Students will understand the artistic importance and subtleties of shading, and be able to implement/extend state-of-the-art practices in shading for animation.

CSANM 458R - Three-Dimensional Visual Effects

Course Information

Teaching Area (new)
CSANM

Course Number
458R

Teaching Area
CSANM

Course Title
Three-Dimensional Visual Effects

Course Description
Exploring procedural and three-dimensional animation methods to create realistic special effects. Applying a large spectrum of animation principles to integrate their effects aesthetically and convincingly into a live action or animated environment.

Department
Computer Science

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Note
Course changed to CSAnm 458 beginning Fall 2012.

Learning Outcomes

Title
Effects Creation

Tags
106826, 0

Learning Outcome
Students will be able to model, animate, light, and composite virtual environmental effects and character effects such as fire, smoke, water, and so forth.

Title
Artistry in Technical Achievement

Tags
187210, 1

Learning Outcome
Students will be able to balance the artistry and technical aspects of visual effects in film.

Title
3D with a 2D Foundation

Tags
187211, 2

Learning Outcome
Students will be able to apply their knowledge of hand-drawn effects to create effects within a 3D environmental context and merge characters into their story and environment.

CSANM 459 - Video Game Production 1

Course Information

Teaching Area (new)
CSANM

Course Number
459

Teaching Area
CSANM

Course Title
Video Game Production 1

Course Description
Using prototyping to develop game experience ideas by building a minimal viable product around a core experience idea. Participating in a team and coordinating tasks, including white-boxing, concept design, modeling, layout, rigging, and tool building.

Department
Computer Science

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Junior or senior status.

Learning Outcomes

Title
Collaboration

Tags
213536, 0, 1, 2023-08-29 08:19:29

Learning Outcome
Students will also be able to collaborate with a diverse team and work through the unexpected challenges that come with working on a team.

Title
Collaboration, Synergy, and Compromise

Tags
213537, 0, 2, 2023-08-29 08:19:30

Learning Outcome
Students will be able to align their efforts to the art direction, gameplay experience, audio, and production constraints of a video game project

Title
Dynamic Roles in Production

Tags
213538, 0, 3, 2023-08-29 08:19:32

Learning Outcome
Students will contribute to the production of an interactive video game by specializing in real-time visual effects, animation, shaders/surfacing, lighting, gameplay prototyping, pipeline development, user interfaces, feedback signaling, or a combination of these.

CSANM 460 - Video Game Production 2

Course Information

Teaching Area (new)
CSANM

Course Number
460

Teaching Area
CSANM

Course Title
Video Game Production 2

Course Description
Polishing a video game for production as a team, including texturing, animation, FX, lighting, tool applications, AI, UI, and gameplay mechanics.

Department
Computer Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Junior or senior status.

Learning Outcomes

Title
Dynamic Roles in Production

Tags
213539, 0, 1, 2023-08-29 08:19:34

Learning Outcome
Students learn production and post-production skills by polishing and completing a full slice (level or stage) of their game. This includes a major focus on playtesting and applying user feedback in an iterative process. Students apply and polish the principles of game feedback and game balance.

Title
Collaboration, Synergy, and Compromise

Tags
213540, 0, 2, 2023-08-29 08:19:35

Learning Outcome
Students divide up tasks including animation, modeling, lighting, FX, user interface, music, and sound, and learn to coordinate their respective roles in the greater context of the game.

CSANM 494R - Special Problems in Animation

Course Information

Teaching Area (new)
CSANM

Course Number
494R

Teaching Area
CSANM

Course Title
Special Problems in Animation

Course Description
Individual study in area of special interest.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Course changed to CSAnm 494R beginning Fall 2012.

Learning Outcomes

Title
Application

Tags
204504, 1

Learning Outcome
Students will solve special problems in animation.

CSANM 497R - BFA Final Project

Course Information

Teaching Area (new)
CSANM

Course Number
497R

Teaching Area
CSANM

Course Title
BFA Final Project

Course Description
Advanced individual project with minimum guidance, showing high degree of competence within chosen major.

Department
Computer Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
BFA advisor's consent.

Note
Course changed to CSAnm 497R beginning Fall 2012.

Learning Outcomes

Title
Application

Tags
204505, 1

Learning Outcome
Students will complete a BFA final project.

CYBER 110 - Introduction to Cybersecurity

Course Information

Course Number
110

Teaching Area
CYBER

Course Title
Introduction to Cybersecurity

Course Description
Cybersecurity terminology, applications, and technologies. Developing fundamental skills with computers, web systems, encryption, and technical problem solving.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Cybersecurity Terminology

Learning Outcome
Apply cybersecurity fundamental terminology (e.g., risk, vulnerabilities, security controls, CIA triad) to describe security weaknesses, attacks, and defenses.

Title
Credibility, Ethics and Evaluation

Learning Outcome
Identify credible sources of cybersecurity information and describe how to search and evaluate information. Describe why credibility of information and acting ethically is so important in the field of Cybersecurity.

Title
Encryption Fundamentals

Learning Outcome
Differentiate between symmetric encryption, asymmetric encryption, and hashes are describe how they are used to provide security services.

Title
Computer Hardware

Learning Outcome
List the components of a computer, how they work together, and examples of cybersecurity attacks related to each.

Title
Operating Systems Defense

Learning Outcome
Implement best practices to harden an operating system. Interact with an operating system using the command line (e.g., Linux).

Title
Data Privacy

Learning Outcome
Describe generally accepted privacy principles and the role of privacy policies and laws in protecting privacy.

Title
Usable and Secure Computing

Learning Outcome
Describe the relationship between security and usability and create an interface prototype using security by design principles.

Title
Networking

Learning Outcome
Describe the how network layers and packets work. Analyze network packet data.

Title
Web Systems

Learning Outcome
Create a website using HTML, CSS, and minimal Javascript and understand how the technologies work together.

Title
Defending our Faith

Learning Outcome
Identify situations where faith is challenged and strategies for defending core beliefs.

CYBER 199R - Academic Internship: Cybersecurity

Course Information

Teaching Area (new)
IT&C

Course Number
199R

Teaching Area
CYBER

Course Title
Academic Internship: Cybersecurity

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Electrical and Computer Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor and college internship coordinator approval.

Note
Follow the Department Pre-Registration Instructions prior to Internship Application. An APPROVED Internship Application is required before adding.

CYBER 210 - Secure Web Development

Course Information

Course Number
210

Teaching Area
CYBER

Course Title
Secure Web Development

Course Description
Learn to develop content and applications for the World-Wide Web while applying principles of security, privacy, and data assurance.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CYBER 110 - Introduction to Cybersecurity
  AND C S 111 - Introduction to Computer Science

Learning Outcomes

Title
Web Development and Deployment Tools

Learning Outcome
Deploy secure development and production environments for web sites and services.

Title
Secure Web Programming

Learning Outcome
Design, implement, and debug web systems including single-server solutions and distributed systems.

Title
Web Patterns and Frameworks

Learning Outcome
Use common design patterns for web programming using front-end and back-end web frameworks.

Title
Databases

Learning Outcome
Deploy relational and document (NoSQL) databases and use them securely in the development of web projects.

Title
Web Security

Learning Outcome
Implement authentication, authorization, and session management in secure web applications. Apply data assurance principles when managing access and protecting communication.

Title
Lifelong Learning

Learning Outcome
Acquire and apply life-long learning skills to find, assess, and appropriately utilize information resources and tools to solve technical problems and progress spiritually.

Title
Written and Visual Communication

Learning Outcome
Demonstrate skills in reading and writing technical communication including the use of sample source code, UML diagrams, tables, and charts.

Title
Web and Society

Learning Outcome
Describe how web technologies, standards, and accessibility influence human wellbeing and how conflicting incentives can lead to unethical outcomes.

CYBER 231 - Ethics, Law, and Leadership

Course Information

Teaching Area (new)
IT&C

Course Number
231

Teaching Area
CYBER

Course Title
Ethics, Law, and Leadership

Course Description
Personal, professional, organizational, and societal ethics for computing and cybersecurity. Legal issues from US and international perspective. Leadership principles and practices.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
IT&C 101 or familiarity with computing systems

Learning Outcomes

Title
Identify Ethical & Legal Issues

Tags
213262, 0, 8, 2023-08-24 14:59:34

Learning Outcome
Identify common ethical and legal issues that arise for individuals, managers, and organizations in the Computing and Cybersecurity domains (e.g., privacy, accountability, intellectual property).

Title
Ethical Reasoning

Tags
213263, 0, 9, 2023-08-24 14:59:34

Learning Outcome
Use ethical reasoning, professional and organizational codes of conduct, and legal understanding to analyze and suggest resolutions to ethical dilemmas.

Title
Assess Impact of Decisions

Tags
213264, 0, 10, 2023-08-24 14:59:34

Learning Outcome
Assess the impact of ones' attitudes, choices, and behaviors on teams, organizations, and society.

Title
Describe the Impact of Technology

Tags
213265, 0, 11, 2023-08-24 14:59:34

Learning Outcome
Describe the various ways that information technologies and security impact individuals, organizations, and society.

Title
Recognize Self-Deception

Tags
213266, 0, 12, 2023-08-24 14:59:34

Learning Outcome
Recognize how self-deception and an inward mindset can influence ethical judgement.

Title
Cultural Awareness

Tags
213267, 0, 13, 2023-08-24 14:59:34

Learning Outcome
Compare ethical and legal approaches to technology policy among different cultures and nations in an empathetic and historical manner.

Title
Leadership

Tags
213268, 0, 14, 2023-08-24 14:59:34

Learning Outcome
Explain characteristics associated with strong ethical leaders and critique one's own performance in relation to them.

CYBER 247 - Networks and Security

Course Information

Teaching Area (new)
IT&C

Course Number
247

Teaching Area
CYBER

Course Title
Networks and Security

Course Description
Conceptual and practical computer networks. Internet, local and wide area networks. Switches and routers. Network security.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Networking Concepts

Tags
207333, 0, 1, 2023-08-26 08:50:31

Learning Outcome
Utilize appropriate terminology, standards, and models to demonstrate technical proficiency in networking practices.

Title
Network Solutions

Tags
207334, 0, 2, 2023-08-26 08:50:31

Learning Outcome
Design and implement network solutions that meet organizational needs and adhere to best practices, including switching, routing, DNS, NAT/PAT, DHCP, and wireless connectivity.

Title
Network Security

Tags
207335, 0, 3, 2023-08-26 08:50:31

Learning Outcome
Analyze enterprise network implementations to identify security vulnerabilities and evaluate technical and administrative mitigations that align with security policies and best practices.

Title
Network Troubleshooting

Tags
207336, 0, 4, 2023-08-26 08:50:31

Learning Outcome
Apply a structured troubleshooting methodology, aligned with best practices, to diagnose and resolve common network problems related to connectivity and configurations.

Title
Character Development

Tags
207339, 0, 7, 2023-08-26 08:50:31

Learning Outcome
Foster growth by reflecting on self-confidence, adaptability, and attention to detail to support a service-orientation.

CYBER 266 - Adversarial & Cybersecurity Mindset

Course Information

Course Number
266

Teaching Area
CYBER

Course Title
Adversarial & Cybersecurity Mindset

Course Description
Adversarial mindset and tactics; architectural and human vulnerabilities and strategies for protecting against them; cybersecurity terminology; threat actors and risk; ethical responsibility; management and governance considerations.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Recommended
IT&C 101 or familiarity with computing systems.

Learning Outcomes

Title
Cyber Systems Analysis

Tags
213297, 0, 1, 2023-08-26 08:50:02

Learning Outcome
Apply cybersecurity terminology, critical thinking, and models (e.g., ATT&CK Framework) to analyze a socio-technical system.

Title
Identify Vulnerabilities

Tags
213298, 0, 2, 2023-08-26 08:50:02

Learning Outcome
Identify common human and technical weaknesses.

Title
Attack Techniques

Tags
213299, 0, 3, 2023-08-26 08:50:02

Learning Outcome
Describe common individual attacks and evaluate which ones apply in different contexts.

Title
Adversarial Mindset

Tags
213300, 0, 4, 2023-08-26 08:50:02

Learning Outcome
Apply adversarial thinking by designing and evaluating a multi-stage attack on a specific target with proper ethical considerations.

Title
Character Development

Tags
213301, 0, 5, 2023-08-26 08:50:02

Learning Outcome
Foster growth by reflecting on mental agility, strategic focus, and ethical discernment.

Title
For the Benefit of the World

Tags
213302, 0, 6, 2023-08-26 08:50:02

Learning Outcome
Apply the adversarial mindset to recognize deception and enhance security within your sphere of influence.

CYBER 291 - Sophomore Seminar

Course Information

Course Number
291

Teaching Area
CYBER

Course Title
Sophomore Seminar

Course Description
Cybersecurity careers, with an emphasis on digital forensics, cybersecurity compliance, cloud computing, security operation centers, cybersecurity engineering, network security, and AI security.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Fixed/Max:
0.5

Learning Outcomes

Title
Professional Awareness and Self Reflection

Learning Outcome
Understand professional issues and job opportunities in the fields of IT and Cybersecurity and reflect on how they apply to oneself.

Title
Cybersecurity Focus Areas

Learning Outcome
Use correct terminology to describe cybersecurity focus areas including: digital forensics, cybersecurity compliance, cloud computing, security operation centers, cybersecurity engineering, network security, and AI security.

CYBER 293 - Professional Seminar

Course Information

Teaching Area (new)
IT&C

Course Number
293

Teaching Area
CYBER

Course Title
Professional Seminar

Course Description
Developing best employment opportunities and strategies. Interviewing, negotiations, resume, and professional etiquette.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Graduation Requirements

Tags
181016, 4

Learning Outcome
Understand what is required for graduation

Title
Interview Skills

Tags
181022, 1

Learning Outcome
Ability to interview well

Title
Resume

Tags
181137, 0

Learning Outcome
Write a great resume

Title
Business Etiquette

Tags
181245, 3

Learning Outcome
Understand Business Etiquette and the written and unwritten rules in the workplace

Title
Accepting a Job

Tags
181262, 2

Learning Outcome
Understand the offer and negotiate a contract

CYBER 327 - Digital Communications

Course Information

Teaching Area (new)
IT&C

Course Number
327

Teaching Area
CYBER

Course Title
Digital Communications

Course Description
Ohm's law, power, inductance, capacitance, reactance, impedance, resonance, transformers. Properties of waves and electromagnetic radiation, including light. Communication systems, wired and wireless. Bandwidth, modulation; Shannon's theorem, telecommunications. Network physical and data link layers (ISO/OSI model). Optics/Coax/Twisted pair; RS-232/Ethernet; Signals/Protocols/Packets; digital communication theory fundamentals.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Learning Outcomes

Title
Communications Links

Tags
209616, 0, 4

Learning Outcome
Describe the data rate limitations of communications links, referencing especially Shannon's Law.

Title
Signal Modulation

Tags
181106, 0, 1, 2023-08-26 08:48:39

Learning Outcome
List the intrinsic advantages and disadvantages of the three types of signal modulation (amplitude, frequency, phase).

Title
Communications of Digital Information

Tags
181030, 0, 2, 2023-08-26 08:48:39

Learning Outcome
Describe multiple types of digital information and how that information is communicated over wire, wireless, and optical fiber.

Title
Characterization of Communications Links

Tags
181250, 0, 3, 2023-08-26 08:48:39

Learning Outcome
Describe how communications links are characterized, including security implications.

Title
Modern Communication Systems

Tags
213295, 0, 8, 2023-08-26 08:48:39

Learning Outcome
Give four characteristics of each of the following communication systems: television, facsimiles, telephone, modems, LANs, WANs, satellite, cell phone and optical systems. One of these characteristics must be security.

Title
Data Rate Limitations

Tags
213296, 0, 9, 2023-08-26 08:48:39

Learning Outcome
Describe the limitations that resistance, capacitance and inductance impose on data rates over wire.

Title
Physical Communication Media

Tags
181042, 0, 5, 2023-08-26 08:48:39

Learning Outcome
Give the physical properties of physical communication media (wire, wireless, optical fiber) and describe how they affect data rate capacity and security.

Title
Digital Information

Tags
181270, 0, 6, 2023-08-26 08:48:39

Learning Outcome
List the advantages of transmitting information digitally (as compared to older analog methods). Include the security advantages.

Title
The EM Spectrum

Tags
181268, 0, 7, 2023-08-26 08:48:39

Learning Outcome
Describe the significance of the EM spectrum and spectral analysis in digital communications.

CYBER 344 - Operating Systems

Course Information

Teaching Area (new)
IT&C

Course Number
344

Teaching Area
CYBER

Course Title
Operating Systems

Course Description
Applying and using computer operating systems. Configuration, file systems, security, administration, network interfacing, multitasking, multiuser, device driver installation. Analyzing operating system performance.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IT&C 210B - Web Systems and Security (Inactive)
  AND CYBER 266 - Adversarial & Cybersecurity Mindset
  AND EC EN 225 - Computer Systems Laboratory

Other Prerequisites
Must have received a grade of C or higher in IT&C 210B.

Learning Outcomes

Title
OS Architecture

Tags
181260, 0, 0, 2023-08-26 08:48:09

Learning Outcome
Describe the purposes, types, components, functions and inter-relationships of operating systems (desktop, mobile, and enterprise). Describe how hardware enables and integrates with this functionality.

Title
OS Subsystems

Tags
181150, 0, 1, 2023-08-26 08:48:09

Learning Outcome
Describe how OS sub-systems work (scheduling, memory management, etc).

Title
OS Practice

Tags
181165, 0, 2, 2023-08-26 08:48:09

Learning Outcome
Demonstrate an ability to work with Operating Systems by installing, compiling, configuring, and optimizing real and virtual systems. Describe Scalability issues.

Title
Information Assurance and Security

Tags
181092, 0, 3, 2023-08-26 08:48:09

Learning Outcome
Describe common IAS concepts related to system administration. Describe system administration aspects of IAS, including authentication, directory services and access control models.

Title
OS Distribution and Virtualization

Tags
181135, 0, 4, 2023-08-26 08:48:09

Learning Outcome
Describe distributed/virtualization computing concepts. Implement some distributed services in an enterprise environment.

Title
Development

Tags
181214, 0, 5, 2023-08-26 08:48:09

Learning Outcome
Independently create systems that are in developing fields or applications of OS and system administration.

CYBER 350 - Database Principles and Applications

Course Information

Teaching Area (new)
IT&C

Course Number
350

Teaching Area
CYBER

Course Title
Database Principles and Applications

Course Description
Database theory and architecture; data modeling; designing application databases. Query languages, data security, relational and non-relational databases.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- IT&C 210B - Web Systems and Security (Inactive)
  AND STAT 201 - Statistics for Engineers and Scientists
  AND C S 236 - Discrete Structures

OR

Complete ALL of the following Courses:
- IT&C 210B - Web Systems and Security (Inactive)
  AND STAT 121 - Introduction to Statistical Data Analysis
  AND C S 236 - Discrete Structures

OR

Complete ALL of the following Courses:
- IT&C 210B - Web Systems and Security (Inactive)
  AND STAT 201 - Statistics for Engineers and Scientists
  AND MATH 213 - Elementary Linear Algebra

Learning Outcomes

Title
Concepts and Terminology of Information Management

Tags
181140, 0, 1, 2023-08-26 08:46:14

Learning Outcome
Define and apply the concepts and terminology of Information Management.

Title
Conceptual and Data Modeling

Tags
181261, 0, 2, 2023-08-26 08:46:14

Learning Outcome
Apply conceptual modeling concepts using standard techniques such as Entity Relationship and Schema diagrams and tools.

Title
Compare types of databases

Tags
181110, 0, 4, 2023-08-26 08:46:14

Learning Outcome
Compare and contrast different types of specialized databases and their use cases (e.g., relational, time-series, document, graph).

Title
Security and Administration

Tags
181173, 0, 4, 2023-08-26 08:46:14

Learning Outcome
Install, manage, and secure a database management system and application (e.g., use minimal privileges; protect against injection; secure database connections).

Title
Project Management

Tags
213294, 0, 10

Learning Outcome
Apply project management tools and techniques.

Title
Database Systems Integration and Testing

Tags
181038, 0, 9, 2023-08-26 08:46:44

Learning Outcome
Integrate, deploy, and demonstrate operational applications on database system infrastructure. Includes use of DDL, DML, programming interfaces and UI implementation.

CYBER 366 - Defensive Cybersecurity

Course Information

Teaching Area (new)
IT&C

Course Number
366

Teaching Area
CYBER

Course Title
Defensive Cybersecurity

Course Description
Defensive security with the knowledge and tools to safeguard critical information. Security best practices, risk management, incident response, and critical defensive technology.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CYBER 344 - Operating Systems
  AND CYBER 247 - Networks and Security

AND

Prerequisites

Complete ALL of the following Courses:

- WRTG 312 - Persuasive Writing
  OR WRTG 316 - Technical Communication

Learning Outcomes

Title
Incident Response

Tags
181024, 1

Learning Outcome
Explain the incident response process to effectively identify, mitigate, and recover from security incidents.

Title
Governance Policies

Tags
181138, 4

Learning Outcome
Analyze how security policies are implemented on systems to protect a network with an awareness of laws, regulatory standards, and best practices.

Title
Security Plan

Tags
181141, 3

Learning Outcome
Use risk assessment methods to create a security plan that addresses both technical and non-technical countermeasures for a management audience.

Title
Risk Management

Tags
181184, 2

Learning Outcome
Describe how risk relates to a system security policy and evaluate and categorize risk with respect to technology, people, and processes.

Title
Secure Network Environments

Tags
181212, 0

Learning Outcome
Configure and maintain secure network environments, including encryption, firewalls, intrusion detection systems, and virtual private networks (VPNs).

Title
Organizational Implications

Tags
181632, 5

Learning Outcome
Explain the benefits, limitations, and usability impact that network environments have an organization.

Title
Network Cyber Defense

Learning Outcome
Describe cyber defense tools, methods, and components, and apply cyber defense methods to prepare a network system to repel attacks.

CYBER 391 - Junior Seminar

Course Information

Course Number
391

Teaching Area
CYBER

Course Title
Junior Seminar

Course Description
Cybersecurity careers, with an emphasis on penetration testing, industrial control systems, reverse engineering, encryption, leadership (e.g., CISO), law, and research.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Professional Awareness and Self Reflection

Learning Outcome
Understand professional issues and job opportunities in the fields of IT and Cybersecurity and reflect on how they apply to oneself.

Title
Lifelong Learning

Learning Outcome
Seek and acquire knowledge to achieve academic, career, and personal success as a lifelong learner.

Title
Cybersecurity Focus Areas

Learning Outcome
Use correct terminology to describe cybersecurity focus areas including: penetration testing, industrial control systems, reverse engineering, encryption, leadership (e.g., CISO), law, and research.

CYBER 399R - Academic Internship: Cybersecurity

Course Information

Teaching Area (new)
IT&C

Course Number
399R

Teaching Area
CYBER

Course Title
Academic Internship: Cybersecurity

Course Description
Experience in industrial environment. Approved job function supervised by employer and Cybersecurity advisor. Formal technical report required.

Department
Electrical and Computer Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Approval from the instructor and college internship coordinator required

Note
Follow the Department Pre-Registration Instructions prior to Internship Application. An APPROVED Internship Application is required before adding.

CYBER 444 - System Administration

Course Information

Teaching Area (new)
IT&C

Course Number
444

Teaching Area
CYBER

Course Title
System Administration

Course Description
Systems and network administration. User management. Server and workstation deployment and maintenance. Network Security. Infrastructure. Systems and infrastructure support. Cross-platform systems integration. Update and patch management.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CYBER 366 - Defensive Cybersecurity

Learning Outcomes

Title
Tasks

Tags
209968, 0, 1

Learning Outcome
Describe the types of computing tasks managed by Systems Administrators.

Title
Skills

Tags
209969, 0, 2

Learning Outcome
Demonstrate the ability to complete technical tasks in a small team environment by working with a team of peers to accomplish goals which are too large for a single team member to accomplish in a reasonable time.

Title
Multi-server Windows System

Tags
209971, 0, 4

Learning Outcome
Demonstrate the responsibilities required to administer a multi-server Microsoft Windows system by deploying an integrated system of servers.

Title
Multi-server Linux System

Tags
209972, 0, 5

Learning Outcome
Demonstrate the responsibilities required to administer a multi-server Linux system by deploying an integrated system of servers.

Title
Networking

Tags
209973, 0, 6

Learning Outcome
Demonstrate inter-server integration of network services such as DNS, SMTP, HTTP.

Title
Technologies

Tags
209974, 0, 7

Learning Outcome
Explain the history and future of computer systems technologies such as operating systems, networking, virtualization, scripting.

Title
Systems

Tags
209970, 0, 3

Learning Outcome
Explain the differences between workstations and servers, as well as the administrative differences between small, medium and large systems of computers.

Title
Tools

Tags
209975, 0, 8

Learning Outcome
Demonstrate the ability to find software tools to solve administrative issues.

Title
Communications

Tags
209976, 0, 9

Learning Outcome
Demonstrate professional communication skills by explaining new tools to a technical audience.

CYBER 466 - Digital Forensics

Course Information

Teaching Area (new)
IT&C

Course Number
466

Teaching Area
CYBER

Course Title
Digital Forensics

Course Description
Fundamentals of digital forensics, evidence acquisition, incident investigation techniques and tools, analysis of real-world scenarios involving criminal activity, terrorism, and insider threats.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- C S 465 - Computer Security
  OR IS 414 - Information Systems Security and Controls
  OR CYBER 344 - Operating Systems

Learning Outcomes

Title
Evidence Acquisition

Tags
181164, 0, 0, 2023-08-26 08:35:19

Learning Outcome
Acquire, analyze, and interpret digital evidence in a forensically sound manner

Title
Initial Triage

Tags
181039, 0, 1, 2023-08-26 08:35:19

Learning Outcome
Analyze initial evidence properties to determine appropriate analysis techniques and toolsets to apply

Title
Forensic analysis

Tags
181280, 0, 2, 2023-08-26 08:35:19

Learning Outcome
Examine operating system and application artifacts for forensic value

Title
Facilitate stakeholder understanding

Tags
181075, 0, 4, 2023-08-26 08:35:19

Learning Outcome
Create a timeline of system events and communicate findings to various stakeholders

CYBER 467 - Cybersecurity and Penetration Testing

Course Information

Teaching Area (new)
IT&C

Course Number
467

Teaching Area
CYBER

Course Title
Cybersecurity and Penetration Testing

Course Description
Advanced computer systems security. Vulnerabilities and exploits. System and network attacks. Ethical hacking and penetration testing. Cyber security, cyber weapons, and advanced persistent threats. Legal and regulatory requirements for security and privacy.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:
- CYBER 366 - Defensive Cybersecurity
  OR C S 465 - Computer Security
  OR IS 414 - Information Systems Security and Controls

Other Prerequisites
Or permission of instructor.

Learning Outcomes

Title
Cybersecurity Assessments

Tags
181183, 0, 0, 2023-08-26 08:34:16

Learning Outcome
Plan and conduct cybersecurity assessments, including penetration tests and risk evaluations, using standard methodologies.

Title
Legal and Ethical Behavior

Tags
181160, 0, 1, 2023-08-26 08:34:16

Learning Outcome
Apply legal and ethical principles while adopting an attacker's perspective to identify and exploit system vulnerabilities responsibly.

Title
Tools and techniques

Tags
181044, 0, 2, 2023-08-26 08:34:16

Learning Outcome
Select and use appropriate tools to perform reconnaissance, scanning, exploitation, and post-exploitation tasks. Analyze and interpret results to guide next steps and achieve assessment objectives.

Title
Communicate results and remediation

Tags
181210, 0, 3, 2023-08-26 08:34:16

Learning Outcome
Create professional reports and presentations that clearly communicate technical findings, risks, and recommendations to both technical and non-technical audiences.

Title
Teamwork and Project Management

Learning Outcome
Collaborate effectively in a team to plan, execute, and present a cybersecurity project.

Title
Character Development

Learning Outcome
Foster growth by reflecting on curiosity, persistence, and effective communication.

CYBER 492R - Special Problems in Cybersecurity

Course Information

Teaching Area (new)
IT&C

Course Number
492R

Teaching Area
CYBER

Course Title
Special Problems in Cybersecurity

Course Description
Individual study and project work related to a current topic in cybersecurity.

Department
Electrical and Computer Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

CYBER 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
IT&C

Course Number
495R

Teaching Area
CYBER

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

CYBER 515R - Special Topics in Cybersecurity

Course Information

Teaching Area (new)
IT&C

Course Number
515R

Teaching Area
CYBER

Course Title
Special Topics in Cybersecurity

Course Description
New topics in cybersecurity for graduate and qualified undergraduate students. Standard lecture and lab format.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

CYBER 529 - Advanced Networking

Course Information

Teaching Area (new)
IT&C

Course Number
529

Teaching Area
CYBER

Course Title
Advanced Networking

Course Description
Analyzing, selecting, configuring, monitoring, and managing of computer network equipment. SNMP-based monitoring and control in process of fault isolation and root cause analysis.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
IT 344, 347; or equivalents

Learning Outcomes

Title
Network Protocols

Learning Outcome
Demonstrate a deep understanding of network protocols through critical analysis to better provision and secure network services

Title
Network Architecture and Emerging Technologies

Learning Outcome
Utilize appropriate resources to internalize and articulate network architectures, emerging technologies, and network mechanisms and apply this knowledge to address current network and security challenges.

Title
Design, Implement, & Secure Networks

Learning Outcome
Design, develop, and implement network features by applying best practices in network security and utilizing appropriate tools and technologies.

Title
Continuous Improvement

Learning Outcome
Identify areas of growth and make plans for continuous improvement along the areas of collaboration, spiritual growth, critical thinking, and problem solving

CYBER 530 - Scientific Computing

Course Information

Teaching Area (new)
IT&C

Course Number
530

Teaching Area
CYBER

Course Title
Scientific Computing

Course Description
Applying principles and practices of scientific computing technologies. Workflow optimization, shell\ncommands, job scheduling, parallel and distributed programming.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Recommended
Must know how to program in at least one language, including knowing\nhow to write conditionals, loops, and functions. Preferred C++

Learning Outcomes

Title
Parallel Computing

Tags
213290, 0, 1, 2023-08-26 08:36:36

Learning Outcome
Understand and implement parallel computing practices including threading, multi-processing, mutual exclusion, and avoiding race conditions.

Title
Distributed Computing

Tags
213291, 0, 2, 2023-08-26 08:36:36

Learning Outcome
Utilize networked computers to solve problems using techniques such as workflow decomposition, job scheduling, and message passing.

Title
Technical Concepts and Practices

Tags
213292, 0, 3, 2023-08-26 08:36:36

Learning Outcome
Define and apply supporting concepts and tools such as Bash, version control, build systems, basic computer architecture and storage management at scale.

Title
Effective Communication

Tags
213293, 0, 4, 2023-08-26 08:36:36

Learning Outcome
Illustrate through written reports and verbal presentation the impact of computing on scientific research.

CYBER 548 - Cyber-Physical Systems

Course Information

Teaching Area (new)
IT&C

Course Number
548

Teaching Area
CYBER

Course Title
Cyber-Physical Systems

Course Description
Integration of technologies to design, develop, and secure computing systems that interact with the real world, including sensors, actuators, communication protocols, user experience, and microcontrollers. Security analysis of Industrial Control Systems (ICS) and Internet of Things (IoT) systems.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Industrial Control System Security

Tags
210497, 0, 1

Learning Outcome
Understand and explain the role of industrial control systems (e.g., SCADA systems) in industry and identify unique cybersecurity risks associated with them.

Title
Cyber-Physical System Architectures

Tags
181236, 0, 1, 2023-08-26 08:35:55

Learning Outcome
Understand and explain cyber-physical system component architectures including sensors, actuators, Internet of Things communication protocols, security, user experience, microservices, and cloud.

Title
Industrial Control System Security

Tags
181259, 0, 4, 2023-08-26 08:35:55

Learning Outcome
Explain how the fields of Information Technology (IT) and Mechatronics interact.

Title
Understand Interdisciplinary Nature of Cyber-Physical Systems

Tags
213289, 0, 9, 2023-08-26 08:35:55

Learning Outcome
Explain how the fields of Information Technology, Electrical & Computer Engineering, Mechanical Engineering, and Cybersecurity relate to cyber-physical systems.

Title
Design and Build Cyber-Physical Systems

Tags
181285, 0, 6, 2023-08-26 08:35:55

Learning Outcome
Design and build cyber-physical systems with heterogenous component technologies including sensors, actuators, interface electronics, web technologies, communication prototocols, cloud, and embedded computing components (e.g., microcontrollers).

Title
Cyber-Physical System Security

Tags
181263, 0, 8, 2023-08-26 08:35:55

Learning Outcome
Evaluate the security of cyber-physical systems according to industry recognized security frameworks and present findings and recommendations.

CYBER 555 - Usable & Secure Design

Course Information

Teaching Area (new)
IT&C

Course Number
555

Teaching Area
CYBER

Course Title
Usable & Secure Design

Course Description
Research and advanced techniques for designing, prototyping, building, and evaluating secure socio-technical user experiences. Human-computer interaction research theories, methods, and frameworks to explore privacy and security by design.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Recommended
User Experience Design experience

Learning Outcomes

Title
Human Computer Interaction Theory

Tags
181558, 2

Learning Outcome
Explain the role of theory in HCI, privacy, and cybersecurity and its impact on socio-technical systems design

Title
Interfacing Techniques

Tags
181559, 3

Learning Outcome
Create, extend, and evaluate advanced human-computer interfacing techniques

Title
Research Proposal

Tags
181560, 4

Learning Outcome
Design and write a research proposal

Title
Human Subjects Research

Tags
181561, 5

Learning Outcome
Apply ethical practices when working with human research participants

Title
Prototyping

Tags
181562, 6

Learning Outcome
Apply user-centered design techniques to create a prototype based on usable and secure design principles and theories

Title
Secure Design

Tags
181563, 7

Learning Outcome
Implement cybersecurity strategies, tactics, and techniques related to the design of an HCI system

Title
Academic Writing

Learning Outcome
Write and submit a peer reviewed research product (e.g., extended abstract, poster, conference paper)

CYBER 562 - Cloud Architecture & Security

Course Information

Course Number
562

Teaching Area
CYBER

Course Title
Cloud Architecture & Security

Course Description
Fundamentals of building and securing IT infrastructure in the cloud. Covers architectural and security design patterns, infrastructure as code, optimization, reliability, and pricing, in a variety of contexts.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CYBER 350 - Database Principles and Applications
  AND CYBER 366 - Defensive Cybersecurity

Other Prerequisites
Or permission of instructor

Learning Outcomes

Title
Cloud Terminology

Learning Outcome
Describe cloud terminology and related architectural design patterns, reliability, infrastructure as code, and security.

Title
Implement Secure Architectural Design Patterns

Learning Outcome
Implement appropriate design patterns and architectural options for a variety of use cases.

Title
Improve Performance

Learning Outcome
Select compute, storage, database, and networking resources to improve performance.

Title
Performance Metrics

Learning Outcome
Develop and evaluate the most important performance metrics for a given application.

Title
Cost and Resource Management

Learning Outcome
Follow best practices to minimize costs and suboptimal resource usage.

Title
Secure Data

Learning Outcome
Secure data at every layer of a cloud application.

CYBER 585 - Encryption Implementation

Course Information

Course Number
585

Teaching Area
CYBER

Course Title
Encryption Implementation

Course Description
Encryption as a means for protecting data. How to implement encryption to accomplish security objectives. Selection of appropriate algorithms and protocols. Legal and regulatory requirements related to encryption.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
Graduate status or sufficient cybersecurity experience from a course such as IT&C 366, IS 414, CS 465, or MATH 485.

Learning Outcomes

Title
Encryption Application

Tags
213285, 0, 1, 2023-08-26 08:35:03

Learning Outcome
Explain the purpose of encryption, including common security problems that encryption can solve and those security problems that are not appropriate for encryption.

Title
Encryption Key Management

Tags
213286, 0, 2, 2023-08-26 08:35:03

Learning Outcome
Explain the importance of encryption key management in the security of the encryption implementation. Describe each phase of a key's life and the security concerns for each.

Title
Implementation

Tags
213287, 0, 3, 2023-08-26 08:35:03

Learning Outcome
Implement common industry encryption systems in controlled environments.

Title
Standards

Tags
213288, 0, 4, 2023-08-26 08:35:03

Learning Outcome
Explain applicable industry standards and regulations governing implementation of encryption.

CYBER 592R - Government Cybersecurity Preparation

Course Information

Course Number
592R

Teaching Area
CYBER

Course Title
Government Cybersecurity Preparation

Course Description
Professional seminar for CyberCorps Scholarship for Service and DOD Cyber Service Academy scholarship recipients

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Learning Outcomes

Title
Gov. Cybersecurity Resume

Learning Outcome
Develop and maintain government cybersecurity resume

Title
Scholarship Recipient Community

Learning Outcome
Make contributions that will build the community of gov. cybersecurity scholarship recipients

Title
Professional Preparation

Learning Outcome
Develop professional and leadership skills by participating and presenting in research, club, and professional development activities

CZECH 100 - Language Study: Czech

Course Information

Teaching Area (new)
CZECH

Course Number
100

Teaching Area
CZECH

Course Title
Language Study: Czech

Course Description
Survival-level conversation, reading, listening, and culture skills in Czech.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197025, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197026, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197027, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

CZECH 101 - First-Year Czech

Course Information

Teaching Area (new)
CZECH

Course Number
101

Teaching Area
CZECH

Course Title
First-Year Czech

Course Description
Beginning speaking, listening, reading, and writing skills in Czech.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
193252, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193262, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193270, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193279, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CZECH 102 - First-Year Czech

Course Information

Teaching Area (new)
CZECH

Course Number
102

Teaching Area
CZECH

Course Title
First-Year Czech

Course Description
Second-semester speaking, listening, reading, and writing skills in Czech.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CZECH 101 - First-Year Czech

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193288, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193296, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193305, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193313, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

CZECH 201 - Second-Year Czech

Course Information

Teaching Area (new)
CZECH

Course Number
201

Teaching Area
CZECH

Course Title
Second-Year Czech

Course Description
Intermediate speaking, listening, reading, and writing skills in Czech.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CZECH 102 - First-Year Czech

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193322, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193330, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193339, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193348, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

CZECH 211R - Second-Year Conversation

Course Information

Teaching Area (new)
CZECH

Course Number
211R

Teaching Area
CZECH

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Czech.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CZECH 201 - Second-Year Czech

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193358, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193368, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
193375, 3

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

CZECH 305 - Language Skills Development: Czech

Course Information

Teaching Area (new)
CZECH

Course Number
305

Teaching Area
CZECH

Course Title
Language Skills Development: Czech

Course Description
Increasing proficiency in one or more of the following Czech language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197028, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197029, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197030, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

CZECH 321 - Advanced Grammar: Czech

Course Information

Teaching Area (new)
CZECH

Course Number
321

Teaching Area
CZECH

Course Title
Advanced Grammar: Czech

Course Description
Advance your Czech through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197031, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197032, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197033, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

CZECH 330 - Cultural History of Czech Republic

Course Information

Teaching Area (new)
CZECH

Course Number
330

Teaching Area
CZECH

Course Title
Cultural History of Czech Republic

Course Description
Study of Czech culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Czech 201 or foreign residence experience

Note
Required course for obtaining language credit by examination (Czech 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

Learning Outcomes

Title
Communication skills

Tags
191515, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
191516, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
191517, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
191955, 4

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awarness" requirements.

CZECH 340 - Introduction to Literature: Czech

Course Information

Teaching Area (new)
CZECH

Course Number
340

Teaching Area
CZECH

Course Title
Introduction to Literature: Czech

Course Description
Explore Czech culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197034, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197035, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197036, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197037, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

CZECH 350 - Advanced Language Study for Career Purposes: Czech

Course Information

Teaching Area (new)
CZECH

Course Number
350

Teaching Area
CZECH

Course Title
Advanced Language Study for Career Purposes: Czech

Course Description
Concentration on Czech language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CZECH 330 - Cultural History of Czech Republic

Learning Outcomes

Title
Defined Career Purposes

Tags
196887, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196889, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196891, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196894, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196895, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

DANCE 131 - Jazz Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
131

Teaching Area
DANCE

Course Title
Jazz Dance, Beginning

Course Description
Beginning jazz dance skills and techniques.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Artistic Expression

Tags
186766, 0, 2

Learning Outcome
Students will explore personal expression through movement improvisation, rhythmic connection and musicality.

Title
Appreciation of Dance

Tags
186898, 0, 6

Learning Outcome
Students will articulate an appreciation of dance as an art form and a basic familiarity with accurate Jazz Dance History.

Title
Technical Ability

Tags
186891, 0, 0

Learning Outcome
Students will demonstrate improved beginning level jazz dance skills including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping

DANCE 135 - Tap Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
135

Teaching Area
DANCE

Course Title
Tap Dance, Beginning

Course Description
Fundamentals of tap dance technique.

Department
Dance

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical Skill and Artistry

Tags
210781, 0, 1

Learning Outcome
1. Perform beginner-level tap dance techniques by executing proper foot articulation, coordinated movement patterns, and rhythmic awareness, while expressing an emerging personal style.

Title
Movement Vocabulary

Tags
210782, 0, 2

Learning Outcome
2. Demonstrate fluency in basic tap vocabulary and notation

Title
Cultural Appreciation

Tags
210783, 0, 3

Learning Outcome
3. Cultivate Christlike character and empathy through analysis of tap dance history's complex cultural facets, understanding how this fosters respect for others in building diverse communities

DANCE 140 - Contemporary Modern Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
140

Teaching Area
DANCE

Course Title
Contemporary Modern Dance, Beginning

Course Description
Beginning contemporary modern dance technique, improvisation, choreography, and theory.

Department
Dance

When Taught
Summer Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Dance as an Art Form

Tags
186787, 4

Learning Outcome
Students will articulate an awareness and appreciation of dance as an art form.

Title
Technical Ability

Tags
186813, 1

Learning Outcome
Students will demonstrate beginning technical ability in the areas of:·flexibility· strength and endurance· control of parallel and turn out positions

Title
Improvisation and Composition

Tags
186936, 3

Learning Outcome
Students will demonstrate creative problem solving and interpersonal skills through collaborative improvisation and composition experiences

Title
Elements of Dance

Tags
186954, 2

Learning Outcome
Students will demonstrate and articulate an understanding of the elements of dance (energy, space, and time).

Title
Modern/Contemporary Dance History

Tags
186969, 5

Learning Outcome
Students will articulate knowledge of basic modern/contemporary dance history

DANCE 164 - Music for Movement

Course Information

Teaching Area (new)
DANCE

Course Number
164

Teaching Area
DANCE

Course Title
Music for Movement

Course Description
Theory and technique to increase knowledge and skills in accompanying dance; including understanding of musicality through movement and how music supports movement experiences.

Department
Dance

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Movement and Music

Tags
186785, 1

Learning Outcome
Students will analyze the shared characteristics of movement and music by creating and discussing movement phrases.

Title
Movement Disciplines

Tags
186860, 2

Learning Outcome
Students will evaluate the appropriateness of particular movement disciplines for solving real physical and musical problems.

Title
Kinesthetic Awareness

Tags
186872, 0

Learning Outcome
Students will understand the connection between music and dance by practicing and integrating kinesthetic awareness with musicality.

Title
Musical Awareness

Tags
186893, 3

Learning Outcome
Students will increase musical awareness by choreographing and performing a solo to varied musical styles.

DANCE 170 - Cultural Dance Introduction

Course Information

Teaching Area (new)
DANCE

Course Number
170

Teaching Area
DANCE

Course Title
Cultural Dance Introduction

Course Description
Recreational folk dances from selected world cultures.

Department
Dance

When Taught
Fall, Winter, and Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical Skills

Learning Outcome
1. demonstrate steps, sequences, rhythms, formations and positions of selected beginning folk dances

Title
Cultural Fluency

Learning Outcome
2. cultivate fluency in cultural dance vocabulary

Title
Cultural Context

Learning Outcome
3. analyze selected dances and their role within a cultural context

Title
Cultural Appreciation

Learning Outcome
4. exhibit empathetic understanding of world cultures through a spiritual, practical, and intellectual lens

Title
Community Engagement

Learning Outcome
5. model and embody honor, respect, and appreciation for all people as they engage with diverse perspectives and interactions in lifelong learning and service opportunities.

DANCE 171 - American Clog Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
171

Teaching Area
DANCE

Course Title
American Clog Dance, Beginning

Course Description
Fundamentals of clogging

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical Skill and Artistry

Tags
210788, 0, 1

Learning Outcome
1. Perform beginning-level clogging dance techniques including arm movements, footwork, alignment and weight shifts, expressing personalized style and energy

Title
Terminology

Tags
210789, 0, 2

Learning Outcome
2. Demonstrate fluency in intermediate clogging vocabulary, terminology, and notation

Title
Cultural Analysis and Appreciation

Tags
210790, 0, 3

Learning Outcome
3. Analyze clogging's diverse cultural history to develop Christlike empathy, evaluate its varied influences, and appreciate the contributions that shaped its modern style and steps.

Title
Christlike Character

Learning Outcome
4. Apply character-building traits such as cooperation and accountability while working through partner interactions, creating choreographies, and giving thoughtful partner-assisted corrections"

DANCE 172 - American Folk Dance Forms, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
172

Teaching Area
DANCE

Course Title
American Folk Dance Forms, Beginning

Course Description
Traditional American dance forms including country western line, round, square and contra dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical skills

Learning Outcome
1. Execute steps, sequences, formations and positions of traditional American contra, line and square dances

Title
Cultural Fluency

Learning Outcome
2. Articulate a dance vocabulary of relevant traditional American dance terminology and evaluate historic connections and origins of each style

Title
Community Engagement

Learning Outcome
3. Demonstrate and apply recreational dance skills through performance and participation in community settings, reinforcing habits of lifelong engagement.

Title
Cultural Appreciation

Learning Outcome
4. Cultivate Christlike character through analysis of American dance history, articulating how this understanding fosters respect for others and appreciation of personal heritage.

DANCE 173R - Culture-Specific Dance Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
173R

Teaching Area
DANCE

Course Title
Culture-Specific Dance Beginning

Course Description
Introduction to dance cultures: variable culture focus.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
0

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Technical Skills

Learning Outcome
Students will be able to demonstrate steps, sequences, rhythms, formations and positions of specific styles of cultural dance

Title
Movement Vocabulary

Learning Outcome
Students will develop a movement vocabulary specific to selected dances.

Title
Cultural Context

Learning Outcome
Students will demonstrate knowledge of selected dances within a cultural context.

Title
Cultural Appreciation

Learning Outcome
Students will demonstrate Christ-like character traits such as honor, respect, and empathy for all people as children of God

DANCE 174 - Irish Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
174

Teaching Area
DANCE

Course Title
Irish Dance, Beginning

Course Description
Introduction to traditional Irish dance techniques and skills.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Tags
210796, 0, 1

Learning Outcome
1. demonstrate introductory level Irish solo and figure dance skills with accurate technical and stylistic execution

Tags
210797, 0, 2

Learning Outcome
2. perform accurate sequential movement patterns, step combinations, and rhythms

Tags
210798, 0, 3

Learning Outcome
3. apply stylistically correct alignment, placement and weight shifting

Tags
210799, 0, 4

Learning Outcome
4. articulate understanding of cultural context within Irish dance, music, traditional dress, and history

Learning Outcome
5. integrate spiritual and cultural understanding to support continued growth, lifelong learning, and meaningful engagement beyond the classroom.

DANCE 175 - Polynesian Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
175

Teaching Area
DANCE

Course Title
Polynesian Dance, Beginning

Course Description
Introduction to selected Polynesian dance techniques and skills.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical Skills

Tags
210802, 0, 3

Learning Outcome
Students will be able to perform intermediate Polynesian dance techniques and styles including accurate movement sequences, step combinations, rhythms, correct alignment, placement, and weight shifting

Title
Vocabulary

Tags
210803, 0, 4

Learning Outcome
Students will demonstrate fluency in basic Polynesian dance terminology

Title
Cultural Context

Tags
210800, 0, 1

Learning Outcome
Students will be able to identify aspects of Polynesian culture through music, dress, and cultural history, demonstrating informed cultural awareness and context.

Title
Cultural Appreciation

Tags
210801, 0, 2

Learning Outcome
Students will exhibit Christ-like attributes of respect and empathy for the cultures of Polynesia as they honor their ethnic identities and their identities as children of God.

DANCE 180 - Social Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
180

Teaching Area
DANCE

Course Title
Social Dance, Beginning

Course Description
Traditional and popular ballroom dance; also social skills.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Social Skills

Tags
186856, 4

Learning Outcome
Students will improve their social skills though knowledge and practice.

Title
Demonstrate Leading and Following

Tags
186902, 3

Learning Outcome
Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

Title
Beginning School Figures

Tags
186914, 1

Learning Outcome
Students will demonstrate beginning level school figures associated with each dance by practice and application.

Title
Beginning Technique

Tags
187063, 2

Learning Outcome
Students will demonstrate beginning level the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

DANCE 181 - Country Western Social Dance, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
181

Teaching Area
DANCE

Course Title
Country Western Social Dance, Beginning

Course Description
Beginning popular country western dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Footwork, rhythm, alignment and styling

Tags
186743, 1

Learning Outcome
Students will demonstrate beginning level technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

Title
Social skills

Tags
186761, 3

Learning Outcome
Students will improve their social skills though knowledge and practice.

Title
Leading and following

Tags
186921, 2

Learning Outcome
Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

Title
School figures

Tags
186952, 0

Learning Outcome
Students will demonstrate the beginning level school figures associated with each dance by practice and application.

DANCE 184 - Ballroom Dance, International Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
184

Teaching Area
DANCE

Course Title
Ballroom Dance, International Beginning

Course Description
Bronze level. Waltz, fox-trot, tango, quickstep.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Demonstrate Bronze Level Ballroom School Figures

Tags
186603, 1

Learning Outcome
Students will be able to effectively demonstrate bronze level school figures of International Style Waltz and Quickstep.

Title
Demonstrate Beginning Level Technique

Tags
186604, 2

Learning Outcome
Students will be able to effectively demonstrate beginning level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 185 - Latin Dance, International Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
185

Teaching Area
DANCE

Course Title
Latin Dance, International Beginning

Course Description
Bronze level. Cha-cha, rumba, samba, jive, paso doble.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Demonstrate Bronze Level Latin School Figures

Tags
186605, 1

Learning Outcome
Students will be able to effectively demonstrate bronze level school figures of International Style Samba and Rumba.

Title
Demonstrate Beginning Level Latin Technique

Tags
186606, 2

Learning Outcome
Students will be able to effectively demonstrate beginning level technique in the following areas:1) posture and dance position 2) clarity and use timing 3)proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills.

DANCE 190 - Ballet, Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
190

Teaching Area
DANCE

Course Title
Ballet, Beginning

Course Description
Foundation in ballet technique.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technique Objective

Tags
186923, 0, 0

Learning Outcome

Each student will:
1. Acquire a degree of mastery in beginning ballet technique.

Title
Written Objectives

Tags
187181, 0, 1

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Tags
186941, 0, 2

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

DANCE 192 - Character Dance

Course Information

Teaching Area (new)
DANCE

Course Number
192

Teaching Area
DANCE

Course Title
Character Dance

Course Description
Beginning character dance technique representing various traditional European dance styles.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Technical Skill and Artistry

Tags
210804, 0, 1

Learning Outcome
Students will demonstrate steps, exercises, and sequences of selected styles of character dance.

Title
Technical Skill and Artistry

Tags
210805, 0, 2

Learning Outcome
Students will be able to identify and demonstrate stylistic characteristics of various styles of character dance.

Title
Research and Theory

Tags
210806, 0, 3

Learning Outcome
Students will learn historical and cultural aspects related to the development of character dance.

Title
Research and Theory

Tags
210807, 0, 4

Learning Outcome
Students will analyze a live characer dance performance.

DANCE 228R - Mexican Dance Technique 1

Course Information

Course Number
228R

Teaching Area
DANCE

Course Title
Mexican Dance Technique 1

Course Description
Students will experience the exciting rhythms and movements of footwork that define traditional Mexican Folklorico, while exploring relevant historical and cultural contexts.

Department
Dance

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Recommended
Dance 171, 135, 174 or previous footwork experience

Learning Outcomes

Learning Outcome
1. Students will demonstrate traditional Mexican footwork patterns and other dance technique at an intermediate level using correct posture, alignment and weight shifts

Learning Outcome
2. Students will dentify and properly use correct terminology for footwork associated with traditional Mexican dance

Learning Outcome
3. Students will articulate personal insights into Mexican dance through engagement with performances or cultural events, encouraging cultural appreciation and lifelong learning.

Learning Outcome
4. Students will analyze Mexican history and cultural traditions, including religious influences, through the lens of dance, cultivating thoughtful awareness of cultural meaning and context.

Learning Outcome
5. Students will demonstrate Christ-like character traits such as honor, respect, and empathy for all people as children of God

DANCE 229R - Dance Performance 1

Course Information

Teaching Area (new)
DANCE

Course Number
229R

Teaching Area
DANCE

Course Title
Dance Performance 1

Course Description
Participation as dancers in concert dance production.

Department
Dance

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Production director's consent

Learning Outcomes

Title
Performance Groups

Tags
186607, 1

Learning Outcome
The learning outcomes of this course will be correlated somewhat with the learning outcomes of one of the regular dance performance groups. However, due to the individualized nature of this course, individual outcomes will be designed by the instructor based upon the needs and opportunities of the student.

DANCE 230 - Conditioning

Course Information

Teaching Area (new)
DANCE

Course Number
230

Teaching Area
DANCE

Course Title
Conditioning

Course Description
Dance 230 is designed on the principles of experiential learning in physical exercise, mental practice and spiritual reflection.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- CELL 210 - Human Anatomy (with virtual lab)
  OR CELL 220 - Human Anatomy (with lab)

Learning Outcomes

Title
Spiritually Strengthening

Tags
213547, 0, 1, 2023-08-29 08:32:18

Learning Outcome
You will explore gospel-centered principles of health and discipline, applying them to injury prevention and conditioning practices in order to cultivate greater gratitude for your body as a divine gift.

Title
Intellectually Enlarging

Tags
213548, 0, 2, 2023-08-29 08:32:20

Learning Outcome
You will gain knowledge of training, conditioning, nutrition, and mental health principles and apply evidence-based strategies to optimize physical performance and reduce risk of injury.

Title
Character Building

Tags
213549, 0, 3, 2023-08-29 08:32:21

Learning Outcome
You will develop resilience, humility, and discipline through consistent participation in conditioning exercises, practicing safe habits and personal accountability that foster integrity and self-mastery as an artist-athlete.

Title
Holistic Integration

Learning Outcome
You will strengthen the connection of body, mind, and spirit by integrating physical aptitude, mindfulness, and spiritual practices to thrive as a balanced and flourishing dancer and disciple of Christ.

Title
Lifelong Learning & Service

Learning Outcome
You will design and engage in conditioning practices that promote sustainable health and injury prevention, preparing you to thrive as a lifelong mover, dance professional, and contributor to your community's well-being.

DANCE 231R - Jazz Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
231R

Teaching Area
DANCE

Course Title
Jazz Dance Technique 1

Course Description
Intermediate jazz dance technique.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 240R or Dance 290 or equivalent; Dance 131 or equivalent.

Learning Outcomes

Title
Artistic Expression

Tags
186614, 0, 3

Learning Outcome
Students will demonstrate personal expression through movement improvisation focusing on the following skills:

Immediacy
Spotaneity
Instincts
Rhythm
Musical connection

Title
Appreciation of Dance

Tags
186615, 0, 4

Learning Outcome
Students will articulate an appreciation of dance as an art form, an understanding of various Jazz Dance Styles, and a familiarity with accurate Jazz Dance History.

Title
Technical Ability

Tags
186612, 0, 1

Learning Outcome
Students will acquire intermediate level jazz dance skills including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping
body connectivity
phrasing
performance skills
seqence rentention

DANCE 233 - Aerial Dance Technique

Course Information

Course Number
233

Teaching Area
DANCE

Course Title
Aerial Dance Technique

Course Description
A hybrid dance form, where movement training, strength, and
athletic awareness come together to allow students to create their own Aerial Dance Act.
Apparatuses available to explore include Hoop (Lyra), Corde Lisse (Rope), Straps, and
Silks. Time and focus of class is divided evenly between composition, conditioning and
new skill development, students are encouraged to transfer a broad range of previous
movement knowledge to this vertical art form. The course culminates in an informal
showing to a campus wide audience.

Department
Dance

When Taught
Fall Contact Dept.; Winter.

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
3

Note
Audition Required

Learning Outcomes

Title
Technique Development

Tags
213550, 0, 1, 2023-08-29 08:32:27

Learning Outcome
Students will develop strength, flexibility, connectivity, air awareness/body shaping

Title
Aerial Awareness and Control

Tags
213551, 0, 2, 2023-08-29 08:32:28

Learning Outcome
Students will develop beginning skills with the following Aerial Apparatus: Lyra (Hoop), Spanish Web, Aerial Straps, Butterfly Lift, Basic Handstand training moving into Basic Tumbling – Dive Rolls, Cartwheels, etc.

Title
Skill and Performance Assessment and Writing

Tags
213552, 0, 3, 2023-08-29 08:32:30

Learning Outcome
Students will describe, assess and write about achievement of aerial technical skills and how it relates to their technique as a dancer.

Title
Gospel Principles and the Human Body

Tags
213553, 0, 4, 2023-08-29 08:32:31

Learning Outcome
Students will articulate appreciation for the divine nature of the human body as it relates to gospel principles as well as the relationship between mind/body/spirit.

DANCE 234R - Pilates

Course Information

Course Number
234R

Teaching Area
DANCE

Course Title
Pilates

Course Description
This class will challenge the intermediate through advanced dancer with exercises from the Pilates repertoire that focus on core strength, joint range of motion, coordination, proper alignment, balance, stability, and overall improved mind-body connection.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
1

Lab Hours

Fixed:
3

Note
Audition Required

Learning Outcomes

Tags
213554, 0, 1, 2023-08-29 08:32:33

Learning Outcome
Students will perform any and all exercises from the studied Pilates repertoire.

Tags
213555, 0, 2, 2023-08-29 08:32:34

Learning Outcome
Students will discuss safety, progression and execution of each exercise.

Tags
213556, 0, 3, 2023-08-29 08:32:35

Learning Outcome
Students will have a greater awareness of personal functional movement patterns and how Pilates can help to balance the musculoskeletal system.

DANCE 235R - Tap Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
235R

Teaching Area
DANCE

Course Title
Tap Dance Technique 1

Course Description
Intermediate tap dance technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 135 or equivalent

Learning Outcomes

Title
Technical Skill and Artistry

Tags
210809, 0, 2

Learning Outcome
a. perform intermediate-level tap dance technique, foot articulation including coordinated movement patterns, rhythmic awareness, while applying performance skills and an emerging personal style through improvisation and choreography

Title
Movement Vocabulary

Tags
210810, 0, 3

Learning Outcome
b. employ fluency in tap vocabulary and notation

Title
Historical Knowledge

Tags
210812, 0, 5

Learning Outcome
d. demonstrate knowledge of the history and styles of tap dance and understanding of methods of tap notation.

Title
Cultural Appreciation

Tags
210808, 0, 1

Learning Outcome
e. cultivate Christlike character tand empathy through analysis of tap dance history's complex cultural facets, understanding how this fosters respect for others in building diverse communities

Title
Technical Skill and Artistry

Tags
210811, 0, 4

Learning Outcome
Students will develop a kinesthetic perception to self-evaluate and self-correct.

DANCE 238R - Folk Dance Performance

Course Information

Teaching Area (new)
DANCE

Course Number
238R

Teaching Area
DANCE

Course Title
Folk Dance Performance

Course Description
Participation in a beginning or intermediate level folk dance performance ensemble.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Audition

Fee
$35-$50

Learning Outcomes

Title
Technical Skill

Tags
213566, 0, 1, 2023-08-29 08:34:22

Learning Outcome
Students will be able to 1. perform traditional dance technique and stylization of selected cultures

Title
Performance Skills

Tags
213567, 0, 2, 2023-08-29 08:34:23

Learning Outcome
2. exhibit performance skills including posture, presentation, and characterization

Title
Choreographic Context

Tags
213568, 0, 3, 2023-08-29 08:34:25

Learning Outcome
3. identify the practice of and relationship between recreational and staged forms of cultural dance

Title
Professionalism

Tags
213569, 0, 4, 2023-08-29 08:34:27

Learning Outcome
4. demonstrate strong citizenship and character as a member of a performance ensemble

Title
Cultural Appreciation

Learning Outcome
5. analyze cultural nuances and identify spiritual application through an expanded world view

DANCE 240R - Contemporary Modern Dance, Technique and Theory 1

Course Information

Teaching Area (new)
DANCE

Course Number
240R

Teaching Area
DANCE

Course Title
Contemporary Modern Dance, Technique and Theory 1

Course Description
Fundamental contemporary modern dance technique, improvisation, choreography, and theory.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Appreciating the Human Body

Tags
187105, 1

Learning Outcome
1. Articulate a knowledge and appreciation of the human body regarding physical function, spirituality, and as a tool of expressivity.

Title
Technical Ability

Tags
187106, 2

Learning Outcome
2. Demonstrate increased technical ability in the areas of:

flexibility
strength
endurance
balance
coordination
phrasing
dance performance skills
applying the Patterns of Total Body Connectivity
kinesthetic awareness of body alignment

Title
Elements of Dance

Tags
187107, 3

Learning Outcome
3. Demonstrate knowledge, fundamental control, and application of the elements of dance (as defined by the BEST and BESS vocabularies).

Title
Dance Appreciation

Tags
187109, 4

Learning Outcome
4. Articulate an appreciation for dance as an art form.

DANCE 241R - Contemporary Modern Dance, Technique and Theory 2

Course Information

Teaching Area (new)
DANCE

Course Number
241R

Teaching Area
DANCE

Course Title
Contemporary Modern Dance, Technique and Theory 2

Course Description
Intermediate contemporary modern dance technique and theory.

Department
Dance

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Note
Audition required. This course is required for entry into the dance program.

Learning Outcomes

Title
Appreciating the Human Body

Tags
187135, 1

Learning Outcome
1. Articulate a knowledge and appreciation of the human body regarding physical function, spirituality, and as a tool of expressivity.

Title
Technical Ability

Tags
187136, 2

Learning Outcome
2. Demonstrate increased technical ability in the areas of:

flexibility
strength
endurance
balance
coordination
phrasing
dance performance skills
applying the Patterns of Total Body Connectivity
kinesthetic awareness of body alignment

Title
Elements of Dance

Tags
187137, 3

Learning Outcome
3. Demonstrate knowledge, fundamental control, and application of the elements of dance (as defined by the BEST and BESS vocabularies).

Title
Dance Appreciation

Tags
187138, 4

Learning Outcome
4. Articulate an appreciation for dance as an art form.

DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory

Course Information

Teaching Area (new)
DANCE

Course Number
243R

Teaching Area
DANCE

Course Title
Studio Workshop in Contemporary Modern Dance Technique and Theory

Course Description
Intermediate contemporary modern technique and theory in a workshop setting.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
7.5

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Body Connectivity and Kinesthetic Awareness

Tags
187139, 1

Learning Outcome
Students will demonstrate increased body connectivity and kinesthetic awareness, including:

Breath
Core-distal
Head-tail
Upper-lower
Body-half
Cross-lateral connections

Title
Performance Skills

Tags
187140, 2

Learning Outcome
Demonstrate performance skills including intent, nuance, dynamics, and sense of ensemble.

Title
Anatomical and Dance Language

Tags
187141, 3

Learning Outcome
Articulate and analyze the above principles of technique using accurate anatomical and dance elements language.

DANCE 244R - Beginning Creative Processes

Course Information

Teaching Area (new)
DANCE

Course Number
244R

Teaching Area
DANCE

Course Title
Beginning Creative Processes

Course Description
Foundational dance improvisation and choreography in a workshop setting.

Department
Dance

When Taught
Spring Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DANCE 241R - Contemporary Modern Dance, Technique and Theory 2

OR

Prerequisites

Complete ALL of the following Courses:

- DANCE 245 - Foundational Street Dance Styles

Other Prerequisites

Instructor's consent

Learning Outcomes

Title
Connecting Elements of Dance Choreography to Divine Creativity

Tags
187142, 1

Learning Outcome
Students will be able to express verbally and in written form the fundamental elements of dance composition and how they connect to the divine pattern of creation.

Title
Leadership and Rehearsal Management

Tags
187143, 2

Learning Outcome
Students will demonstrate Christlike leadership abilities such as humility, patience, charity, persistence and diligence as they manage rehearsals and collaborate on projects.

Title
Expanded Movement Vocabulary

Tags
187144, 3

Learning Outcome
Students will be able to create original and personally meaningful movement, avoiding habit or cliche. They will see the connection between their personal voice and their ability to serve and elevate others through sharing their point of view.

Title
Analysis and Appreciation

Tags
187145, 4

Learning Outcome
Students will express an appreciation for and ability to critically analyze varied forms of improvisation and choreography. This refined analytical eye will help them create work that more articulately conveys meaning.

Title
Lifelong Learning

Learning Outcome
Students will demonstrate curiosity in creative processes, a love of learning, and an increased appreciation for the soul as a fusion of body and spirit.

DANCE 245 - Foundational Street Dance Styles

Course Information

Teaching Area (new)
DANCE

Course Number
245

Teaching Area
DANCE

Course Title
Foundational Street Dance Styles

Course Description
Studio course facilitating freestyle movement and surveying various street dance forms.

Department
Dance

When Taught
Fall and Winter Block

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Recommended
Dance 240 or 241

Learning Outcomes

Title
Embodied Connection and Spiritual Awareness

Learning Outcome
You will explore connections between body, mind, and spirit as you experience street and hip-hop dance practices, developing gratitude for movement as a divine form of creative expression. (Spiritually Strengthening)

Title
Foundational Vocabulary and Cultural Contexts

Learning Outcome
You will identify and demonstrate basic movement vocabulary and musical structures from several street and hip-hop styles, building foundational understanding of their artistic, cultural, and historical roots. (Intellectually Enlarging)

Title
Freestyle Practice and Character Development

Learning Outcome
You will engage in guided freestyle, practice foundational grooves, and participate respectfully in community-based forms such as cyphers, cultivating humility, self-discipline, and appreciation for cultural authenticity. (Character Building)

Title
Reflective Practice and Lifelong Learning

Learning Outcome
You will reflect on your personal growth as a mover and artist, applying feedback and curiosity to strengthen your ability to learn through embodied experience beyond the classroom. (Lifelong Learning)

Title
Cultural Recognition and Community Engagement

Learning Outcome
You will recognize key figures, events, and communities that gave rise to street and hip-hop dance, demonstrating respect for these origins through classroom discussion, observation, and shared movement practice. (Service & Community Engagement)

DANCE 260 - Introduction to Dance

Course Information

Teaching Area (new)
DANCE

Course Number
260

Teaching Area
DANCE

Course Title
Introduction to Dance

Course Description
Critical analysis of dance as a cultural and expressive art form, studied through lecture, reading, research, multimedia presentations, and practical movement experiences.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
No previous dance experience required.

Learning Outcomes

Title
Contextualization

Learning Outcome
Students will be able to: 1. Analyze dance as a cultural, historical, and spiritual practice by communicating-through diverse forms-how cultural, philosophical, and sociopolitical contexts shape and differentiate dance, fostering intellectual curiosity, empathy, and respect for diverse human experience.

Title
Interpretation

Learning Outcome
2. Interpret and critique dance works with aesthetic and choreographic insight, using appropriate vocabulary and critical frameworks while exercising humility, discernment, and respect for the creative voice and intent of others.

Title
Embodied and Creative Practice

Learning Outcome
3. Exhibit embodied versatility, artistic agency, and collaborative professionalism by creating original dance works that demonstrate technical skill, creative voice, and a commitment to disciplined practice, shared responsibility, and meaningful artistic contribution.

Title
Critical Analysis

Learning Outcome
4. Produce informed scholarly and critical writing that integrates research, contextual analysis, and reflective engagement with performance, strengthening the ability to think clearly, communicate truthfully, and connect artistic experience to broader questions of meaning and purpose.

Title
Personal Engagment

Learning Outcome
Engage dance as a means of personal and communal expression that cultivates self-awareness, empathy, and a sense of purpose, preparing students to contribute thoughtfully to artistic, cultural, and human communities.

DANCE 261 - Freshman Seminar in Dance

Course Information

Teaching Area (new)
DANCE

Course Number
261

Teaching Area
DANCE

Course Title
Freshman Seminar in Dance

Course Description
Introduction to dance as both a discipline and a unique culture at Brigham Young University. Lectures, reading, discussions, viewings, and writing.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Spiritually Strengthening

Tags
186626, 1

Learning Outcome
1. SWBAT evaluate and make connections between faith, spirituality, and dance by examining diverse religious and cultural perspectives on movement, reflecting on discipleship and worship through your art, and envisioning ways to serve and uplift others through dance and related fields.

Title
Intellectually Enlarging

Tags
186627, 2

Learning Outcome
2. SWBAT to construct interpretations and personal dance philosophies informed by sound research, academic texts, media, and live dance events, discerning essential ideas, and constructing thoughtful, evidence-based interpretations. 3. SWBAT formulate an individualized strategy for navigating the Dance major by integrating information from advisement, program resources, and self-assessment to support intentional academic and professional growth

Title
Character Building

Tags
186628, 3

Learning Outcome
4. SWBAT integrate leadership, collaborative, and professional skills by participating in group projects, demonstrating respect for all, and accountability for interactions and outcomes.

Title
Lifelong Learning & Service

Tags
186629, 4

Learning Outcome
5. SWBAT articulate a personal vision for your future in dance and related fields at BYU by critically reflecting on your training and experiences, identifying areas of strength and interest, and designing a plan for continued artistic and professional development that fosters lifelong learning and meaningful contribution to others.

DANCE 264 - Music for Dancers

Course Information

Teaching Area (new)
DANCE

Course Number
264

Teaching Area
DANCE

Course Title
Music for Dancers

Course Description
Practical application of musical theory related to dance performance, pedagogy, and choreography.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Performance Program Outcomes - Critical Analysis and Interpretation

Tags
186631, 1

Learning Outcome
Demonstrate an understanding of basic musical concepts through physical movement. (Intellectually enlarging)

Title
Teaching Program Outcome - Critical Analysis and Interpretation

Tags
186632, 2

Learning Outcome
emonstrate the ability to utilize music appropriately in a technique class. (Intellectually enlarging)

Title
Teaching Program Outcome - Dance Theory and Curriculum

Tags
186633, 3

Learning Outcome
Examine, synthesize, and apply music literacy within a comprehensive dance curriculum. (intellectually enlarging)

Title
Teaching Program Outcome - Dance Technique and Skill

Tags
186634, 4

Learning Outcome
Demonstrate musical awareness by creating appropriate movement to musical meters. (Intellectually enlarging)

DANCE 270 - Cultural Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
270

Teaching Area
DANCE

Course Title
Cultural Dance Technique 1

Course Description
Intermediate level recreational dances and specific dance technique from selected world cultural styles.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 170 - Cultural Dance Introduction

Learning Outcomes

Title
Technical Skills

Tags
212819, 0, 1

Learning Outcome
1. demonstrate steps, sequences, rhythms, formations and positions of selected intermediate folk dances

Title
Cultural Fluency

Tags
212820, 0, 2

Learning Outcome
2. cultivate fluency in cultural dance vocabulary

Title
Cultural Context

Learning Outcome
3. analyze selected dances and their role within a cultural context

Title
Cultural Appreciation

Learning Outcome
4. exhibit empathetic understanding of world cultures through a spiritual, practical, and intellectual lens

Title
Community Engagement

Learning Outcome
5. model and embody honor, respect, and appreciation for all people as they engage with diverse perspectives and interactions in lifelong learning and service opportunities.

DANCE 271R - Clogging Dance Intermediate Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
271R

Teaching Area
DANCE

Course Title
Clogging Dance Intermediate Technique 1

Course Description
Fundamentals of intermediate Clogging and PowerTap technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 171 or equivalent

Learning Outcomes

Title
Technique and Artistry

Tags
213557, 0, 1, 2023-08-29 08:32:50

Learning Outcome
1. Perform intermediate-level clogging dance techniques including arm movements, footwork, alignment and weight shifts, expressing personalized style and energy

Title
Terminology

Tags
213558, 0, 2, 2023-08-29 08:32:52

Learning Outcome
2. Demonstrate fluency in intermediate clogging vocabulary, terminology, and notation

Title
Cultural Analysis and Appreciation

Tags
213559, 0, 3, 2023-08-29 08:32:53

Learning Outcome
3. Analyze clogging's diverse cultural history to develop Christlike empathy, evaluate its varied influences, and appreciate the contributions that shaped its modern style and steps.

Title
Christlike Character

Tags
213560, 0, 4, 2023-08-29 08:32:55

Learning Outcome
4. Apply character-building traits such as cooperation and accountability while working through partner interactions, creating choreographies, and giving thoughtful partner-assisted corrections

DANCE 272R - Culture-Specific Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
272R

Teaching Area
DANCE

Course Title
Culture-Specific Dance Technique 1

Course Description
Intermediate techniques and skills of dance cultures; variable culture focus.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Previous dance experience.

Learning Outcomes

Title
Technical Skills

Learning Outcome
Students will be able to demonstrate steps, sequences, rhythms, formations and positions of specific styles of cultural dance

Title
Movement Vocabulary

Learning Outcome
Students will develop a movement vocabulary specific to selected dances.

Title
Cultural Context

Learning Outcome
Students will demonstrate knowledge of selected dances within a cultural context.

Title
Cultural Appreciation

Learning Outcome
Students will demonstrate Christ-like character traits such as honor, respect, and empathy for all people as children of God

DANCE 273R - Hungarian Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
273R

Teaching Area
DANCE

Course Title
Hungarian Dance Technique 1

Course Description
Hungarian dance techniques and skills from throughout the Carpathian Basin. \n\n

Department
Dance

When Taught
Winter Even Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Stylistic Proficiency

Tags
214717, 0, 1

Learning Outcome
1. demonstrate proficiency in several Hungarian and Transylvanian couple, solo, and group dance dialects and theoretical information

Title
Technical Skill and Artistry

Tags
214719, 0, 3

Learning Outcome
2. perform accurate movement patterns, step combinations, partnering skills, and rhythms

Title
Movement Vocabulary

Tags
214721, 0, 4

Learning Outcome
3. execute improvisational skills in selected traditional couple and solo dances

Title
Cultural Understanding

Tags
214722, 0, 5

Learning Outcome
4. identify cultural knowledge of Hungarian dance music, dance vocabulary, traditional dress, and historical context

Title
Cultural Appreciation

Learning Outcome
5. Exhibit respect and empathy for the cultural traditions of the Hungarian people, while applying the benefits of immersive movement to spiritual well-being and life-long learning

DANCE 274R - Irish Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
274R

Teaching Area
DANCE

Course Title
Irish Dance Technique 1

Course Description
Intermediate Irish dance techniques and skills of selected set, ceili, and solo dances.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 174 (Irish Dance, Beginning) or equivalent.

Learning Outcomes

Tags
210826, 0, 1

Learning Outcome
1. demonstrate intermediate level Irish solo and figure dance skills with accurate technical and stylistic execution

Tags
210827, 0, 2

Learning Outcome
2. perform accurate sequential movement patterns, step combinations, and rhythms

Tags
210828, 0, 3

Learning Outcome
3. apply stylistically correct alignment, placement and weight shifting

Tags
212813, 0, 4

Learning Outcome
4. articulate understanding of cultural context within Irish dance, music, traditional dress, and history

Learning Outcome
5. integrate spiritual and cultural understanding to support continued growth, lifelong learning, and meaningful engagement beyond the classroom.

DANCE 275 - Polynesian Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
275

Teaching Area
DANCE

Course Title
Polynesian Dance Technique 1

Course Description
Intermediate techniques and skills of selected dances from throughout the Polynesian Islands.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 175 or previous experience.

Learning Outcomes

Title
Technical Skills

Tags
210829, 0, 1

Learning Outcome
Students will be able to perform intermediate I Polynesian dance techniques and styles including accurate movement sequences, step combinations, rhythms, correct alignment, placement, and weight shifting

Title
Vocabulary

Tags
210831, 0, 3

Learning Outcome
Students will demonstrate fluency in basic Polynesian dance terminology

Title
Cultural Context

Tags
210832, 0, 4

Learning Outcome
Students will be able to identify aspects of Polynesian culture through music, dress, and cultural history, demonstrating informed cultural awareness and context.

Title
Cultural Appreciation

Tags
210830, 0, 2

Learning Outcome
Students will exhibit Christ-like attributes of respect and empathy for the cultures of Polynesia as they honor their ethnic identities and their identities as children of God.

DANCE 276R - Exploration of Teaching

Course Information

Teaching Area (new)
DANCE

Course Number
276R

Teaching Area
DANCE

Course Title
Exploration of Teaching

Course Description
Field-based, initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching developmentally sequenced dance in K-12 settings.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  AND DANCE 244R - Beginning Creative Processes
  AND DANCE 261 - Freshman Seminar in Dance

Other Prerequisites
Major approval; FBI fingerprint and background clearance

Learning Outcomes

Title
Teaching Dance in Elementary, Junior High and High School

Tags
187152, 3

Learning Outcome
identify and articulate an understanding of key characteristics of pre K-12 students at varying developmental stages and the specific issues involved with teaching dance at the elementary, junior/middle school, and high school level.

Title
Effective Teaching Methods and Personal Philosophy

Tags
187153, 1

Learning Outcome
create a personal philosophy about the role of dance in education.

Title
Teaching Methods

Tags
187154, 2

Learning Outcome
evaluate effective teaching methods and strategies in the K12 classroom.

Title
Teaching Standards and Guidelines

Tags
187155, 4

Learning Outcome
identify and analyze the following teaching standards and guidelines: National Core Arts Standards State Core Curriculum Utah Effective Teaching Standards 21st C Skills The Five Commitments

Title
Self-Evaluation

Tags
187156, 5

Learning Outcome
self-evaluate their own qualifications, skills, and challenges for entering the teaching profession.

Title
Emerging Teacher Skills

Learning Outcome
demonstrate emerging teaching skills, including: teacher presence, organization, planning/preparation, professionalism, conceptual knowledge, technical ability for modeling/demonstrating, and creative problem-solving.

DANCE 277 - Spanish Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
277

Teaching Area
DANCE

Course Title
Spanish Dance Technique 1

Course Description
Spanish dance techniques and skills of selected traditional dance styles.

Department
Dance

When Taught
Winter Odd Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Previous dance experience.

Learning Outcomes

Title
Stylistic Proficiency

Tags
210833, 0, 1

Learning Outcome
1. demonstrate proficiency in differentiating stylistic movement from various regions of Spain.

Title
Technical Skill and Artistry

Tags
210834, 0, 2

Learning Outcome
2. perform accurate movement patterns, step combinations, alignment, and rhythms with artistry.

Title
Movement Vocabulary

Tags
210835, 0, 3

Learning Outcome
3. comprehend and utilize a basic Spanish dance vocabulary.

Title
Cultural and Geo-political Understanding

Tags
210836, 0, 4

Learning Outcome
4. acquire a basic understanding of Spanish geography, regional differences, history, current politics, costuming, major figures in Spanish dance history and other cultural aspects influencing Spanish dance.

Title
Cultural Appreciation

Learning Outcome
5. exhibit respect and empathy for the Spanish people and their cultural traditions, while applying the benefits of immersive movement to spiritual wellbeing and life-long learning"

DANCE 278 - Ukrainian Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
278

Teaching Area
DANCE

Course Title
Ukrainian Dance Technique 1

Course Description
Ukrainian dance techniques and skills from selected dance styles.

Department
Dance

When Taught
Fall Odd Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 190 or Dance 192 or previous dance experience

Learning Outcomes

Title
Stylistic Proficiency

Tags
210839, 0, 3

Learning Outcome
Students will be able to demonstrate proficiency in differentiating stylistic movement from various regions of Ukraine.

Title
Technical Skill and Artistry

Tags
210840, 0, 4

Learning Outcome
Students will be able to perform accurate movement patterns, step combinations, alignment, and rhythms with artistry.

Title
Movement Vocabulary

Tags
210837, 0, 1

Learning Outcome
Students will comprehend and utilize a basic Ukrainian dance vocabulary.

Title
Cultural and Geo-political Understanding

Tags
210838, 0, 2

Learning Outcome
Students will articulate a basic understanding of Ukrainian geography, regional differences, history, current politics, costuming, major figures in Ukrainian dance history and other cultural aspects influencing Ukrainian dance.

Title
Cultural Appreciation

Learning Outcome
Students will exhibit respect and empathy for the Ukrainian people and their cultural traditions as they honor their national and ethnic identities and their identity as children of God.

DANCE 279 - Indian Dance Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
279

Teaching Area
DANCE

Course Title
Indian Dance Technique 1

Course Description
Indian dance technique from selected classical, folk, and popular dance styles.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Stylistic Proficiency

Learning Outcome
1. demonstrate a beginning proficiency in Bharatanatyam, Bhangra and Bollywood dance forms.

Title
Technical Skill and Artistry

Learning Outcome
2. perform accurate movement patterns, step combinations, alignment, and rhythms with artistry.

Title
Movement Vocabulary

Learning Outcome
3. comprehend and utilize a basic Bharatanatyam and Bhangra dance vocabulary.

Title
Cultural Understanding

Learning Outcome
4. acquire a basic understanding of Indian geography, regional differences, history, current politics, costuming, major figures in Indian dance history and other cultural aspects influencing Indian dance.

Title
Cultural Appreciation

Learning Outcome
5. exhibit respect and empathy for the Indian people and their cultural traditions, while applying the benefits of immersive movement to spiritual wellbeing and life-long learning

DANCE 280 - Social Dance, Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
280

Teaching Area
DANCE

Course Title
Social Dance, Technique 1

Course Description
Silver level: Waltz, Foxtrot, Swing, Cha-Cha, West Coast Swing, Viennese Waltz.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 180 or equivalent

Learning Outcomes

Title
Dance Practice and Application

Tags
186669, 1

Learning Outcome
Students will demonstrate the school figures associated with each dance by practice and application.

Title
Dance Technique

Tags
186670, 2

Learning Outcome
Students will demonstrate the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

Title
Lab and Exam Participation

Tags
186671, 3

Learning Outcome
Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

DANCE 281 - Country Western Social Dance, Intermediate

Course Information

Teaching Area (new)
DANCE

Course Number
281

Teaching Area
DANCE

Course Title
Country Western Social Dance, Intermediate

Course Description
Intermediate-level instruction in popular country western dances.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 181 or equivalent.

Learning Outcomes

Title
Dance Philosophy and the Mission of BYU

Tags
186672, 1

Learning Outcome
Students will embrace a philosophy of dance compatible with the mission of BYU that guides their personal choices in the professional or recreational worlds of dance.

Title
Advanced Technical and Artistic Skill

Tags
186673, 2

Learning Outcome
Students will demonstrate advanced technical skill and artistic skill in one dance genre and at least beginning to intermediate skill in another.

DANCE 284 - Ballroom Dance, International Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
284

Teaching Area
DANCE

Course Title
Ballroom Dance, International Technique 1

Course Description
Silver level. Waltz, fox-trot, tango, quickstep.

Department
Dance

When Taught
Fall, Winter, and Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 184 or equivalent.

Learning Outcomes

Title
Demonstrate silver level ballroom school figures

Tags
186909, 1

Learning Outcome
1. Students will be able to effectively demonstrate silver level school figures of International Style Waltz, Tango and Foxtrot.

Title
Demonstrate, intermediate level, ballroom technique

Tags
187008, 2

Learning Outcome
2. Students will be able to effectively demonstrate intermediate level technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 285 - Latin Dance, International Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
285

Teaching Area
DANCE

Course Title
Latin Dance, International Technique 1

Course Description
Silver level. Cha-cha, rumba, samba, jive, paso doble.

Department
Dance

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 185 or equivalent.

Learning Outcomes

Title
Demonstrate silver level latin school figures

Tags
186827, 1

Learning Outcome
1. Students will be able to effectively demonstrate silver level school figures of International Style Samba, Rumba and Paso Doble.

Title
Demonstrate, intermediate level, latin technique

Tags
187014, 2

Learning Outcome
2. Students will be able to effectively demonstrate intermediate level technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE288R - Ballroom Dance Performance, Beginning

Course Information

Course Number
288R

Teaching Area
DANCE

Course Title
Ballroom Dance Performance, Beginning

Course Description
Performance techniques and experience in ballroom dance.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Audition

Type
Prerequisite

Learning Outcomes

Title
Ballroom Dance Skills

Learning Outcome
1. Students will demonstrate dance skills through technique, stylization, and choreography.

Title
Representing BYU and the Church

Learning Outcome
2. Students will find coherence in what it means to represent Brigham Young University and the Church of Jesus Christ of Latter-day Saints in local areas.

DANCE 290 - Ballet, Accelerated Beginning

Course Information

Teaching Area (new)
DANCE

Course Number
290

Teaching Area
DANCE

Course Title
Ballet, Accelerated Beginning

Course Description
Foundation in ballet technique.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Audition or Dance 190.

Learning Outcomes

Title
Writing Objectives

Tags
187178, 0, 2

Learning Outcome
Each student will:1. Acquire a working knowledge of French ballet terminology.2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objectives

Tags
186810, 0, 4

Learning Outcome
Each student will:1. Demonstrate and understanding of professionalism and ballet etiquette.

Title
Technique Objectives

Tags
186985, 0, 1

Learning Outcome
Each student will:1. Be able to communicate a fundamental awareness of movement and ballet technique principles through kinesthetic means.

DANCE 291R - Ballet Technique 1

Course Information

Teaching Area (new)
DANCE

Course Number
291R

Teaching Area
DANCE

Course Title
Ballet Technique 1

Course Description
Intermediate ballet technique.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4.5

Other Prerequisites
Audition required.

Learning Outcomes

Title
Professionalism Objective

Tags
186802, 0, 8

Learning Outcome
Each student will:1. Demonstrate an understanding of professionalism and ballet etiquette.

Title
Writing Objectives

Tags
186951, 0, 5

Learning Outcome
Each student will:1. Acquire a working knowledge of French ballet terminology.2. Articulate observed personal growth throughout the course of the semester.

Title
Intermediate Beginning Ballet Technique

Tags
186854, 0, 1

Learning Outcome
Each student will: 1. Be able to communicate a growing awareness of movement and intermediate ballet technique principles through kinesthetic means.

DANCE 293R - Ballet Technique 2

Course Information

Course Number
293R

Teaching Area
DANCE

Course Title
Ballet Technique 2

Course Description
Intermediate ballet technique

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1.5

Fixed/Max:
2.5

Lab Hours

Fixed:
7.5

Other Prerequisites
Dance 291R or equivalent

Learning Outcomes

Title
Technique Objective

Learning Outcome
Each student will: Students will be able to communicate a growing awareness of movement and intermediate ballet technique principles through kinesthetic means.

Title
Writing Objective

Learning Outcome
Each student will: Acquire a working knowledge of French ballet terminology. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Learning Outcome
Each student will: Demonstrate an understanding of professionalism and ballet etiquette.

DANCE 294R - Ballet Technique, Men

Course Information

Teaching Area (new)
DANCE

Course Number
294R

Teaching Area
DANCE

Course Title
Ballet Technique, Men

Course Description
Intermediate ballet technique for men.

Department
Dance

When Taught
Fall

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 290 - Ballet, Accelerated Beginning

Recommended
Dance 291 is recommended prior to taking this course

Learning Outcomes

Title
Improvement in Postural Awareness, Strength, etc.

Tags
186675, 2

Learning Outcome
Students will Increase postural awareness; begin to correct imperfections; add physical strength, endurance, flexibility, extension, coordination, grace, precision and elevation; and improve the health and appearance of the physical body.

Title
Awareness of Physical Potential

Tags
186676, 4

Learning Outcome
Students will acquire improved awareness of the physical body and its capacity to move.

Title
Improved Sense of Self Worth

Tags
186677, 5

Learning Outcome
Students will gain a sense of personal accomplishment and worth.

Title
Relationship between Religion and Fine Arts

Tags
186678, 6

Learning Outcome
Enlarge one's understanding of the relationship between religion and the fine arts.

Title
Desire to Patronize Ballet in the Future

Tags
186679, 7

Learning Outcome
Students will increase in desire to patronize the art to some degree in the future.

Title
Evaluation Standard

Tags
186680, 10

Learning Outcome
Students will develop an evaluation standard to aid in selecting future quality ballet training for self and/or for family.

Title
Awareness and Appreciation of Ballet

Tags
187025, 3

Learning Outcome
Students will Increase their awareness and appreciation for ballet, its aesthetic beauty, demanding discipline, and lifelong benefit of enhancing and integrating the physical, spiritual, intellectual, and emotional aspects.

Title
Male Technique

Tags
206763, 1

Learning Outcome
Students will acquire a degree of mastery in men's beginning and intermediate ballet technique.

DANCE 300 - Music Theatre in Contemporary Culture

Course Information

Teaching Area (new)
DANCE

Course Number
300

Teaching Area
DANCE

Course Title
Music Theatre in Contemporary Culture

Course Description
Analysis of the form, evolution and influence of music dance theatre in Western culture.

Department
Dance

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Music dance theatre BFA major status; concurrent enrollment in MUSIC 300 and TMA 300.

Recommended
Concurrent enrollment in Music 328, Dance 328, and TMA 328

Learning Outcomes

Title
MDT Analysis and Communication

Tags
187724, 0, 1

Learning Outcome
Students will analyze, synthesize and articulate the significant facets of music, dance and theatre within the historical context of the musical theatre genre.

DANCE 317 - Advanced Writing for Dance

Course Information

Teaching Area (new)
DANCE

Course Number
317

Teaching Area
DANCE

Course Title
Advanced Writing for Dance

Course Description
This course will expose students to rhetorical principles and situations encountered in the field of dance. Students will refine skills in various genres of academic, persuasive and professional writing, as well as oral communication, supporting their development as dance artists, scholars, educators and advocates. \n

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DANCE 244R - Beginning Creative Processes

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 228 - Acting 2
  AND TMA 241 - Screenwriting 1

Other Prerequisites
1st year writing course.

Recommended
Previous or concurrent enrollment in Dance 261.

Note
Fulfills the Advanced Writing and Oral Communication GE requirement.

Learning Outcomes

Title
Spiritually Strengthening

Tags
214713, 0, 1

Learning Outcome
Creative Composition – Students will strengthen their capacity for inspired creativity by developing disciplined, reflective, and ethical approaches to artistic and written expression.

Title
Intellectually Enlarging

Tags
214714, 0, 2

Learning Outcome
Research – Students will enlarge their intellectual understanding through ethical inquiry, critical analysis, and integration of dance scholarship with personal and spiritual insight.

Title
Character Building

Tags
214715, 0, 3

Learning Outcome
Persuasion and Advocacy – Students will communicate with integrity and compassion, using persuasive writing to uplift, serve, and effect positive change within their communities and professions.

Title
Leading to Lifelong Learning and Service

Tags
214716, 0, 4

Learning Outcome
Students will apply creative, scholarly, and persuasive skills beyond the classroom to contribute meaningfully to their disciplines, communities, and the broader world.

DANCE 320R - Young Ambassadors

Course Information

Teaching Area (new)
DANCE

Course Number
320R

Teaching Area
DANCE

Course Title
Young Ambassadors

Course Description
Participation as soloists, coaches, or directors in music dance theatre performances.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Audition and director's consent

Learning Outcomes

Title
Professional Collaboration

Tags
210345, 0, 2

Learning Outcome
2. Students will exhibit positive and professional collaboratiive skills and behaviors through:

punctuality
preparedness
generous participation
positive attitude

Title
Performance Skills

Tags
210344, 0, 1

Learning Outcome
1. Students will demonstrate enhanced performance abilities through successful completion of rehearsal and performance events.

DANCE 326 - Dance for the Elementary Classroom

Course Information

Teaching Area (new)
DANCE

Course Number
326

Teaching Area
DANCE

Course Title
Dance for the Elementary Classroom

Course Description
Methodology course for elementary education majors; creative dance and structured rhythmic dance forms.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Dance knowledge and skills

Tags
186815, 3

Learning Outcome
Students will increase knowledge and develop skills in the dance discipline, including:· The elements of dance: space, motion, time, energy· Problem solving through movement· Choreographic skills

Title
Incorporate dance into school projects

Tags
186924, 5

Learning Outcome
Students will identify ways to incorporate dance into school-wide projects that create community, including dance festivals and performances.

Title
Age appropriate materials and pedagogy

Tags
186931, 4

Learning Outcome
Students will identify age appropriate material and pedagogy that address the needs of the wide age span of elementary students.

Title
Dance in elementary schools

Tags
186947, 0

Learning Outcome
Students will identify the value of dance in the elementary setting, including the following benefits:· Decision making skills· Confidence and self-expression· Cultural perspective· Collaboration and social skills· Physical skills and kinesthetic learning· Accessibility for a diverse population· Recreation and fun

Title
Dance methodology

Tags
186997, 1

Learning Outcome
Students will demonstrate sound dance methodology, including:· Teaching structured dance forms· Leading the creative process· Clear verbalization of directions, cues, side-coaching, and feedback

Title
Teaching resouces

Tags
187007, 2

Learning Outcome
Students will identify various dance teaching resources that enrich the curriculum, including:· State Core Curriculum· National Standards· Music resources

DANCE 327R - Living Legends

Course Information

Teaching Area (new)
DANCE

Course Number
327R

Teaching Area
DANCE

Course Title
Living Legends

Course Description
Performance that specializes in the music and cultural dance of the Native American, Latin, and Polynesian cultures. Performers will focus on technique and analysis, cultural expertise, performance skills, and leadership. \n

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
Audition and director approval

Learning Outcomes

Title
Technical Skills

Tags
210849, 0, 1

Learning Outcome
1. Perform traditional dance techniques with embodied understanding of selected cultures represented in Living Legends.

Title
Performance Skills

Tags
210850, 0, 2

Learning Outcome
2. Exhibit effective performance skills, including posture, presence, projection, and characterization, within staged productions and a variety of performance settings.

Title
Choreographic & Cultural Context

Tags
210851, 0, 3

Learning Outcome
3. Identify and articulate the relationship between recreational, social, and staged forms of cultural dance, and explain how choreography functions within a theatrical stage show.

Title
Professionalism & Citizenship

Learning Outcome
4. Demonstrate professionalism, strong character, and habits of responsible citizenship as a member of a performance ensemble and as a student ambassador of Brigham Young University and The Church of Jesus Christ of Latter-day Saints.

Title
Cultural Appreciation & Worldview

Learning Outcome
5. Analyze cultural nuances of the dances studied and articulate spiritual and cultural meaning through an expanded worldview and a commitment to continual learning.

DANCE 328 - Script, Movement and Score Analysis

Course Information

Teaching Area (new)
DANCE

Course Number
328

Teaching Area
DANCE

Course Title
Script, Movement and Score Analysis

Course Description
The integration into performance of information gathered from careful research and analysis of movement style, script and score.

Department
Dance

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music dance theatre BFA major status; concurrent enrollment in MUSIC 328 and TMA 328.

Recommended
Concurrent enrollment in Music 300 and TMA 300

Learning Outcomes

Title
Professional Conduct

Tags
187679, 5

Learning Outcome
Students will approach their work in a competent, courteous and professional manner.

Title
Performance Analysis and Integration

Tags
187932, 0, 3

Learning Outcome
Students will integrate their analysis of the script, score and movement into their performance.

Title
Performance Improvement

Tags
187783, 0, 2

Learning Outcome
Students will demonstrate in their class performances essential musical theatre skills in acting, movement and voice production.

DANCE 331R - Jazz Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
331R

Teaching Area
DANCE

Course Title
Jazz Dance Technique 2

Course Description
Advanced jazz dance technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4.5

Other Prerequisites
Dance 231 or equivalent. Dance 241R and Dance 243; or Dance 291R.

Learning Outcomes

Title
Artistic Expression

Tags
186881, 0, 7

Learning Outcome
Students will demonstrate personal expression through movement improvisation focusing on the following skills:

Immediacy
Spontaneity
Instincts
Rhythm
Musical connection
Meditation/stillness
Limitations

Title
Appreciation of Dance

Tags
186992, 0, 14

Learning Outcome
Students will articulate their personal voice through movement, an appreciation of dance as an art form, and an understanding of various Jazz Dance Styles.

Title
Technical Ability

Tags
186974, 0, 1

Learning Outcome
Students will acquire intermediate/advanced level jazz dance skills and mechanics including:

alignment
strength
flexibility
endurance
balance
coordination
body shaping
body connectivity
phrasing
performance skills
musicality
appropriate styling
sequence retention and nuance

DANCE 335R - Tap Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
335R

Teaching Area
DANCE

Course Title
Tap Dance Technique 2

Course Description
Advanced tap dance technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 235 or equivalent.

Learning Outcomes

Title
Technical Skill and Artistry

Tags
212814, 0, 1

Learning Outcome
a. perform advanced-level tap dance technique including foot articulation, coordinated movement patterns, rhythmic awareness, while applying performance skills and an emerging personal style through improvisation and choreography

Title
Movement Vocabulary

Tags
212815, 0, 2

Learning Outcome
b. employ fluency in tap vocabulary and notation

Title
Theory and composition

Tags
212818, 0, 5

Learning Outcome
d. demonstrate understanding of the theory and processes of composition and improvisation

Title
History and Current trends

Tags
212816, 0, 3

Learning Outcome
b. Identify pivotal figures in tap dance history and current trends in tap

Title
Cultural Appreciation

Tags
212817, 0, 4

Learning Outcome
e. cultivate Christlike character and empathy through analysis of tap dance history's complex cultural facets, understanding how this fosters respect for others in building diverse communities.

DANCE 338R - Folk Dance Performance

Course Information

Course Number
338R

Teaching Area
DANCE

Course Title
Folk Dance Performance

Course Description
Participation in a 2nd tier folk dance performing company.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lab Hours

Fixed:
6

Other Prerequisites
Audition

Fee
$75-$100

Learning Outcomes

Title
Technical Skill

Learning Outcome
Students will be able to: 1. perform traditional dance technique and stylization of selected cultures

Title
Performance Skills

Learning Outcome
2. exhibit performance skills including posture, presentation, and characterization

Title
Choreographic Context

Learning Outcome
3. identify the practice of and relationship between recreational and staged forms of cultural dance

Title
Professionalism

Learning Outcome
4. demonstrate strong citizenship and character as a member of a performance ensemble and a student ambassador of BYU and the Church of Jesus Christ of Latter-Day Saints

Title
Cultural Appreciation

Learning Outcome
5. analyze cultural nuances and identify spiritual appreciation through an expanded world view

DANCE 340R - Contemporary Modern Dance, Technique and Theory 3

Course Information

Teaching Area (new)
DANCE

Course Number
340R

Teaching Area
DANCE

Course Title
Contemporary Modern Dance, Technique and Theory 3

Course Description
Intermediate-advanced contemporary modern dance technique and theory.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Other Prerequisites
Dance 243R or equivalent; by audition.

Learning Outcomes

Title
Dance Performance Artistry

Tags
187111, 1

Learning Outcome
Demonstrate increased dance performance artistry in: sequence mastery musicality expressivity personal interpretation nuance ensemble

Title
Intermediate/Advanced Modern Dance Technical Proficiency

Tags
187112, 2

Learning Outcome
Demonstrate intermediate/advanced Modern dance technical proficiency in whole body connectivity strength & flexibility breath initiation and support consistent core support functional alignment balance & coordination groundedness and weight sensing shape clarity, spatial accuracy and range focus rhythmic accuracy articulation dynamic contrast complex movement skills

Title
Technical and Performance Skill Analysis

Tags
187113, 3

Learning Outcome
Describe, assess and write about demonstrated achievement of technical and performance skill

Title
Applying Feedback

Tags
187114, 4

Learning Outcome
Show sustained application of feedback from assessments

Title
Contemporary/Modern Dance as an Art Form

Tags
187115, 5

Learning Outcome
Articulate understanding of Contemporary/Modern dance as an art form

Title
Dance and Gospel Principles

Tags
187116, 6

Learning Outcome
Articulate dance connections to gospel principles mind, body and spirit

DANCE 341R - Contemporary Modern Dance, Technique and Theory 4

Course Information

Teaching Area (new)
DANCE

Course Number
341R

Teaching Area
DANCE

Course Title
Contemporary Modern Dance, Technique and Theory 4

Course Description
Intermediate-advanced contemporary modern dance techniques and theory,

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2.5

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
7.5

Other Prerequisites
Dance 340 or equivalent; by audition.

Learning Outcomes

Title
Contemporary/Modern Dance as an Art Form

Tags
187117, 1

Learning Outcome
Articulate understanding of Contemporary/Modern dance as an art form

Title
Dance Performance Artistry

Tags
186772, 1

Learning Outcome
2. Demonstrate increased dance performance artistry in:sequence masterymusicalityexpressivitypersonal interpretationnuanceensemble

Title
Intermediate/Advanced Proficiency in Ballet and Contemporary

Tags
186843, 0

Learning Outcome
1. Demonstrate intermediate/advanced technical proficiency in both ballet and contemporary dance technique. Areas requiring proficiency include:whole body connectivitystrength & flexibilitybreath initiation and supportconsistent core supportfunctional alignmentbalance & coordinationgroundedness and weight sensingshape clarity, spatial accuracy and rangefocusrhythmic accuracyarticulationdynamic contrastcomplex movement skills

Title
Dance and Gospel Principles

Tags
186899, 5

Learning Outcome
6. Articulate dance connections of gospel principles in mind, body and spirit

Title
Technical Skill and Performance Analysis

Tags
186942, 2

Learning Outcome
3. Describe, assess, and write about:demonstrated achievement of technical and performance skill.the essential and developing relationship that exists between ballet and contemporary dance movement.

Title
Applying Feedback

Tags
186976, 3

Learning Outcome
4. Show consistent and sustained application of feedback from daily class and assessments.

Title
Intermediate/Advanced Ballet and Contemporary Vocabulary

Tags
187010, 4

Learning Outcome
5. Demonstrate intermediate/advanced knowledge of ballet and contemporary vocabulary through participation, observation, discussion, and writing.

DANCE 342 - Kinesiology for Dancers

Course Information

Teaching Area (new)
DANCE

Course Number
342

Teaching Area
DANCE

Course Title
Kinesiology for Dancers

Course Description
Study and analysis of the neuromusculoskeletal system in practical application to dance for more efficient use of the body and reduction of injuries.

Department
Dance

When Taught
Spring Term Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)
  AND DANCE 230 - Conditioning

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 210 - Human Anatomy (with virtual lab)
  AND DANCE 230 - Conditioning

Other Prerequisites

PDBIO 220 Highly Recommended

Learning Outcomes

Title
Intellectually Enlarging

Tags
187182, 7

Learning Outcome
1. Recognize, analyze, and articulate principles of correct alignment and optimal musculoskeletal function in ways that intellectually enlarge their understanding of the dancing body

Title
Intellectually Enlarging, Character Buidling

Tags
187183, 6

Learning Outcome
2. Apply and embody movement skills informed by imagery, proprioception, and fascial theory to support healthy, efficient, and expressive dance practice

Title
Character Building and Spiritually Strengthening

Tags
187185, 0, 5

Learning Outcome
3. Evaluate greater personal postural and movement efficiency through disciplined self-observation, reflective practice, and responsible stewardship of the body

Title
Intellectually Enlarging, Character Building, Leading to Lifelong Learning and Service

Tags
187184, 0, 2

Learning Outcome
4. Differentiate variations in body structure and function and identify compassionate, adaptable strategies for working with individual differences in themselves and others

Title
Leading to Lifelong Learning and Service and Character Building

Learning Outcome
5. Integrate course principles into lifelong learning and service by using kinesiology knowledge to make wise movement choices, support personal well-being, and contribute to healthy dance practices in their communities

DANCE 343 - Principles of Somatics

Course Information

Teaching Area (new)
DANCE

Course Number
343

Teaching Area
DANCE

Course Title
Principles of Somatics

Course Description
Experiential approach to movement training including body patterning. Integration and personal expression of body and movement choices.

Department
Dance

When Taught
Winter Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DANCE 261 - Freshman Seminar in Dance

AND

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- CELL 210 - Human Anatomy (with virtual lab)
  OR CELL 220 - Human Anatomy (with lab)

Other Prerequisites
Concurrent enrollment in a 200 level (or higher) technique course highly recommended

Learning Outcomes

Title
Somatic Principles and Practices

Tags
187026, 6

Learning Outcome
Students will be able to:
1. identify and demonstrate a basic theoretical and practical understanding of selected Somatic principles and practices.

Title
Movement Awareness and Understanding

Tags
187027, 7

Learning Outcome
2. demonstrate an awareness and understanding of movement from a place of inward knowing.

Title
Teaching and Coaching Practices

Tags
187030, 10

Learning Outcome
5. integrate the concepts of the class into the practical applications of teaching, coaching and re-patterning for self or other.

Title
Personal Movement Choices

Tags
187029, 0, 9

Learning Outcome
4. articulate the joys and consequences of their own personal movement choices

Title
Physical Connectivity

Tags
187028, 0, 8

Learning Outcome
3. physically embody principles of connectivity

DANCE 345 - Accelerated Street Dance Styles

Course Information

Teaching Area (new)
DANCE

Course Number
345

Teaching Area
DANCE

Course Title
Accelerated Street Dance Styles

Course Description
Studio course facilitating accelerated skills, freestyle movement, and surveying of various street dance and hip hop traditions including breaking, poppin, lockin, and party dances. These skills will be addressed mainly through physical practice in class and includes readings, viewings, listening, and an off-campus community event to understand the cultural context of hip hop dance. Classes will perform tasks and battle in each evaluation, as well as in the final exam.\n

Department
Dance

When Taught
Fall

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
4.5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 245 - Foundational Street Dance Styles

Other Prerequisites
Instructor Approval

Learning Outcomes

Title
Embodied Spiritual Awareness

Tags
213541, 0, 1, 2023-08-29 08:31:46

Learning Outcome
You will reflect on and articulate body, mind, and spirit connections as they manifest in street dance and hip-hop practices, fostering deeper gratitude for creative expression as part of your divine identity. (Spiritually Strengthening)

Title
Technical and Cultural Foundations

Tags
213542, 0, 2, 2023-08-29 08:31:47

Learning Outcome
You will identify and embody foundational movement vocabulary from several street dance and hip-hop styles, developing both technical knowledge and contextual understanding of the artistic, cultural, and musical frameworks that shape these forms. (Intellectually Enlarging)

Title
Improvisation and Character Development

Tags
213543, 0, 3, 2023-08-29 08:31:49

Learning Outcome
You will improvise within street dance frameworks at an intermediate-advanced level, cultivating personal style, self-discipline, and confidence while respecting the cultural origins and integrity of these communities. (Character Building)

Title
Creative Adaptability and Lifelong Learning

Tags
213544, 0, 4, 2023-08-29 08:31:50

Learning Outcome
You will interpret movement vocabulary, qualities, and musicality into your own freestyle practice, cyphers, and battles strengthening creative adaptability and building skills that support ongoing growth as an artist. (Lifelong Learning)

Title
Research, Representation, and Community Engagement

Tags
213545, 0, 5, 2023-08-29 08:31:52

Learning Outcome
Students will syYou will recognize and identify significant people, places, and events that shaped street dance and hip-hop, and you will synthesize issues of culture, race, appropriation, and community through a personal research project and presentation, contributing to more informed and respectful artistic communities. (Service & Community Engagement)nthesize and evaluate implications of culture, race, appropriation, and community as it applies to street dance styles through a personal research project and presentation.

DANCE 346 - Dance and Diaspora

Course Information

Teaching Area (new)
DANCE

Course Number
346

Teaching Area
DANCE

Course Title
Dance and Diaspora

Course Description
An exploration of the impacts of globalization, migration, and information technology on dance and diaspora. The course will survey several diasporic dance forms, their roots, variations, movement qualities, and teaching methods. Social, cultural, historical, aesthetic, and functional elements will be considered as they pertain to authenticity, sustainability, and teaching/learning.

Department
Dance

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
3

Recommended
Dance 170, Dance 180, or Dance 245

Learning Outcomes

Title
Diaspora

Tags
213561, 0, 1, 2023-08-29 08:33:46

Learning Outcome
Students will analyze and evaluate the effects of globalization, migration, and information technology on dance, diaspora, and living/dynamic cultures.

Title
Dance Skills

Tags
213562, 0, 2, 2023-08-29 08:33:47

Learning Outcome
Students will embody and demonstrate emerging dance skills in at least two different dance diasporic forms such as African diaspora, Asian diaspora, or Latin diaspora.

Title
Sociocultural

Tags
213563, 0, 3, 2023-08-29 08:33:49

Learning Outcome
Students will synthesize and evaluate social, cultural, historical, aesthetic, and functional elements of various dance forms.

Title
Curriculum Design

Tags
213564, 0, 4, 2023-08-29 08:33:50

Learning Outcome
Students will demonstrate, design, and teach dance diaspora activities and lessons with cultural competency and appropriate contextualization.

Title
Self-Assessment

Tags
213565, 0, 5, 2023-08-29 08:33:51

Learning Outcome
Students will self-assess dispositions, knowledge, and skills of pertinent dance diaspora theory and practice.

DANCE 348R - Kinnect

Course Information

Teaching Area (new)
DANCE

Course Number
348R

Teaching Area
DANCE

Course Title
Kinnect

Course Description
Educational outreach dance company specifically focusing on developing teaching, creative, and performance skills.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Other Prerequisites
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval. Concurrent or previous enrollment in Dance 365. Background clearance

Learning Outcomes

Tags
186741, 4

Learning Outcome
1. Collaboratively choreograph thematic dances designed for educational lecture–demonstration performances, integrating artistic and pedagogical objectives based on the Utah Core Curriculum. (Winter)

Tags
186804, 6

Learning Outcome
2. Demonstrate advanced performance and improvisation skills through participation in diverse, real-world venues. (Winter)

Tags
186831, 5

Learning Outcome
3. Critically evaluate, revise, and adapt original presentations, lessons, and choreographic works for authentic educational and community settings, including schools, museums, and professional conferences. (Winter and Spring)

Tags
186863, 3

Learning Outcome
4. Apply creative dance pedagogy by designing and implementing developmentally appropriate instruction for children in elementary school contexts.(Spring)

Tags
186966, 1

Learning Outcome
5. Exemplify professionalism and advocacy in the field of dance education through ethical conduct, effective communication, and informed representation of the discipline.(Winter and Spring)

Tags
186986, 2

Learning Outcome
6. Exhibit leadership by fulfilling designated roles and responsibilities within the company, and in the creation, production, presentation, and teaching activities. (Winter and Spring)

DANCE 351 - Laban Movement Analysis

Course Information

Teaching Area (new)
DANCE

Course Number
351

Teaching Area
DANCE

Course Title
Laban Movement Analysis

Course Description
Tools to make sense of, and derive meaning from movement. Constituent movement components that facilitate accuracy in teaching, performance, and choreography.

Department
Dance

When Taught
Spring Term Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 261 - Freshman Seminar in Dance

Learning Outcomes

Title
Spiritually Strengthening

Tags
186786, 1

Learning Outcome
1. You will analyze and perform movement affinities and disaffinities to increase artistic choice and empathy.

Title
Intellectually Enlarging

Tags
186904, 2

Learning Outcome
2. You will identify the basic vocabulary, concepts and principles that are used in LMA. 3. You will describe a movement event systematically using the aspects of the system.

Title
Character Building

Tags
187023, 0

Learning Outcome
4. You will Demonstrate functional skill in both a personal and professional application of LMA, including appropriate notational forms and/or specialized terminologies.

Title
Lifelong Learning & Service

Learning Outcome
5. You will apply LMA principles as a foundation for continued personal discovery, collaborative practice, and service in diverse movement and learning communities.

DANCE 354 - Dance and Identity

Course Information

Teaching Area (new)
DANCE

Course Number
354

Teaching Area
DANCE

Course Title
Dance and Identity

Course Description
Exploration of studies and issues regarding dance and identity. Topics include but are not limited to gender, race, ethnicity, culture, spirituality, and dance genre specificities.

Department
Dance

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
American Heritage 100 is recommended before enrolling in this course

Learning Outcomes

Title
Spiritual Strengthening

Learning Outcome
1. Integrate and articulate your spiritual identity as Children of God throughout the course.

Title
Intellectually Enlarging

Learning Outcome
2. Identify, and present issues of your identity that influence the creation, performance, and the interpretation of dance. 3. Through curricular interaction with professional dance artists, you will integrate and participate in others' dance experiences. 4. You will analyze, research, and present one major theme of identity and its relation to the dance field.

Title
Character

Learning Outcome
5. You will produce evidence illustrating your personal centralization in your claimed culture within dance including the role of race, gender, the body, age, and religion.

Title
Life Long Service

Learning Outcome
6. Through creative works and service you will further define and generate your artistic and spiritual identity.

DANCE 355 - Dance Production, Introduction

Course Information

Teaching Area (new)
DANCE

Course Number
355

Teaching Area
DANCE

Course Title
Dance Production, Introduction

Course Description
Principles and practices of technical aspects of dance production.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Intellectually Enlarging, Character Building

Tags
186681, 3

Learning Outcome
1. Identify, describe, and apply foundational technical theatre equipment, techniques, and procedures used in dance production. (Intellectually Enlarging, Character Building)

Title
Intellectually Enlarging, Character Building

Tags
186779, 1

Learning Outcome
2. Demonstrate basic competency in the theory and practice of theatrical production principles, including lighting, sound, costuming, and digital design for dance performance. (Intellectually Enlarging, Character Building)

Title
Intellecutally Enlarging, Spiritually Strengthening

Tags
186944, 0

Learning Outcome
3. Evaluate the relationship of light, color, fabric, and technology to support an artistic vision that communicates truth, beauty, and purposeful expression in dance performance.

Title
Character Building, Lifelong Learning and Service

Learning Outcome
4. Collaborate effectively and contribute responsibly to the production process in ways that reflect stewardship, respect, and professionalism in supporting dancers, choreographers, audiences, and the broader artistic community.

Title
Lifelong Learning and Service, Intellectually Enlarging

Learning Outcome
5. Use dance production knowledge to make informed artistic and technical choices that can serve future creative work, teaching, and community engagement.

DANCE 357 - Dance - A Reflection of Culture

Course Information

Teaching Area (new)
DANCE

Course Number
357

Teaching Area
DANCE

Course Title
Dance - A Reflection of Culture

Course Description
Application of dance ethnology theory and practices to study cultures of the world and its people.

Department
Dance

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Intellectually Enlarging

Tags
210844, 0, 1

Learning Outcome
1.Identify the appearance and augmentation of subject correlated scientific dance terminology such as ethnochoreology, dance ethnology, and

Title
Lifelong Learning & Service

Tags
210845, 0, 2

Learning Outcome
2. Critically analyze culture, utilizing frameworks of understanding including the concepts of cultural identity, race, ethnicity, and heritage, etc.

Title
Character Building

Tags
210846, 0, 3

Learning Outcome
3. Build charater by conducting and presenting research through the lens of an ethnochoreologist paying close attention to cultural significance, religious and ritual function and symbolism

Title
Intellectually Enlarging

Tags
210847, 0, 4

Learning Outcome
4. Articulate ethnographic concepts of cross-cultural study, emic and etic perspectives, vival and reflective dance - applying meaning of cultural understanding to society.

Title
Spiritually Strengthening

Learning Outcome
5. Acquire empathy and spiritual understanding of other people though ethnographic practice.

DANCE 358 - Dance and Film

Course Information

Teaching Area (new)
DANCE

Course Number
358

Teaching Area
DANCE

Course Title
Dance and Film

Course Description
Studies in dance and film.

Department
Dance

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  AND DANCE 244R - Beginning Creative Processes
  AND DANCE 261 - Freshman Seminar in Dance

Learning Outcomes

Title
Understand and apply all stages of the filmmaking process

Learning Outcome
including pre-production, production, and post-production-with a focus on screendance and related genres.

Title
Identify, critically analyze and evaluate

Learning Outcome
diverse forms of dance film forms-including narrative, montage, documentary, experimental, and commerical-by examining their distinct features, creative potential, and the ways they construct meaning and influence audience perception.

Title
Demonstrate collaborative and communicative skills

Learning Outcome
essential for successful screendance film production, including teamwork, peer engagement, and effective participation in creative environments.

Title
Create original dance film work

Learning Outcome
that reflects personal voice and vision, while developing and utilizing critical, creative, and technical skills across concept development, choreography, cinematography, lighting, sound, editing, and critique.

Title
Integrate spiritual, intellectual and artistic values

Learning Outcome
into the creative and collaborative processes of dance filmmaking, fostering a commitment to lifelong learning and meaningful contribution to society.

DANCE 359R - Special Topics and Issues

Course Information

Teaching Area (new)
DANCE

Course Number
359R

Teaching Area
DANCE

Course Title
Special Topics and Issues

Course Description
Seminar in topics and issues relevant to dance.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  AND DANCE 244R - Beginning Creative Processes

Learning Outcomes

Title
Cultivating Respect and Courtesy for Different Viewpoints

Tags
187101, 1

Learning Outcome
Students will build character by cultivating a respect for differing points of view, and applying courtesy during the individual expression sessions. The course content will encourage independent thinking and individual responsibility.

Title
Analysis of Spiritual Connections

Tags
186682, 1

Learning Outcome
Students will analyze spiritual connections between gospel principles and aesthetic concepts. This includes :
• Open expression of reverence for the Creator, His Creations, and the act of creativity.
• Compatible choices in the dance profession with the Latter-day Saint standards and culture.

Title
Exploration Intellectual Reasoning in Dance

Tags
186683, 2

Learning Outcome
Students will explore intellectual reasoning in the field of dance aesthetics including:

Discovery of important aesthetic and ethical issues with clear analytical critical thinking.
Risk-taking, connecting, and synthesizing personal meaning from complex ambiguities.
Develop an aesthetic philosophy, and ability to advocate and defend it.

Title
Cultivating Respect and Courtesy for Different Viewpoints

Tags
186684, 3

Learning Outcome
Students will build character by cultivating a respect for differing points of view, and applying courtesy during the individual expression sessions. The course content will encourage independent thinking and individual responsibility.

Title
Engage in Discussion and Writing about Dance

Tags
186685, 4

Learning Outcome
Students will voice value for Lifelong Learning as they articulate a love for and engage in discussion and writing about dance. Students will be encouraged to share their passion for dance in a way that is lucid, succinct, and compelling.

Title
Articulate Value of Dance

Tags
186686, 5

Learning Outcome
Students will be challenged to articulate the value of dance in a manner that is founded on gospel principles and moral ideals, rather than on mere emotional declarations.

Title
Knowledge

Tags
187099, 1

Learning Outcome
Students will deepen their understanding of how dance and health issues are related.

Title
Knowledge

Tags
187100, 1

Learning Outcome
Students will deepen their understanding of how dance and identity are related.

DANCE 362 - Contemporary Modern Dance Choreography Intermediate

Course Information

Teaching Area (new)
DANCE

Course Number
362

Teaching Area
DANCE

Course Title
Contemporary Modern Dance Choreography Intermediate

Course Description
Intermediate choreographic studies in contemporary modern dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 244R - Beginning Creative Processes

Learning Outcomes

Title
Dance Composition Fundamentals

Tags
187076, 1

Learning Outcome
1. Students will learn technical elements, process and crafting principles of composition, such as: transitions, traditional formations, dynamic structure, stylistic coherence, form, musical dynamics and phrasing.

Title
Aesthetic Criteria and Analysis

Tags
187077, 2

Learning Outcome
2. Students will develop a critical eye in analyzing and forming own aesthetic criteria.

Title
Ethno-Choreographic Elements

Tags
187078, 3

Learning Outcome
3. Students will discover ethno-choreographic elements of a particular style or cultural group.

Title
Issues in Dance Composition

Tags
187079, 4

Learning Outcome
4. Students will address issues of authenticity versus creativity, traditional versus contemporary.

Title
Choreography Documentation

Tags
187080, 5

Learning Outcome
5. Students will learn to document choreography.

DANCE 363R - Dance Improvisation, Intermediate

Course Information

Teaching Area (new)
DANCE

Course Number
363R

Teaching Area
DANCE

Course Title
Dance Improvisation, Intermediate

Course Description
Intermediate improvisational skills focused on impromptu creative problem solving and movement exploration.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 244R - Beginning Creative Processes

Learning Outcomes

Title
Evolving Movement

Tags
186745, 5

Learning Outcome
Students will learn to evolve movement over an extended period of time without losing spontaneity.

Title
Movement and Exploration

Tags
186764, 1

Learning Outcome
Students will learn to Move! To Explore!

Title
Suspending Judgement

Tags
186812, 4

Learning Outcome
Students will learn to learn how to suspend judgment.

Title
Breaking Comfortable or Limiting Movement Patterns

Tags
186821, 1

Learning Outcome
Students will learn to break comfortable and limiting movement patterns, dancing in ways that you have not moved before.

Title
Form and Definition in Movement

Tags
186825, 8

Learning Outcome
Students will learn to evolve movement "in the moment" with a sense of form and definition (beginning, middle, end) thus "finding the dance" in the instant of exploration and improvisation.

Title
Improvisation and Muscle Readiness

Tags
186868, 3

Learning Outcome
Students will learn to develop improvisational skills of "muscle readiness".

Title
Recalling Movement

Tags
186884, 6

Learning Outcome
Students will learn to practice recalling movement.

Title
Spontaneity

Tags
186889, 2

Learning Outcome
Students will learn to "call up spontaneity at will".

Title
Improvisational Structures

Tags
186972, 7

Learning Outcome
Students will learn to practice relating to other dancers in various improvisational structures.

DANCE 364 - Contemporary Partnering

Course Information

Teaching Area (new)
DANCE

Course Number
364

Teaching Area
DANCE

Course Title
Contemporary Partnering

Course Description
Theory and technique of partnering as it relates to contemporary modern dance.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  AND DANCE 244R - Beginning Creative Processes

Recommended
Dance 362 and Dance 363

DANCE 365 - Creative Dance for Elementary Education

Course Information

Teaching Area (new)
DANCE

Course Number
365

Teaching Area
DANCE

Course Title
Creative Dance for Elementary Education

Course Description
Theory and teaching experience in creative movement for preschool and elementary school children.

Department
Dance

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Dance 243R, 244R, or approved Kinnect membership

Learning Outcomes

Title
Dance Education Theory, Content, and Pedagogy

Tags
186762, 5

Learning Outcome
1. Demonstrate an understanding of creative dance education theory, content, and pedagogy that supports artistic development and process-oriented learning.

Title
Developmentally Appropriate Dance

Tags
186792, 2

Learning Outcome
2. Design and implement developmentally appropriate dance instruction for children in preschool through eighth grade, using research-based practices and national/state standards.

Title
Lesson Objectives and Curriculum Standards

Tags
186839, 1

Learning Outcome
3. Communicate and apply knowledge of dance elements, concepts, and vocabulary through physical practice, discussion, and written work in the context of teaching.

Title
Teaching Strategies and Management Techniques

Tags
186844, 0

Learning Outcome
4. Use a variety of instructional strategies, classroom management techniques, and assessment methods to support student learning, creativity, and skill development in dance.

Title
Spiritually Strengthening

Tags
186915, 4

Learning Outcome
5. Develop and demonstrate pedagogical practices grounded in Christlike attributes by cultivating a learning environment characterized by love and respect for all students.

DANCE 366 - Methods of Teaching Contemporary Modern Dance

Course Information

Teaching Area (new)
DANCE

Course Number
366

Teaching Area
DANCE

Course Title
Methods of Teaching Contemporary Modern Dance

Course Description
Teaching methodologies of contemporary modern dance including planning, teaching, and evaluating lessons for adolescents through adults.

Department
Dance

When Taught
Spring Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 261 - Freshman Seminar in Dance
  AND DANCE 264 - Music for Dancers

Learning Outcomes

Title
Process-Oriented Instruction

Tags
186800, 8

Learning Outcome
5. facilitate artistic development through process-oriented instruction.

Title
Learning Content and Processes

Tags
186837, 2

Learning Outcome
2. demonstrate a conceptual understanding of the content and processes needed to facilitate learning in the field of Contemporary Dance.

Title
Planning, Teaching, and Evaluation Experience

Tags
186892, 4

Learning Outcome
3. demonstrate teaching competency through experiences in planning, teaching and evaluating lessons.

Title
Teaching and Learning Philosophy in Contemporary Dance

Tags
187018, 1

Learning Outcome
1. develop, articulate and demonstrate a clear philosophy of teaching and learning as it relates to Contemporary Dance.

Title
Teaching Strategies

Tags
187031, 6

Learning Outcome
4. demonstrate an ability to use a variety of teaching strategies to produce new knowledge and skills in others.

DANCE 367 - Methods of Teaching Children's Creative Dance

Course Information

Teaching Area (new)
DANCE

Course Number
367

Teaching Area
DANCE

Course Title
Methods of Teaching Children's Creative Dance

Course Description
Methodologies of teaching children's creative dance with emphasis on the private dance studio setting.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 243R - Studio Workshop in Contemporary Modern Dance Technique and Theory
  AND DANCE 244R - Beginning Creative Processes

Note
Lab experience required in the BYU Children's Dance Program.

Learning Outcomes

Title
Problem Solving and the Creative Process

Tags
186866, 2

Learning Outcome
3. Demonstrate an understanding of the methods of encouraging creative problem solving skills and the creative process.

Title
Developmentally Appropriate Dance Skills

Tags
186871, 1

Learning Outcome
2. Learn to teach developmentally appropriate technical dance skills to children.

Title
Teaching Experience

Tags
186880, 4

Learning Outcome
5. Gain practical experience through teaching children.

Title
Creative Dance for Children

Tags
186994, 0

Learning Outcome
Students will:1. Gain an increased understanding of the importance of Creative Dance for children.

Title
Teaching Children Dance Elements

Tags
187000, 3

Learning Outcome
4. Demonstrate knowledge, mastery and application of the elements of dance (time, space, and force) in relation to the teaching of children.

DANCE 368R - DancEnsemble - Contemporary Dance Performance and Choreography

Course Information

Teaching Area (new)
DANCE

Course Number
368R

Teaching Area
DANCE

Course Title
DancEnsemble - Contemporary Dance Performance and Choreography

Course Description
Experiences in contemporary dance choreography and performance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval

Learning Outcomes

Title
Technical Skill

Tags
186747, 1

Learning Outcome
2. Demonstrate increasing technical skill, focusing specifically of the refinement of nuance, projection, dynamics and the ability to dance within the context of an ensemble.

Title
Dance Creation and Evaluation

Tags
186788, 2

Learning Outcome
3. Create and evaluate dances, giving increased attention to the ability to see and respond to the possibilities within any given choreographic situation.

Title
Personal Voice

Tags
186908, 3

Learning Outcome
4. Investigate and refine their own individual choreographic and performance voice.

Title
Performance Skill

Tags
186945, 0

Learning Outcome
1. Demonstrate increasing performance skill, including skills of concentration, discipline, focus and stage presence.

DANCE 370 - Cultural Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
370

Teaching Area
DANCE

Course Title
Cultural Dance Technique 2

Course Description
Advanced level techniques from selected world cultures.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 270 - Cultural Dance Technique 1

Recommended
DANCE 170

Learning Outcomes

Title
Technical Skills

Learning Outcome
1. demonstrate complex rhythmic footwork, proper technique, body alignment, breath, foot and hand articulations, partnering techniques and styling for selected advanced cultural dances

Title
Cultural Fluency

Learning Outcome
2. cultivate fluency in cultural dance vocabulary

Title
Cultural Context

Learning Outcome
3. analyze selected dances and their role within a cultural context

Title
Cultural Appreciation

Learning Outcome
4. exhibit empathetic understanding of world cultures through a spiritual, practical, and intellectual lens

Title
Community Engagement

Learning Outcome
5. model and embody honor, respect, and appreciation for all people as they engage with diverse perspectives and interactions in lifelong learning and service opportunities.

DANCE 371R - Clog Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
371R

Teaching Area
DANCE

Course Title
Clog Dance Technique 2

Course Description
Fundamentals of advanced Clogging and PowerTap techniques.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 271 or equivalent.

Learning Outcomes

Title
Technical Skills and Artistry

Tags
210771, 0, 2

Learning Outcome
1. Perform advanced-level clogging dance techniques including arm movements, footwork, alignment and weight shifts, expressing personalized style and energy

Title
Terminology

Tags
210772, 0, 3

Learning Outcome
2. Demonstrate fluency in intermediate clogging vocabulary, terminology, and notation

Title
Cultural Analysis and Appreciation

Tags
210848, 0, 4

Learning Outcome
3. Analyze clogging's diverse cultural history to develop Christlike empathy, evaluate its varied influences, and appreciate the contributions that shaped its modern style and steps.

Title
Christlike Character

Learning Outcome
4. Apply character-building traits such as cooperation and accountability while working through partner interactions, creating choreographies, and giving thoughtful partner-assisted corrections

DANCE 373R - Hungarian Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
373R

Teaching Area
DANCE

Course Title
Hungarian Dance Technique 2

Course Description
Advanced Hungarian dance techniques and skills from throughout the Carpathian Basin.

Department
Dance

When Taught
Fall Even Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 273 or equivalent.

Learning Outcomes

Title
Stylistic Proficiency

Tags
210774, 0, 2

Learning Outcome
1. demonstrate proficiency in several Hungarian and Transylvanian couple, solo, and group dance dialects and theoretical information

Title
Technical Skill and Artistry

Tags
210775, 0, 3

Learning Outcome
2. perform accurate movement patterns, step combinations, partnering skills, and rhythms

Title
Movement Vocabulary

Tags
210776, 0, 4

Learning Outcome
3. execute improvisational skills in selected traditional couple and solo dances

Title
Cultural Understanding

Tags
210773, 0, 1

Learning Outcome
4. identify cultural knowledge of Hungarian dance music, dance vocabulary, traditional dress, and historical context

Title
Cultural Appreciation

Learning Outcome
5. Exhibit respect and empathy for the cultural traditions of the Hungarian people, while applying the benefits of immersive movement to spiritual well-being and life-long learning

DANCE 374R - Irish Dance Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
374R

Teaching Area
DANCE

Course Title
Irish Dance Technique 2

Course Description
Advanced Irish dance techniques and skills of selected set, ceili, and solo dances.

Department
Dance

When Taught
Fall and Winter Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 274R or equivalent.

Learning Outcomes

Tags
186855, 0, 0

Learning Outcome
1. demonstrate advanced level Irish solo and figure dance skills with accurate technical and stylistic execution

Tags
186913, 0, 1

Learning Outcome
2. perform accurate sequential movement patterns, step combinations, and rhythms

Tags
186867, 0, 3

Learning Outcome
3. apply stylistically correct alignment, placement and weight shifting

Tags
186852, 0, 5

Learning Outcome
4. articulate understanding of cultural context within Irish dance, music, traditional dress, and history

Learning Outcome
5. integrate spiritual and cultural understanding to support continued growth, lifelong learning, and meaningful engagement beyond the classroom.

DANCE 376 - Methods of Teaching Cultural Dance

Course Information

Teaching Area (new)
DANCE

Course Number
376

Teaching Area
DANCE

Course Title
Methods of Teaching Cultural Dance

Course Description
Theoretical and practical methodologies of teaching rhythmic dance.

Department
Dance

When Taught
Fall.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
Dance 170 and 172

Learning Outcomes

Title
Theoretical Understanding

Learning Outcome
1. Apply theoretical and practical methodologies for teaching rhythmic dance to diverse populations

Title
Practical Skills

Learning Outcome
2. Demonstrate effective teaching competencies across instructional and community service settings, fostering intellectual growth and character development through responsibility and collaboration.

Title
Reflective Practice

Learning Outcome
3. Evaluate, provide, and incorporate constructive feedback to refine teaching practices, demonstrating humility, responsiveness, and respectful engagement with others.

Title
Lesson Planning

Learning Outcome
4. Design effective and coherent lesson plans aligned with instructional goals, encouraging intellectual rigor, character development through preparation and intentionality, and service-oriented teaching practices.

Title
Personal Philosophy

Learning Outcome
5. Articulate a personal philosophy of teaching that reflects spiritual awareness, Christlike character, intellectual engagement, and a commitment to lifelong learning and service.

DANCE 377R - Cultural Dance Choreography

Course Information

Teaching Area (new)
DANCE

Course Number
377R

Teaching Area
DANCE

Course Title
Cultural Dance Choreography

Course Description
Exploration of fundamental choreographic principles of structure, space, time, and energy within the genre of staged cultural dance.

Department
Dance

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Each student will:

Learning Outcome
1. acquire and apply crafting principles of composition, such as: form, dynamic structure, spatial formations, stylistic coherence, transitions, musical dynamics, and phrasing.

Title
Each student will:

Learning Outcome
2. analyze, evaluate, and form aesthetic criteria through constructive feedback and practice of choreography.

Title
Each student will:

Learning Outcome
3. articulate a personal philosophy of choreography that reflects spiritual awareness, intellectual engagement, and a commitment to lifelong learning and service.

Title
Each student will:

Learning Outcome
4. communicate issues of authenticity versus creativity, traditional versus contemporary.

Title
Each student will:

Learning Outcome
5. apply integrity in choreography and music rights .

DANCE 380R - Social Dance, Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
380R

Teaching Area
DANCE

Course Title
Social Dance, Technique 2

Course Description
Gold level: Waltz, Foxtrot, Swing, Cha-Cha, West Coast Swing, Viennese Waltz, Mambo.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 280 or equivalent

Learning Outcomes

Title
Technique

Tags
186929, 1

Learning Outcome
2. Students will demonstrate the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

Title
Participation in Labs and Exams

Tags
187020, 2

Learning Outcome
3. Students will demonstrate their ability to lead and follow through their participation at labs and through exams.

Title
School Figures

Tags
187033, 1

Learning Outcome
1. Students will demonstrate the school figures associated with each dance by practice and application.

DANCE 382R - Ballroom Dance, International Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
382R

Teaching Area
DANCE

Course Title
Ballroom Dance, International Technique 2

Course Description
Gold 1 level. Waltz, tango, fox-trot, quickstep.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 284 or equivalent; instructor's consent.

Note
Audition required

Learning Outcomes

Title
Demonstrate gold level ballroom school figures

Tags
187118, 1

Learning Outcome
1. Students will be able to effectively demonstrate gold level school figures of International Style Waltz, Tango, Foxtrot and Quickstep.

Title
Demonstrate advanced level ballroom technique

Tags
187119, 2

Learning Outcome
2. Students will be able to effectively demonstrate advanced level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate gold level ballroom school figures

Tags
186851, 0

Learning Outcome
1. Students will be able to effectively demonstrate gold level school figures of International Style Waltz, Tango, Foxtrot and Quickstep.

Title
Demonstrate advanced level ballroom technique

Tags
186907, 1

Learning Outcome
2. Students will be able to effectively demonstrate advanced level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 383R - Latin Dance, International Technique 2

Course Information

Teaching Area (new)
DANCE

Course Number
383R

Teaching Area
DANCE

Course Title
Latin Dance, International Technique 2

Course Description
Gold 1 level. Cha-cha, samba, rumba, paso doble.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 285 or equivalent; instructor's consent.

Note
Audition required

Learning Outcomes

Title
Demonstrate gold level latin school figures

Tags
187120, 1

Learning Outcome
Students will be able to effectively demonstrate gold level school figures of International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate advanced level latin technique

Tags
187121, 2

Learning Outcome
Students will be able to effectively demonstrate advanced level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate gold level latin school figures

Tags
186790, 1

Learning Outcome
Students will be able to effectively demonstrate gold level school figures of International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate advanced level latin technique

Tags
186885, 2

Learning Outcome
Students will be able to effectively demonstrate advanced level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 384R - Ballroom Dance, International Technique 3

Course Information

Teaching Area (new)
DANCE

Course Number
384R

Teaching Area
DANCE

Course Title
Ballroom Dance, International Technique 3

Course Description
Gold 2 level. Waltz, fox-trot, tango, quickstep.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 382R or equivalent; instructor's consent.

Learning Outcomes

Title
Demonstrate competency in competitive ballroom figures

Tags
187122, 1

Learning Outcome
1. Students will be able to demonstrate, competitive figures at a pre-championship level in the International Style Waltz, Tango, Foxtrot and Quickstep.

Title
Demonstrate pre championship level ballroom technique

Tags
187123, 2

Learning Outcome
2. Students will be able to demonstrate pre-championship level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate competency in competitive ballroom figures

Tags
186797, 0

Learning Outcome
1. Students will be able to demonstrate, competitive figures at a pre-championship level in the International Style Waltz, Tango, Foxtrot and Quickstep.

Title
Demonstrate pre championship level ballroom technique

Tags
186876, 1

Learning Outcome
2. Students will be able to demonstrate pre-championship level ballroom technique in the following areas: 1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 385R - Latin Dance, International Technique 3

Course Information

Teaching Area (new)
DANCE

Course Number
385R

Teaching Area
DANCE

Course Title
Latin Dance, International Technique 3

Course Description
Gold 2 level. Cha-cha, rumba, samba, jive, paso doble.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 383R or equivalent ; instructor's consent.

Learning Outcomes

Title
Demonstrate competency in competitive latin figures

Tags
187124, 1

Learning Outcome
1. Students will be able to demonstrate, competitive figures at a pre-championship level in International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate pre championship level latin technique

Tags
187125, 2

Learning Outcome
2. Students will be able to demonstrate pre-championship level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate competency in competitive latin figures

Tags
186770, 1

Learning Outcome
1. Students will be able to demonstrate, competitive figures at a pre-championship level in International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate pre championship level latin technique

Tags
186879, 2

Learning Outcome
2. Students will be able to demonstrate pre-championship level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 386 - Methods of Teaching Social Dance

Course Information

Teaching Area (new)
DANCE

Course Number
386

Teaching Area
DANCE

Course Title
Methods of Teaching Social Dance

Course Description
Pedagogy training in social dance at the bronze and silver skill levels.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 280 - Social Dance, Technique 1

Learning Outcomes

Title
Characteristics of Great Teachers

Tags
186796, 1

Learning Outcome
1. Students will analyze the most important characteristics of great teachers through discussion.

Title
Dance Participation and Practice

Tags
186824, 1

Learning Outcome
2. Students will demonstrate basic skills of ballroom dance by participation and practice including both the mans and ladies parts.

Title
Group Teaching Skills and Experience

Tags
186963, 2

Learning Outcome
3. Students will demonstrate the basic skills of teaching dance to groups by developing lesson plans and through practical experience.

DANCE 387R - Ballroom Dance Choreography

Course Information

Teaching Area (new)
DANCE

Course Number
387R

Teaching Area
DANCE

Course Title
Ballroom Dance Choreography

Course Description
Choreography in Ballroom Dance emphasizing ensemble and partnership dancing.

Department
Dance

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Learning Outcomes

Title
Basic Skills of Ballroom Ensemble and Partnership Choreography

Tags
186756, 0, 1

Learning Outcome
2. Students will demonstrate basic skills of composing ballroom ensemble and partnership choreography.

Title
Foundation Elements of Ballroom Ensemble and Parternship Choreography

Tags
187034, 0, 0

Learning Outcome
1. Students will find coherence in foundational elements of ensemble and partnership choreography.

DANCE 388R - Ballroom Dance Performance, Intermediate.

Course Information

Teaching Area (new)
DANCE

Course Number
388R

Teaching Area
DANCE

Course Title
Ballroom Dance Performance, Intermediate.

Course Description
Performance techniques and experience in ballroom dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Audition

Fee
Fees already exist in this course for costume usage/cleaning

Note
Audition required

Learning Outcomes

Title
Ballroom Dance Skills

Tags
186920, 1

Learning Outcome
1. Students will demonstrate dance skills through technique, stylization, and choreography.

Title
Representing BYU and the Church

Tags
187173, 2

Learning Outcome
2. Students will find coherence in what it means to represent Brigham Young University and the Church of Jesus Christ of Latter-day Saints in local areas.

DANCE 390R - Ballet Technique 3

Course Information

Teaching Area (new)
DANCE

Course Number
390R

Teaching Area
DANCE

Course Title
Ballet Technique 3

Course Description
Intermediate to advanced ballet technique.

Department
Dance

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1.5

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Other Prerequisites
Audition

Learning Outcomes

Title
Writing Objectives

Tags
187179, 0, 2

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Tags
186850, 0, 4

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

Title
Technique Objective

Tags
186754, 0, 1

Learning Outcome

Each student will:
1. Apply and execute principles of intermediate ballet technique.

DANCE 391R - Ballet Technique 4

Course Information

Teaching Area (new)
DANCE

Course Number
391R

Teaching Area
DANCE

Course Title
Ballet Technique 4

Course Description
Advanced ballet technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
7.5

Other Prerequisites
Audition

Learning Outcomes

Title
Writing Objectives

Tags
186687, 0, 2

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Tags
186688, 0, 3

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

Title
Technique Objective

Tags
187035, 0, 0

Learning Outcome

Each student will:
1. Execute advancing skill in ballet technique and pointe work.

DANCE 392R - Ballet Pointe 1

Course Information

Teaching Area (new)
DANCE

Course Number
392R

Teaching Area
DANCE

Course Title
Ballet Pointe 1

Course Description
Beginning level pointe technique.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Concurrent enrollment in D293R or above.

Note
Although this is an open enrollment course, all students must receive teacher approval or level placement audition before registering.

Learning Outcomes

Title
Ballet Pointe - 1

Tags
187090, 1

Learning Outcome
1. Acquire a degree of mastery and control in Beginning pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary listed in the appendix. Please consult the appendix for the specific criteria and standards. Increase artistry, endurance, control and strength.

Title
Writing Objective

Tags
186878, 1

Learning Outcome
Each student will:Apply a working knowledge of French ballet terminology, analytical skills, and sound writing skills by submitting a weekly journal entry or written self-evaluation, and a written critique of a live performance.

Title
Technique Objective

Tags
186982, 0

Learning Outcome
Each student will:1. Acquire a degree of mastery intermediate ballet pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary detailed in the appendix. Please consult the appendix for the specific criteria and standards.

Title
Participation Objective

Tags
186987, 2

Learning Outcome
Each student will: Participate fully in the pointe technique class by dancing each class period and pass the required technique exam at the end of the semester/term, being graded on the movement vocabulary detailed in the appendix.

DANCE 393R - Ballet Pointe 2

Course Information

Teaching Area (new)
DANCE

Course Number
393R

Teaching Area
DANCE

Course Title
Ballet Pointe 2

Course Description
Intermediate level pointe technique

Department
Dance

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Concurrent enrollment in Dance 390R or 391R

Note
Although this is an open enrollment course, all students must receive teacher approval or level placement audition before registering.

Learning Outcomes

Title
Participation Objective

Tags
186689, 4

Learning Outcome
Each student will:

Participate fully in the pointe technique class by dancing each class period and pass the required technique exam at the end of the semester/term, being graded on the movement vocabulary detailed in the appendix.

Title
Writing Objective

Tags
186782, 2

Learning Outcome
Each student will:1. Apply a working knowledge of French ballet terminology, analytical skills, and sound writing skills by submitting a weekly journal entry or written self-evaluation, and a written critique of a live performance.

Title
Technique Objective

Tags
186864, 1

Learning Outcome
Each student will:1. Acquire a degree of mastery in intermediate ballet pointe technique. These skills will be accomplished through active class participation and the practice of the movement vocabulary detailed in the appendix. Please consult the appendix for the specific criteria and standards;

DANCE 396 - Methods of Teaching Ballet.

Course Information

Teaching Area (new)
DANCE

Course Number
396

Teaching Area
DANCE

Course Title
Methods of Teaching Ballet.

Course Description
Teaching classical ballet from preballet through advanced; includes analysis of Bournonville, Cecchetti, Vaganova, RAD, Kneeland, and SAB methods.

Department
Dance

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Dance 390R or equivalent

Recommended
DANCE 264; DANCE 264

Learning Outcomes

Title
Music in Teaching

Tags
186829, 7

Learning Outcome
3. Students will apply sound musical principles in practical teaching experiences.

Title
Ballet Class Observation and Analysis

Tags
186840, 3

Learning Outcome
2. Students will experience practical observation of ballet classes/labs and analyze teachers at work.

Title
Ballet Curriculum

Tags
186865, 0

Learning Outcome
1. Students will demonstrate a knowledge of ballet class structure and progression between levels bywriting an 8-year ballet curriculum.

Title
French Ballet Terminology

Tags
186875, 11

Learning Outcome
5. Students will demonstrate a working knowledge (both written and verbal) of ballet French terminology for the technique appropriate for each level of ballet instruction.

Title
Methodology Analysis

Tags
186991, 8

Learning Outcome
4. Students will philosophically and historically analyze each of the major ballet methodologies: Cecchetti, Royal Academy of Dancing, Vaganova, etc.

DANCE 397R - Ballet Choreography

Course Information

Teaching Area (new)
DANCE

Course Number
397R

Teaching Area
DANCE

Course Title
Ballet Choreography

Course Description
Fundamental choreographic structure emphasizing visual, kinesthetic, and musical aspects in ballet. Exploration of the choreographic process through theoretical study and analysis as well as practical application in the presentation of choreographic work. Concepts include clarity, creativity, transition, musical accent and phrasing, dynamic structure, form, stylistic coherence, artistic merit.

Department
Dance

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DANCE 390R - Ballet Technique 3

OR

Prerequisites

Complete ALL of the following Courses:

- DANCE 391R - Ballet Technique 4

OR

Prerequisites

Complete ALL of the following Courses:

- DANCE 490R - Ballet Technique 5

DANCE 398R - Theatre Ballet Studio Company

Course Information

Teaching Area (new)
DANCE

Course Number
398R

Teaching Area
DANCE

Course Title
Theatre Ballet Studio Company

Course Description
Performance technique and experience with Theatre Ballet Studio Company.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
10

Other Prerequisites
Audition and concurrent enrollment in 391R, and 234 Pilates.

DANCE 399R - Academic Internship: Dance BFA

Course Information

Teaching Area (new)
DANCE

Course Number
399R

Teaching Area
DANCE

Course Title
Academic Internship: Dance BFA

Course Description
Off-campus dance internship for Dance BFA students.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
1. Apply and Integrate Dance Knowledge in Professional Contexts

Learning Outcome
Students will apply technical, creative, and/or theoretical dance training in a professional setting and synthesize academic learning with real-world practice (Intellectually Enlarging).

Title
2. Demonstrate Professionalism and Character in Practice

Learning Outcome
Students will exhibit reliability, collaboration, ethical behavior, and respect in professional environments, demonstrating integrity, accountability, and positive interpersonal engagement (Character Building; Spiritually Strengthening).

Title
3. Reflect Critically on Growth and Purpose

Learning Outcome
Students will evaluate their artistic, professional, and personal development through structured reflection, including consideration of how their work contributes to purpose, values, and the well-being of others (Spiritually Strengthening; Lifelong Learning).

Title
4. Develop Career Direction and Lifelong Learning Skills

Learning Outcome
Students will articulate career goals and demonstrate initiative, adaptability, and self-directed learning that support ongoing growth and contribution in the field of dance and related communities (Lifelong Learning and Service).

DANCE 399R - Academic Internship: General Dance

Course Information

Teaching Area (new)
DANCE

Course Number
399R

Teaching Area
DANCE

Course Title
Academic Internship: General Dance

Course Description
Academic Internship in dance. Application and faculty pre-approval required.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
1. Apply and Integrate Dance Knowledge in Professional Contexts

Learning Outcome
Students will apply technical, creative, and/or theoretical dance training in a professional setting and synthesize academic learning with real-world practice (Intellectually Enlarging).

Title
2. Demonstrate Professionalism and Character in Practice

Learning Outcome
Students will exhibit reliability, collaboration, ethical behavior, and respect in professional environments, demonstrating integrity, accountability, and positive interpersonal engagement (Character Building; Spiritually Strengthening).

Title
3. Reflect Critically on Growth and Purpose

Learning Outcome
Students will evaluate their artistic, professional, and personal development through structured reflection, including consideration of how their work contributes to purpose, values, and the well-being of others (Spiritually Strengthening; Lifelong Learning).

Title
4. Develop Career Direction and Lifelong Learning Skills

Learning Outcome
Students will articulate career goals and demonstrate initiative, adaptability, and self-directed learning that support ongoing growth and contribution in the field of dance and related communities (Lifelong Learning and Service).

DANCE 399R - Academic Internship: Ballroom Dance

Course Information

Teaching Area (new)
DANCE

Course Number
399R

Teaching Area
DANCE

Course Title
Academic Internship: Ballroom Dance

Course Description
Internship in Ballroom Dance.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Apply and Integrate Dance Knowledge in Professional Contexts

Learning Outcome
Students will apply technical, creative, and/or theoretical dance training in a professional setting and synthesize academic learning with real-world practice (Intellectually Enlarging).

Title
Demonstrate Professionalism and Character in Practice

Learning Outcome
Students will exhibit reliability, collaboration, ethical behavior, and respect in professional environments, demonstrating integrity, accountability, and positive interpersonal engagement (Character Building; Spiritually Strengthening).

Title
Reflect Critically on Growth and Purpose

Learning Outcome
Students will evaluate their artistic, professional, and personal development through structured reflection, including consideration of how their work contributes to purpose, values, and the well-being of others (Spiritually Strengthening; Lifelong Learning).

Title
Develop Career Direction and Lifelong Learning Skills

Learning Outcome
Students will articulate career goals and demonstrate initiative, adaptability, and self-directed learning that support ongoing growth and contribution in the field of dance and related communities (Lifelong Learning and Service).

DANCE 399R - Academic Internship: Dance Education

Course Information

Teaching Area (new)
DANCE

Course Number
399R

Teaching Area
DANCE

Course Title
Academic Internship: Dance Education

Course Description
Public school K-6 internship for Dance Education majors, including Arts Bridge or other pre-approved placement.

Department
Dance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
1. Apply and Integrate Dance Knowledge in Professional Contexts

Learning Outcome
Students will apply technical, creative, and/or theoretical dance training in a professional setting and synthesize academic learning with real-world practice (Intellectually Enlarging).

Title
2. Demonstrate Professionalism and Character in Practice

Learning Outcome
Students will exhibit reliability, collaboration, ethical behavior, and respect in professional environments, demonstrating integrity, accountability, and positive interpersonal engagement (Character Building; Spiritually Strengthening).

Title
3. Reflect Critically on Growth and Purpose

Learning Outcome
Students will evaluate their artistic, professional, and personal development through structured reflection, including consideration of how their work contributes to purpose, values, and the well-being of others (Spiritually Strengthening; Lifelong Learning).

Title
4. Develop Career Direction and Lifelong Learning Skills

Learning Outcome
Students will articulate career goals and demonstrate initiative, adaptability, and self-directed learning that support ongoing growth and contribution in the field of dance and related communities (Lifelong Learning and Service).

DANCE 400R - Workshop in Ballet

Course Information

Teaching Area (new)
DANCE

Course Number
400R

Teaching Area
DANCE

Course Title
Workshop in Ballet

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Gospel Perspectives

Learning Outcome
—synthesize gospel perspectives into the creative, performative, and collaborative processes of dance.

Title
Professional Context

Learning Outcome
—articulate how dance experiences cultivate empathy, courage, and ethical artistry in a professional context.

Title
Technique and Theory

Learning Outcome
—integrate ballet technique and theory through immersive experiences, strengthening artistic literacy and expressive capability.

DANCE 400R - Studies in Dance

Course Information

Teaching Area (new)
DANCE

Course Number
400R

Teaching Area
DANCE

Course Title
Studies in Dance

Course Description
Experience in dance. Possibilities include but are not limited to study abroad, workshops, or pilot dance courses.

Department
Dance

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Practice

Tags
187062, 1

Learning Outcome
--Demonstrate an integrated approach to dance as a spiritual, intellectual, and personal practice.

Title
Creative Expression

Learning Outcome
--Articulate the body’s divine nature through creative expression

Title
Critical Analysis

Learning Outcome
--Apply critical analysis to artistic and embodied learning

Title
Professionalism

Learning Outcome
--Exhibit discipline and self-awareness in performance and collaboration

Title
Lifelong Learning

Learning Outcome
--Engage in dance as a means of lifelong learning and service

DANCE 426 - Music Dance Theatre: Senior Performance Project

Course Information

Teaching Area (new)
DANCE

Course Number
426

Teaching Area
DANCE

Course Title
Music Dance Theatre: Senior Performance Project

Course Description
Participation in an MDT performance group culminating in a showcase for agents and directors in New York City during April.

Department
Dance

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 328 - Script, Movement and Score Analysis

Other Prerequisites
BFA Acting or MDT status and instructor's consent; concurrent enrollment in MUSIC 426 and TMA 426. By audition only. Must have applied for graduation.

Learning Outcomes

Title
Master Classes

Tags
187669, 4

Learning Outcome
Students will experience Master Classes from working Broadway professionals.

Title
Networking

Tags
187744, 6

Learning Outcome
Students will establish professional contacts that will aid them in making the transition from the adademic to the professional world of theatre.

Title
Marketability

Tags
187810, 5

Learning Outcome
Students will recognize their types and marketability within the entertainment industry.

Title
Professional Feedback

Tags
187887, 1

Learning Outcome
Students will audition for and receive feedback from industry professionals in two markets.

Title
Audition/ Showcase

Tags
187903, 1

Learning Outcome
Students will experience an audition/showcase situation in two entertainment markets.

Title
Personal CV/Bio

Tags
187938, 3

Learning Outcome
Students will have professioanlly produced personal promotional material on hand.

Title
Preparation

Tags
187961, 2

Learning Outcome
Students will have several performance ready audition selections prepared.

DANCE 429R - Dance Performance 2

Course Information

Teaching Area (new)
DANCE

Course Number
429R

Teaching Area
DANCE

Course Title
Dance Performance 2

Course Description
Participation as dancers in concert dance production.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Performance

Tags
186694, 1

Learning Outcome
The learning outcomes of this course will be correlated somewhat with the learning outcomes of one of the regular dance performance groups. However, due to the individualized nature of this course, individual outcomes will be designed by the instructor based upon the needs and opportunities of the student.

DANCE 438R - International Folk Dance Ensemble

Course Information

Teaching Area (new)
DANCE

Course Number
438R

Teaching Area
DANCE

Course Title
International Folk Dance Ensemble

Course Description
Performance technique and experience in specialized disciplines of staged cultural styles with International Folk Dance Ensemble.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Other Prerequisites
Audition

Fee
$150

Learning Outcomes

Title
Technical Skill

Tags
212823, 0, 2

Learning Outcome
Students will 1. able to perform traditional dance technique and stylization of selected cultures with excellence

Title
Performance Skills

Tags
212812, 0, 1

Learning Outcome
2. Students will be able to exhibit performance skills including posture, presentation, and characterization

Title
Choreographic Context

Tags
212824, 0, 3

Learning Outcome
3. Students will be able to identify the practice of and relationship between recreational and staged forms of cultural dance

Title
Professionalism

Tags
212825, 0, 4

Learning Outcome
4. Students will demonstrate strong citizenship and character as a member of a performance ensemble and as student ambassadors of BYU and the Church of Jesus Christ of Latter-Day Saints

Title
Cultural Appreciation

Learning Outcome
Students will be able to analyze cultural nuances and identify spiritual application through an expanded world view

DANCE 440R - Contemporary Modern Dance Technique and Theory 5

Course Information

Teaching Area (new)
DANCE

Course Number
440R

Teaching Area
DANCE

Course Title
Contemporary Modern Dance Technique and Theory 5

Course Description
Advanced technique and theory in contemporary modern dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2.5

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
7.5

Other Prerequisites
Dance 341R or equivalent; by audition.

Learning Outcomes

Title
Advanced Technique

Tags
187126, 1

Learning Outcome
Students will demonstrate advanced technique proficiency in strength. flexibility. connectivity. complex sequence mastery movement problems

Title
Performance Awareness and Control

Tags
187127, 2

Learning Outcome
Students will demonstrate performance awareness and control over movement in nuance, dynamic, musicality, freedom from tension, shaping, initiation, breath quality, phrasing and composition

Title
Skill and Performance Assessment and Writing

Tags
187128, 3

Learning Outcome
3. Students will describe, assess and write about achievement of technical skills and performing skills

Title
Gospel Principles and the Human Body

Tags
187129, 4

Learning Outcome
4. Students will articulate appreciation for the divine nature of the human body as it relates to gospel principles as well as the relationship between mind/body/spirit.

Title
Dance Appreciation

Tags
187130, 5

Learning Outcome
5. Students will articulate appreciation for dance as an art form

DANCE 459 - Seminar in Dance

Course Information

Teaching Area (new)
DANCE

Course Number
459

Teaching Area
DANCE

Course Title
Seminar in Dance

Course Description
Seminar in Dance prepares students for a career in the field of dance. Students are instructed by invited professionals in the field and the faculty instructor. Students are required to reflect on their personal plan for a dance career built upon principles of the gospel.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 261 - Freshman Seminar in Dance
- DANCE 317 - Advanced Writing for Dance

Learning Outcomes

Title
Spiritually Strengthening

Tags
186778, 5

Learning Outcome
Students will integrate their spiritual beliefs with their professional development as a dance professional articulating how gospel-centered values inform their artistic vision, ethics, and career decisions.

Title
Intellectually Enlarging

Tags
186795, 4

Learning Outcome
Students will analyze, refine, and apply professional skills such as communication, networking, digital presence, and career planning.

Title
Character Building

Tags
186809, 1

Learning Outcome
Students will present a professional identity grounded in integrity, humility, and ethics by creating professional materials that reflect gospel-centered values and ethical engagement within the dance community.

Title
Lifelong Learning & Service

Tags
186842, 3

Learning Outcome
Students will discern and evaluate future educational and career opportunities in dance and related fields, identifying transferable skills and envisioning how their continued growth and professional practice can serve and uplift others.

DANCE 460 - Dance History and Theory

Course Information

Teaching Area (new)
DANCE

Course Number
460

Teaching Area
DANCE

Course Title
Dance History and Theory

Course Description
Survey of dance history with a focus on critical and conceptual engagement with the cyclical trends of dance throughout history.

Department
Dance

When Taught
Fall, Spring Even Years, Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 261 - Freshman Seminar in Dance
  AND DANCE 317 - Advanced Writing for Dance

Learning Outcomes

Title
Spiritually Strengthening

Learning Outcome
Articulate spiritual and cultural connections within dance history, recognizing how artistic legacies, faith traditions, and embodied practices reveal divine purpose and human creativity.

Title
Intellectually Enlarging

Learning Outcome
Demonstrate historical knowledge and critical understanding of significant people, works, and movements in dance, analyzing how culture, politics, and belief systems shape artistic expression.

Title
Character Building

Learning Outcome
Apply ethical and analytical reasoning to historical and contemporary issues in dance, engaging with diverse perspectives through humility, integrity, and informed dialogue.

Title
Character Building & Intellectually Enlarging

Learning Outcome
Synthesize historical insight into personal artistry, giving appropriate credit to predecessors and integrating contextual understanding into choreography, performance, and teaching.

Title
Lifelong Learning and Service

Learning Outcome
Integrate historical understadning into persoanl and professional practice by developing a sustained interest in historical inquiry and a desire to apply that perspective in future creative, academic, or community endeavors.

DANCE 461 - Dance History 2

Course Information

Teaching Area (new)
DANCE

Course Number
461

Teaching Area
DANCE

Course Title
Dance History 2

Course Description
Survey of the development of dance in recent history, including significant social, political, economic, and aesthetic trends influencing dance-making.

Department
Dance

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 244R - Beginning Creative Processes
  AND DANCE 261 - Freshman Seminar in Dance

Other Prerequisites
300 Level advanced writing course, Dance 317 highly recommended

Recommended
It is recommended that Dance 460 be taken prior to Dance 461

DANCE 462R - Dance Choreography, Advanced.

Course Information

Teaching Area (new)
DANCE

Course Number
462R

Teaching Area
DANCE

Course Title
Dance Choreography, Advanced.

Course Description
Advanced choreographic studies in dance.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Learning Outcomes

Tags
213570, 0, 1, 2023-08-29 08:35:02

Learning Outcome
Students will build upon technical elements, process, and crafting principles of composition learnined in 300 level choreography courses. Focus will be given on deepening investigation of movement invention, group forms and spatial relationships, the development of movement content in relation to structure, context, and meaning.

Tags
213571, 0, 2, 2023-08-29 08:35:04

Learning Outcome
Students will formulate personal aesthetic criteria through the process of observing and offering feedback on peers' works, in addition to viewing professional dance concerts and writing concise and thoughtful critiques.

Tags
213572, 0, 3, 2023-08-29 08:35:05

Learning Outcome
Students will gain expanded comprehension of professional choreographic work in the field, and discuss issues and approaches in making dances.

Tags
213573, 0, 4, 2023-08-29 08:35:06

Learning Outcome
Students will reflect on their choreographic process and products and evaluate their work.

DANCE 465 - K-12 Dance Curriculum Design

Course Information

Teaching Area (new)
DANCE

Course Number
465

Teaching Area
DANCE

Course Title
K-12 Dance Curriculum Design

Course Description
Dance curriculum design in the K-12 setting.

Department
Dance

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 276R - Exploration of Teaching
  AND DANCE 365 - Creative Dance for Elementary Education
  AND DANCE 366 - Methods of Teaching Contemporary Modern Dance

Other Prerequisites
Dance 348R or 399R.

Learning Outcomes

Title
Cross-Disciplinary Dance Curriculum

Tags
186758, 4

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }4. Demonstrate the ability to apply cross-disciplinary concepts within a larger dance curriculum in K-12 settings;

Title
Developmentally Appropriate Curriculum

Tags
186768, 3

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }3. Demonstrate the ability to organize and create unit and curricular plans that are developmentally appropriate for specific populations within the K-12 setting;

Title
National and State Standards

Tags
186900, 1

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }1. Demonstrate the ability to represent existing national and state dance standards within a relevant dance curriculum;

Title
Unit Planning and Sequencing

Tags
186919, 2

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }2. Understand and be able to articulate the value of unit planning and scope and sequencing within a larger curriculum map;

Title
Assessment

Tags
186940, 5

Learning Outcome
@font-face { font-family: "Courier New";}@font-face { font-family: "Wingdings";}p.MsoNormal, li.MsoNormal, div.MsoNormal { margin: 0in 0in 0.0001pt; font-size: 10pt; font-family: "Times New Roman"; }div.Section1 { page: Section1; }ol { margin-bottom: 0in; }ul { margin-bottom: 0in; }5. Articulate understanding of the language and uses of assessment.

DANCE 466 - Dance Teaching Practicum and Classroom Management

Course Information

Teaching Area (new)
DANCE

Course Number
466

Teaching Area
DANCE

Course Title
Dance Teaching Practicum and Classroom Management

Course Description
Pre-student teaching course giving students practical teaching and classroom management experience in a mentored environment. Discussion lab integrating theory and experience.

Department
Dance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 366 - Methods of Teaching Contemporary Modern Dance
  AND DANCE 465 - K-12 Dance Curriculum Design

Other Prerequisites
Dance major status

Note
Concurrent Dance 140 lab required.

Learning Outcomes

Title
Utah Effective Teaching Standards (UETS)

Tags
186848, 1

Learning Outcome
Demonstrate competent mastery of the Utah Effective Teaching Standards (UETS) while teaching (using the Utah Teacher Candidate Performance Assessment & Evaluation System (PAES)

Title
Planning and assessment

Tags
209767, 2

Learning Outcome
Create unit and lesson plans that respond to classroom and community contextual factors; appropriately align with the Utah and/or National core curriculum; and incorporate varied assessment strategies, including the successful design and use of a rubric

Title
Classroom Management

Tags
186956, 3

Learning Outcome
Articulate and demonstrate various strategies for successful classroom management;

Title
Classroom resources

Tags
209768, 4

Learning Outcome
Organize and compile varied music and other resources to assist with successful classroom management.

Title
Self-Assessment

Tags
186853, 5

Learning Outcome
Reflect upon and accurately self-assess teaching strengths and weaknesses using the PAES instrument.

DANCE 468R - Contemporary Dance Theatre

Course Information

Teaching Area (new)
DANCE

Course Number
468R

Teaching Area
DANCE

Course Title
Contemporary Dance Theatre

Course Description
Contemporary modern dance performing company. Performs on campus and tours regionally, nationally and internationally.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
12

Other Prerequisites
Audition. Concurrent enrollment in a contemporary modern technique course such as Dance 241R, Dance 243R, Dance 340R, Dance 341R, Dance 440R, or by instructor approval

Learning Outcomes

Title
Performance Skill and Artistry

Tags
187047, 1

Learning Outcome
Develop advanced performance skill and artistry.

Title
Choreography

Tags
187049, 6

Learning Outcome
Understand choreographic principles.

Title
Choreographic Process

Tags
187050, 9

Learning Outcome
Contribute to the choreographic process.

Title
Performance

Tags
187051, 12

Learning Outcome
Perform dances for audiences on campus, in schools, in professional venues, and at conferences.

Title
Testimony Strengthening

Tags
186861, 18

Learning Outcome
Strengthen their testimony of the gospel and deepen their desire to share light and truth through the art form of dance.

Title
Technical Ability

Tags
187048, 2

Learning Outcome
Show increased technical ability.

Title
Professional Conduct

Tags
187052, 15

Learning Outcome
Make visible attitudes of professional behavior.

DANCE 469 - Capstone in Dance

Course Information

Teaching Area (new)
DANCE

Course Number
469

Teaching Area
DANCE

Course Title
Capstone in Dance

Course Description
Senior capstone project in dance. Project approval required.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
0

Other Prerequisites
All capstone projects are required to go through a proposal process before you will be given instructor approval to add the course. Details on the proposal process can be found online and in the dance office. Dance BA students are required to complete Dance 317 before applying to the course.

Learning Outcomes

Title
Students will be able to:

Tags
186698, 2

Learning Outcome
1) Manage a choreographic process with professionalism and purpose, demonstrating the ability to self-direct, organize, and sustain creative momentum through all stages of development.

Title
Students will be able to:

Tags
186927, 0

Learning Outcome
2) Wrestle beauty out of chaos by generating and refining original movement material that reflects artistic risk-taking, spiritual sensitivity, and commitment to personal storytelling through the lens of a member of the Church of Jesus Christ of Latter-day Saints.

Title
Students will be able to:

Learning Outcome
3) Demonstrate Christlike leadership in rehearsal and production settings by fostering collaboration, compassion, honesty, and clear communication with dancers and creative partners.

Title
Students will be able to:

Learning Outcome
4) Revise choreographic work through iterative feedback from mentors and spiritual discernment developing the Christ-like qualities of humility, adaptability, and artistic clarity.

Title
Students will be able to:

Learning Outcome
5) Produce a performance in conjunction with peers that integrates lighting, costume, and staging as an act of devotion, demonstrating professional-level engagement and a commitment to meaningful artistic collaboration.

DANCE 474R - Percussive Step Styles

Course Information

Teaching Area (new)
DANCE

Course Number
474R

Teaching Area
DANCE

Course Title
Percussive Step Styles

Course Description
Advanced technique and skills from selected percussive dance styles.

Department
Dance

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Two of three possible courses: Dance 371 or 335 or 374R

Learning Outcomes

Title
Technical Skill and Artistry

Tags
210852, 0, 1

Learning Outcome
1. Perform professional-level footwork dance techniques including arm movements, footwork, alignment and weight shifts, expressing personalized style and energy

Title
Terminology

Learning Outcome
2. Demonstrate fluency in clogging, tap, Canadian step and Irish dance vocabulary, terminology, and notation

Title
Cultural Analysis and Appreciation

Learning Outcome
3. Identify differences between cultural step dance forms and relevant cultural aspects that inform those dance forms

Title
Christlike Character

Learning Outcome
4. Apply Christ-like character-building traits such as cooperation and accountability while working through partner interactions, creating choreographies, and giving thoughtful partner-assisted corrections

DANCE 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
DANCE

Course Number
476

Teaching Area
DANCE

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Dance

When Taught
Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Utah Effective Teaching Standards

Tags
187147, 0, 1

Learning Outcome
Students will demonstrate competency in the Utah Effective Teaching Standards, including teaching with and applying: 1. Learner Development 2. Learning Differences 3. Learning Environments 4. Content Knowledge 5. Assessment 6. Instructional Planning 7. Instructional Strategies 8. Reflection and Continuous Growth 9. Leadership and Collaboration 10. Professional and Ethical Behavior

Title
BYU Five Commitments

Tags
187148, 0, 2

Learning Outcome
Students will apply and synthesize the McKay School of Education's Five Commitments to their teaching practices: 1. Civic Preparation and Engagement 2. Engaged Learning Through Nurturing Pedagogy 3. Equitable Access to Academic Knowledge and Achievement 4. Stewardship in School and Community 5. Commitment to Renewal

Title
Pedagogy Performance Assessment

Tags
187149, 0, 3

Learning Outcome
Students will complete and reflect upon the required pedagogy assessment (TCA).

DANCE 480R - Social Dance, Technique 3

Course Information

Teaching Area (new)
DANCE

Course Number
480R

Teaching Area
DANCE

Course Title
Social Dance, Technique 3

Course Description
Competitive level: Waltz, Foxtrot, Tango, Viennese Waltz.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 380R or equivalent

Note
Audition required

Learning Outcomes

Title
Advanced Technique

Tags
186836, 1

Learning Outcome
2. Students will demonstrate advanced level the technique (including footwork, rhythm, alignment, and styling) associated with each dance by practice and application.

Title
BYU Dancesport Competition

Tags
186888, 2

Learning Outcome
3. Students will demonstrate their ability to compete in an open event by participation in the BYU Dancesport competition.

Title
Dance Routine Practice and Application

Tags
186958, 0

Learning Outcome
1. Students will demonstrate the class routines associated with each dance by practice and application

DANCE 484R - Ballroom Dance, International Technique 4

Course Information

Teaching Area (new)
DANCE

Course Number
484R

Teaching Area
DANCE

Course Title
Ballroom Dance, International Technique 4

Course Description
Gold bar level: waltz, tango, fox-trot, quickstep, Viennese waltz.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 384R or equivalent; instructor's consent.

Learning Outcomes

Title
Demonstrate championship level technique

Tags
187132, 1

Learning Outcome
2. Students will be able to demonstrate "championship" level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate mastery in competitive ballroom figures

Tags
187059, 0

Learning Outcome
1. Students will be able to demonstrate competitive figures at a championship level in International Style Waltz, Tango, Foxtrot and Quickstep.

Title
Demonstrate championship level technique

Tags
187131, 1

Learning Outcome
2. Students will be able to demonstrate "championship" level ballroom technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

DANCE 485R - Latin Dance, International Technique 4

Course Information

Teaching Area (new)
DANCE

Course Number
485R

Teaching Area
DANCE

Course Title
Latin Dance, International Technique 4

Course Description
Gold bar level: cha-cha, rumba, samba, jive, paso doble.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Dance 385R or equivalent; instructor's consent.

Learning Outcomes

Title
Demonstrate mastery of competitive latin figures

Tags
187133, 1

Learning Outcome
1. Students will be able to demonstrate competitive figures at a championship level in the International Style Cha-Cha, Samba, Rumba, Paso Doble

Title
Demonstrate championship level latin technique

Tags
187134, 2

Learning Outcome
2. Students will be able to demonstrate "championship" level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate championship level latin technique

Tags
186760, 1

Learning Outcome
2. Students will be able to demonstrate "championship" level latin technique in the following areas:1) posture and dance position 2) clarity and use of timing 3) proper use of feet 4) correct weight transfer 5) a clear understanding of partnering skills

Title
Demonstrate mastery of competitive latin figures

Tags
187060, 0

Learning Outcome
1. Students will be able to demonstrate competitive figures at a championship level in the International Style Cha-Cha, Samba, Rumba, Paso Doble

DANCE 486 - Theory and Notation of International Ballroom Dance

Course Information

Teaching Area (new)
DANCE

Course Number
486

Teaching Area
DANCE

Course Title
Theory and Notation of International Ballroom Dance

Course Description
Preparation for professional teaching certification examinations.

Department
Dance

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 384R - Ballroom Dance, International Technique 3

Note
Audition required

Learning Outcomes

Title
Technical Evaluation

Tags
186773, 7

Learning Outcome
3. Students will be able to correctly articulate and deliver the technical information as required for a future professional examination the following categories: Feet Positions, Alignment, Amount of Turn, Rise & Fall, Footwork, C.B.M., and Sway

Title
Figures and Routines

Tags
186791, 10

Learning Outcome
4.Students will be able to successfully amalgamate school figures into a cohesive routine.

Title
Technical Codification of International Style Waltz, Tango F

Tags
186808, 1

Learning Outcome
1. Students will find coherence in technical codification of International Style Waltz, Tango Foxtrot, and Quickstep.

Title
Bronze and Silver Level Waltz, Tango Foxtrot, and Quickstep

Tags
187016, 2

Learning Outcome
2. Students will be able to demonstrate with technical clarity the man and woman's part of Bronze and Silver level school figures of the Waltz, Tango Foxtrot, and Quickstep.

DANCE 487 - Theory and Notation of International Latin Dance

Course Information

Teaching Area (new)
DANCE

Course Number
487

Teaching Area
DANCE

Course Title
Theory and Notation of International Latin Dance

Course Description
Theory and notation of International Latin Dance and preparation for professional teaching certification examinations.

Department
Dance

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 385R - Latin Dance, International Technique 3

Learning Outcomes

Title
Technical Codification of International Style Cha-Cha, Samba

Tags
186781, 1

Learning Outcome
1. Students will find coherence in technical codification of International Style Cha-Cha, Samba Rumba Paso Doble, and Jive

Title
Technical Evaluation

Tags
186803, 2

Learning Outcome
3. Students will be able to correctly articulate and deliver the technical information as required for a future professional examination the following categories: Feet Positions, Alignment, Amount of Turn, Footwork

Title
Figures and Routines

Tags
186862, 3

Learning Outcome
4. Students will be able to successfully amalgamate school figures into a cohesive routine.

Title
Bronze and Silver Level Cha-Cha, Samba, Rumba, Paso Doble, a

Tags
186979, 1

Learning Outcome
2. Students will be able to demonstrate with technical clarity the man and woman's part of Bronze and Silver level school figures of the Cha-Cha, Samba, Rumba, Paso Doble, and Jive

DANCE 488R - Ballroom Dance Performance Company

Course Information

Teaching Area (new)
DANCE

Course Number
488R

Teaching Area
DANCE

Course Title
Ballroom Dance Performance Company

Course Description
Performance techniques and experience with BYU Ballroom Dance Company.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
Audition

Learning Outcomes

Title
Representing BYU and the Church

Tags
186776, 1

Learning Outcome
2. Students will exemplify the standards of Brigham Young University and the Church of Jesus Christ of Latter-day Saints, and the United States as student ambassadors

Title
Ballroom Dance Choreographic Repertoire

Tags
186794, 0

Learning Outcome
1. Students will demonstrate an increased ability to perform the art of Ballroom Dance through participation in choreographic repertoire .

Title
Dance as Cultural Tradition

Tags
186961, 2

Learning Outcome
3. Students will find coherence of dance as a cultural tradition, an art form, an uplifting form of entertainment, and a social/recreational activity.

DANCE 489R - Preparation for Ballroom Dance Competitions

Course Information

Teaching Area (new)
DANCE

Course Number
489R

Teaching Area
DANCE

Course Title
Preparation for Ballroom Dance Competitions

Course Description
Creation and presentation of ballroom competitive routines, emphasizing visual and musical aspects.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Competitive Dance Repertoire

Tags
186960, 1

Learning Outcome
2. Students will demonstrate a repertoire of competitive dances in the Ballroom or Latin style.

Title
Competitive Dancing

Tags
186984, 0

Learning Outcome
1. Students will find coherence in the rigor required for competitive dancing. practices for International Style Ballroom Dance.

DANCE 490R - Ballet Technique 5

Course Information

Teaching Area (new)
DANCE

Course Number
490R

Teaching Area
DANCE

Course Title
Ballet Technique 5

Course Description
Advanced ballet technique with advanced pointe work for women and technique for men.

Department
Dance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
8.5

Other Prerequisites
Audition

Learning Outcomes

Title
Writing Objectives

Tags
187180, 0, 8

Learning Outcome

Each student will:
1. Acquire a working knowledge of French ballet terminology.
2. Articulate observed personal growth throughout the course of the semester.

Title
Professionalism Objective

Tags
186763, 0, 9

Learning Outcome

Each student will:
1. Demonstrate an understanding of professionalism and ballet etiquette.

Title
Technique Objective

Tags
186771, 0, 0

Learning Outcome

Each student will:
1. Execute advanced skill in pre-professional ballet technique and pointe work.

DANCE 494R - Ballet Pointe/Variations

Course Information

Teaching Area (new)
DANCE

Course Number
494R

Teaching Area
DANCE

Course Title
Ballet Pointe/Variations

Course Description
Advanced Ballet pointe/variations.

Department
Dance

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Other Prerequisites
Audition required; concurrent enrollment in Dance 390R or above.

Learning Outcomes

Title
Writing Objective 1

Tags
186700, 3

Learning Outcome
Students will compile a notebook with the background, libretto, and details of each variation which will aid in the future instructing of these variations. The student will include specifics on choreographers, composers, and dancers where applicable; as well as all steps of each variation written in a clear, understandable form.

Title
Technique Objective 1

Tags
186701, 4

Learning Outcome
Students will learn each variation and be required to perform throughout the semester.

Title
Participation Objective 2

Tags
186830, 1

Learning Outcome
Students will learn and record the background, libretto, and style of the specific ballets through brief lectures.

Title
Technique Objective 2

Tags
186886, 7

Learning Outcome
Students will prepare variations to perform and be graded on those technical and stylistic requirements.

Title
Participation Objective 1

Tags
186970, 0

Learning Outcome
Students will learn and achieve technical and stylistic mastery of several variations from classical ballets.

DANCE 495R - Pas de Deux

Course Information

Teaching Area (new)
DANCE

Course Number
495R

Teaching Area
DANCE

Course Title
Pas de Deux

Course Description
Ballet partnering techniques.

Department
Dance

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Audition

Learning Outcomes

Title
Point of Balance (Male)

Tags
186922, 0, 1

Learning Outcome
Students will be able to find their partner's point of balance on one and two leg(s).

Title
Promenades (Male)

Tags
186946, 0, 2

Learning Outcome
Students will be able to complete one full promenade with accuracy while maintaining their partner's point of balance.

Title
Pirouettes (Males)

Tags
186895, 0, 3

Learning Outcome
Students will be able to execute one full pirouette to the right and left, partnering at the waist.

Title
Aerial Partnering (Male)

Tags
186935, 0, 4

Learning Outcome
Students will perform aerial partnering to chest height with assistance from their partner.

Title
Artistry and Appreciation (Male)

Tags
186841, 0, 6

Learning Outcome
Students will demonstrate proper artistry by maintaining an appreciation for the partner's role in creating a union of movement.

Title
Partner Communication (Male)

Tags
186799, 0, 5

Learning Outcome
Students will communicate with their partner with respect, consideration, and candor both verbally and physically.

Title
Perform Pas de Duex (Male)

Tags
186805, 0, 7

Learning Outcome
Students will be able to correctly perform up to 3 classical pas de duex.

Title
Point of Balance (Female)

Tags
186980, 0, 8

Learning Outcome
Students will be able to correctly and consistently hold themselves with strength, posture, and form to assist their partners in finding their point of balance.

Title
Promenade (Female)

Tags
186957, 0, 9

Learning Outcome
Students will be able to complete one full promenade with accuracy while maintaining their strength, posture, and form.

Title
Pirouette (Female)

Tags
187011, 0, 10

Learning Outcome
Students will be able to execute one full pirouette to the right and left while maintaining their strength, posture, and form.

Title
Aerial Partnering (Female)

Tags
186822, 0, 11

Learning Outcome
Students will perform aerial partnering to chest height while maintaining strength, posture, and form.

Title
Partner Communication (Female)

Tags
186777, 0, 12

Learning Outcome
Students will communicate with their partner with respect, consideration, and candor both verbally and physically.

Title
Artistry and Appreciation (Female)

Tags
186916, 0, 13

Learning Outcome
Students will demonstrate proper artistry by maintaining an appreciation for the partner's role in creating a union of movement.

Title
Pas de Duex (Female)

Tags
211347, 0, 14

Learning Outcome
Students will be able to correctly perform up to 3 classical pas de duex.

DANCE 498R - Theatre Ballet

Course Information

Teaching Area (new)
DANCE

Course Number
498R

Teaching Area
DANCE

Course Title
Theatre Ballet

Course Description
Performance technique and experience with BYU Theatre Ballet.

Department
Dance

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
10

Other Prerequisites
Audition and concurrent enrollment in Dance 490R, 495R, and 234.

DANCE 544R - Advanced Studio Workshop

Course Information

Teaching Area (new)
DANCE

Course Number
544R

Teaching Area
DANCE

Course Title
Advanced Studio Workshop

Course Description
Studies in improvisation, choreography and repertory in a studio workshop environment. Teacher approval required.

Department
Dance

When Taught
Spring and Summer Terms

Credit Hours

Min:
1

Fixed/Max:
4

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 244R - Beginning Creative Processes

DANSH 101 - First-Year Danish

Course Information

Teaching Area (new)
DANSH

Course Number
101

Teaching Area
DANSH

Course Title
First-Year Danish

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Comprehension

Tags
190300, 0

Learning Outcome
Students will comprehend Danish as they hear and read authentic language relating to familiar topics.

Title
Speaking

Tags
190475, 1

Learning Outcome
Students will comprehend Danish as they hear and read authentic language relating to familiar topics.

Title
Language Learning Strategies

Tags
190528, 2

Learning Outcome
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Culture

Tags
190580, 3

Learning Outcome
Students will display appropriate awareness of everyday culture in Danish-speaking countries.

DANSH 102 - First-Year Danish

Course Information

Teaching Area (new)
DANSH

Course Number
102

Teaching Area
DANSH

Course Title
First-Year Danish

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Speaking

Tags
190307, 1

Learning Outcome
Students will be able to speak Danish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

Title
Comprehension

Tags
190369, 0

Learning Outcome
Students will be able to comprehend Danish as they hear and read authentic language relating to familiar topics.

Title
Language Learning Strategies

Tags
190431, 3

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Culture

Tags
190494, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Danish-speaking countries.

Title
Writing

Tags
190543, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Danish on familiar topics.

DANSH 201 - Second-Year Danish

Course Information

Teaching Area (new)
DANSH

Course Number
201

Teaching Area
DANSH

Course Title
Second-Year Danish

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.

Department
Language Studies

When Taught
Fall Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Other Prerequisites
Dansh 102 or equivalent experience

Learning Outcomes

Title
Comprehension

Tags
190253, 0

Learning Outcome
Students will be able to comprehend Danish as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

Title
Speaking and Writing

Tags
190266, 1

Learning Outcome
Students will be able to speak and write Danish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

Title
Conversation

Tags
190367, 2

Learning Outcome
Students will be able to participate actively in conversations about Danish-speaking countries, concrete topics, and current events.

Title
Opinions

Tags
190508, 3

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

DANSH 202 - Second Year Danish

Course Information

Teaching Area (new)
DANSH

Course Number
202

Teaching Area
DANSH

Course Title
Second Year Danish

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.

Department
Language Studies

When Taught
Winter Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

Learning Outcomes

Title
Danish Culture

Tags
190358, 3

Learning Outcome
Students will broaden and deepen their perception and appreciation of Danish culture.

Title
Comprehension

Tags
190382, 1

Learning Outcome
Students will be able to comprehend Danish as they hear and read authentic language relating to familiar and less familiar topics.

Title
Literature and Cultural History

Tags
190594, 0

Learning Outcome
Students will be able to identify and define key characteristics of the important moments in Danish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

Title
Speaking and Writing

Tags
190598, 2

Learning Outcome
Students will improve their reading and writing skills in Danish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

DANSH 211R - Second-Year Conversation

Course Information

Teaching Area (new)
DANSH

Course Number
211R

Teaching Area
DANSH

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Dansh 102 or equivalent experience

Learning Outcomes

Title
Fluency

Tags
190227, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Description and Narration

Tags
190316, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

Title
Vocabulary

Tags
190435, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Opinions

Tags
190595, 1

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

DANSH 311R - Third-Year Conversation

Course Information

Teaching Area (new)
DANSH

Course Number
311R

Teaching Area
DANSH

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Dansh 211R or equivalent experience.

Learning Outcomes

Title
Opinions

Tags
190265, 1

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

Title
Pronunciation

Tags
190284, 4

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Title
Fluency

Tags
190404, 2

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

Title
Vocabulary

Tags
190538, 3

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

Title
Description and Narration

Tags
190578, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

DANSH 330 - Advanced Language Proficiency Through Cultural Studies: Danish

Course Information

Teaching Area (new)
DANSH

Course Number
330

Teaching Area
DANSH

Course Title
Advanced Language Proficiency Through Cultural Studies: Danish

Course Description
Study of Danish culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Dansh 202 or equivalent experience.

Note
Required course for obtaining language credit by examination. This course replaces the former 321 course; students who have taken 321 may not take 330.

Learning Outcomes

Title
Critical Thinking

Tags
190611, 1

Learning Outcome
Students will demonstrate critical thinking skills through literary analysis, debate, dealing with unanticipated complications in conversation, forming and supporting opinions, and presenting on topics of general interest.

Title
Culture

Tags
190612, 2

Learning Outcome
Students will explain how common cultural products and practices relate to cultural perspectives. They will interact with cultural competence in familiar and some unfamiliar contexts.

Title
Reading and Listening

Tags
190613, 3

Learning Outcome
Students will demonstrate reading and listening comprehension of Advanced level texts such as narrative, descriptive, and explanatory texts. They will demonstrate a broad vocabulary regarding concrete, general interest topics such as education, work, government, and topics in the news.

Title
Writing and Speaking

Tags
190614, 4

Learning Outcome
Students will write and speak using cohesive paragraphs on topics of personal and general interest. Students will demonstrate control of frequently used structures and will write and speak with Advanced level accuracy.

DANSH 340 - Danish Literature

Course Information

Teaching Area (new)
DANSH

Course Number
340

Teaching Area
DANSH

Course Title
Danish Literature

Course Description
Readings in Danish literature; introduction to basic literary concepts. Includes International Cinema.

Department
Comparative Arts and Letters

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Recommended
Dansh 321 or equivalent experience

Note
Culminating course for GE Foreign Language requirement.

Learning Outcomes

Title
Danish Culture

Tags
190029, 1

Learning Outcome
Students should understand key trends and works from Danish culture, recognize connections between these works, and be able to relate them to the development of contemporary Danish culture.

Title
Cultural Literacy

Tags
190030, 4

Learning Outcome
Students should relate the ideas and issues raised by the works we study in class to the students' own cultural moment as well as to their own experience with contemporary Danish culture.

Title
Lifelong learning

Tags
190031, 6

Learning Outcome
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art encountered later in life.

Title
Analytic and Writing Skills

Tags
190280, 2

Learning Outcome
Students should be able to insightfully analyze important literary and artistic works from Danish cultural history and be able to communicate this analysis through articulate written and oral presentations in Danish. Students will also develop basic research skills.

DANSH 399R - Academic Internship

Course Information

Teaching Area (new)
DANSH

Course Number
399R

Teaching Area
DANSH

Course Title
Academic Internship

Course Description
On-the-job experience in Danish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department's consent

Learning Outcomes

Title
Professional Experience

Tags
190628, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

DARI 100 - Language Study: Dari

Course Information

Teaching Area (new)
DARI

Course Number
100

Teaching Area
DARI

Course Title
Language Study: Dari

Course Description
Beginning speaking, listening, reading, and writing skills in Dari.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197319, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197321, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197323, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

DARI 101 - First-Year Language Study: Dari

Course Information

Teaching Area (new)
DARI

Course Number
101

Teaching Area
DARI

Course Title
First-Year Language Study: Dari

Course Description
Beginning speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197326, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197330, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197332, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197335, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

DARI 102 - First-Year Language Study: Dari

Course Information

Teaching Area (new)
DARI

Course Number
102

Teaching Area
DARI

Course Title
First-Year Language Study: Dari

Course Description
Second-semester speaking, listening, reading, and writing skills in Dari.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 101 - First-Year Language Study: Dari

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197339, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197340, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197341, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197343, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

DARI 201 - Second-Year Language Study: Dari

Course Information

Teaching Area (new)
DARI

Course Number
201

Teaching Area
DARI

Course Title
Second-Year Language Study: Dari

Course Description
Intermediate speaking, listening, reading, and writing skills in Dari.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 102 - First-Year Language Study: Dari

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197344, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197346, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197348, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197351, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

DARI 202 - Second-Year Language Study: Dari

Course Information

Teaching Area (new)
DARI

Course Number
202

Teaching Area
DARI

Course Title
Second-Year Language Study: Dari

Course Description
Continued emphasis on Dari communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 201 - Second-Year Language Study: Dari

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197355, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197358, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197360, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197377, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

DARI 305 - Language Skills Development: Dari

Course Information

Teaching Area (new)
DARI

Course Number
305

Teaching Area
DARI

Course Title
Language Skills Development: Dari

Course Description
Increasing proficiency in one or more of the following Dari language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197379, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197382, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197386, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

DARI 321 - Advanced Grammar: Dari

Course Information

Teaching Area (new)
DARI

Course Number
321

Teaching Area
DARI

Course Title
Advanced Grammar: Dari

Course Description
Systematic review of grammar and syntax of Dari.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 202 - Second-Year Language Study: Dari

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197396, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197398, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197403, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

Course Information

Teaching Area (new)
DARI

Course Number
330

Teaching Area
DARI

Course Title
Advanced Language Proficiency Through Cultural Studies: Dari

Course Description
Study of Dari culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Dari 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement

Learning Outcomes

Title
Communication Skills

Tags
197406, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197410, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197412, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197417, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

DARI 340 - Introduction to Literature: Dari

Course Information

Teaching Area (new)
DARI

Course Number
340

Teaching Area
DARI

Course Title
Introduction to Literature: Dari

Course Description
Advanced study of Dari literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
197422, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197426, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197427, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197429, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

DARI 350 - Advanced Language Study for Career Purposes: Dari

Course Information

Teaching Area (new)
DARI

Course Number
350

Teaching Area
DARI

Course Title
Advanced Language Study for Career Purposes: Dari

Course Description
Concentration on Dari language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DARI 330 - Advanced Language Proficiency Through Cultural Studies: Dari

Learning Outcomes

Title
Defined Career Purposes

Tags
197432, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197434, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197436, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197438, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197440, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

DES 150 - Introduction to Life Drawing

Course Information

Teaching Area (new)
DES

Course Number
150

Teaching Area
DES

Course Title
Introduction to Life Drawing

Course Description
Life study using a variety of media and methods. Readings, writing, and participation in course work exhibition required.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESIL 101 - Drawing and Composition

Other Prerequisites
Accepted Illustration pre-majors only.

Learning Outcomes

Title
Figure Drawing

Tags
106301, 0

Learning Outcome
Students will be able to identify and apply basic principles of figure drawing, such as angles, proportions, and lines of action, in both quick studies as well as in longer studies.

Title
Volume, Foreshortening, and the Human Form

Tags
106302, 0

Learning Outcome
Students will be able to analyze and draw human forms using volume, foreshortened masses, and body rhythms.

DES 198 - Introduction to Interdisciplinary Design

Course Information

Course Number
198

Teaching Area
DES

Course Title
Introduction to Interdisciplinary Design

Course Description
This class will help orient students to the nature of interdisciplinary work, help them evaluate and understand the constraints and benefits of this major and other department majors, and provide them with an opportunity to meet multiple faculty of disciplines that contribute to this major (Graphic Design, Photo- & Lens- Based design, and Illustration). Students in this course will participate in limited class meetings and one-on-one faculty meetings.

Department
Design

When Taught
Contact Department

Credit Hours

Fixed/Max:
0.5

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- DESIL 101 - Drawing and Composition
  OR DESGD 145 - Design 1
  OR DESPH 116 - Introduction to Photography and Digital Workflow

Other Prerequisites
Accepted pre-BA Design majors only.

Recommended
Students should be concurrently enrolled in one or more pre-major classes spanning multiple disciplines (e.g. Photo- and Lens-based design *and* Graphic Design, or Illustration *and* Graphic Design)

Learning Outcomes

Title
Evaluation

Tags
213574, 0, 1, 2023-08-29 08:36:13

Learning Outcome
Evaluate and understand the constraints and benefits of this major

Title
Interdisciplinary Design

Tags
213575, 0, 2, 2023-08-29 08:36:15

Learning Outcome
Understand different contemporary design disciplines and create work that involves multiple disciplines

DES 217 - Design Thinking

Course Information

Teaching Area (new)
DES

Course Number
217

Teaching Area
DES

Course Title
Design Thinking

Course Description
Students will unpack each step of the design thinking process while honing critical thinking, conceptual development, and craft through readings and projects.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Design Practice

Tags
187291, 1

Learning Outcome
Students will be able to understand the diverse methods employed in design thinking and establish a workable design thinking framework to use in their practices.

Title
Design Theory and Criticism

Tags
187292, 2

Learning Outcome
Students will be able to examine critical theories of design, systems thinking, and design methodologies.

Title
Design Thinking

Tags
187293, 3

Learning Outcome
Students will be able to demonstrate sound thinking, creative inquiry, and diverse modes of reasoning-visual, perceptual, conceptual, inductive, deductive, analytical, logical, critical, organizational, and creative-through discussion and writing.

Title
Creative Discovery

Tags
187294, 4

Learning Outcome
Students will be able to solve problems and address social concerns with innovative approaches to design and exploratory methodologies.

Title
Communication, Beliefs, and Ethics

Tags
187295, 5

Learning Outcome
Students will be able to recognize the role of the individual designer in delivering meaning through design thinking and discuss the central role of beliefs and ethics in visual communication through art and design.

DES 280 - Motion Concepts

Course Information

Teaching Area (new)
DES

Course Number
280

Teaching Area
DES

Course Title
Motion Concepts

Course Description
Studio course instructing students in the art of design and communication with motion and sound. Design principles, editing, and narrative concepts are employed to create short motion design projects.

Department
Design

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Department of Design BFA and BA majors only.

Learning Outcomes

Title
Story and Mood

Tags
213576, 0, 1, 2023-08-29 08:36:18

Learning Outcome
Students will be able to create a story and mood with movement and animation using editing to control the story.

Title
Designing with Time, Space, and Sound

Tags
213577, 0, 2, 2023-08-29 08:36:19

Learning Outcome
Students will create projects that demonstrate understanding of time, 2D and 3D space, and sound.

Title
Motion Graphics Projects

Tags
213578, 0, 3, 2023-08-29 08:36:21

Learning Outcome
Students apply design principles and narrative techniques to animation and motion graphics projects using current professional standard tools.

Title
Written and Oral Communication

Tags
213579, 0, 4, 2023-08-29 08:36:22

Learning Outcome
Students will be able to effectively explain and defend their work using written and oral communication skills.

DES 311R - Design Lecture Series

Course Information

Teaching Area (new)
DES

Course Number
311R

Teaching Area
DES

Course Title
Design Lecture Series

Course Description
Visiting lecture series exploring design practice through the lenses of various practicing professionals.

Department
Design

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Design majors only or instructor permission.

Learning Outcomes

Title
Appreciate Diverse Creative Perspectives Through Professional Voices

Learning Outcome
Students will gain an appreciation for the global and interdisciplinary nature of design practice by engaging with visiting professionals - fostering empathy, respect for diversity, and openness to new ideas. Through these experiences, students will build a foundation for lifelong learning by exploring and understanding the evolution, current trends, and professional practices of various disciplines of contemporary design practice.

Title
Recognize the Influence of Faith and Values in a Professional Creative Life

Learning Outcome
Students will be exposed to examples of: (a) how personal and spiritual values can be integrated into, and guide creative processes, (b) the Moral and Ethical Dimensions of Design Practice, and (c) its potential for Social Impact.

Title
Engage in Personal Reflection, Laying the Foundation for Personal Vision and Creative Confidence

Learning Outcome
Through thoughtful analysis and personal reflection, students will begin to cultivate their own creative voice and design identity, reflecting on the intersection of personal inspiration, academic learning, and spiritual growth.

DES 340 - Graphics: Brand & Type

Course Information

Teaching Area (new)
INDES

Course Number
340

Teaching Area
DES

Course Title
Graphics: Brand & Type

Course Description
Introduction to graphic skills such as corporate identity, packaging design, logo design, and web/interface design elements.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

DES 383 - Analog Motion

Course Information

Course Number
383

Teaching Area
DES

Course Title
Analog Motion

Course Description
Interdisciplinary course with a focus on stop motion animation. Illustration, photography, graphic design, animation, and hybrid majors will apply their existing skills towards the creation of short-form works using a multi-plane setup. The course is a balanced mix of theory and practice, with detailed instruction on montage, efficient storytelling, animation techniques, and the complete production pipeline. Students will complete projects for both commercial and entertainment applications. A playful, experimental approach is encouraged as students learn the foundational principles of motion design. This course has no prerequisites.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Design BFA & BA majors only.

Learning Outcomes

Title
Time as Material

Tags
213584, 0, 1, 2023-08-29 08:36:30

Learning Outcome
Motion design is rooted in the belief that movement is a fundamental mode of meaning-making. As with composition, form, and color, you'll learn to use time as a primary expressive element.

Title
Stop Motion Methods

Tags
213585, 0, 2, 2023-08-29 08:36:32

Learning Outcome
You'll learn how principles such as easing, anticipation, and pose-to-pose translate to an analog process. You'll engage with all aspects of the stop-motion pipeline, from concept to final cut.

Title
Interdisciplinary Fluency

Tags
213586, 0, 3, 2023-08-29 08:36:34

Learning Outcome
You'll stretch beyond the boundaries of your major to acquire fundamental competency in adjacent disciplines. Instruction in lighting, image capture, character design and construction, rotoscoping, and other skills will be provided.

Title
Interdisciplinary Collaboration

Tags
213587, 0, 4, 2023-08-29 08:36:35

Learning Outcome
Students will work in interdisciplinary groups, building skills in collaboration and producing complex stop-motion works with more efficiency and creativity than can be done in isolation.

Title
Narrative Proficiency

Tags
213588, 0, 5, 2023-08-29 08:36:36

Learning Outcome
You'll learn to use the fundamentals of semiotics and montage to create short-form, impactful content designed to engage audiences.

Title
Commerical Viability

Tags
213589, 0, 6, 2023-08-29 08:36:37

Learning Outcome
Stop motion is a potent tool for brand storytelling. You will learn how to use stop motion as a high-value asset for commercial communication.

Title
Spiritually-Inspired Creative Process

Learning Outcome
Creativity asks you to trust that something good will happen. Learning asks you to trust that you'll eventually have clarity and power. You'll learn how to rely more on the Great Creator to lead you through creative uncertainty into light.

Title
Design as Service

Learning Outcome
Motion design has the special ability to delight, engage, persuade, and instruct. You'll attune your ability to discern needs and opportunities in the world and apply these abilities towards helping your fellow children of God.

DES 390 - Design Theory and Visual Culture

Course Information

Teaching Area (new)
DES

Course Number
390

Teaching Area
DES

Course Title
Design Theory and Visual Culture

Course Description
Theoretical and historical readings and discussions explore visual culture, aesthetics, critical studies, ethics, and design practice across various professional disciplines with a focus on historical trajectories and speculative futures.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- ARTHC 202 - World Civilization Since 1500
  OR PHIL 202 - History of Philosophy 2
  OR IHUM 202 - Western Humanities 2: Renaissance to the Present

Other Prerequisites
Design majors only.

Learning Outcomes

Title
Ethics and Innovation

Tags
187290, 4

Learning Outcome
Students will be able to understand the ethics of design and principles of innovation for engaging with and improving the world through design and image.

Title
Design and Cultural History

Tags
187287, 1

Learning Outcome
Students will be able to identify ways in which visual design shapes and is shaped by society through communications, social relations, culture, economies, education, politics and history.

Title
Critical Discourse

Tags
187288, 2

Learning Outcome
Students will be able to understand, discuss, and write about the theoretical, philosophical, social, and critical discourse--the "whys" and "why nots" of design practice and visual culture--and how their work fits into these contexts

Title
Image and Meaning

Tags
187289, 3

Learning Outcome
Students will be able to demonstrate fluency in interpretation and analysis of image systems, semiotics and meaning of visual culture in its diverse forms.

DES 394R - Special Topics

Course Information

Teaching Area (new)
DES

Course Number
394R

Teaching Area
DES

Course Title
Special Topics

Course Description
Advanced studio course offering project-based, interdisciplinary study of a specialized design topic.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Design majors, or advertising design minors, or instructor permission only.

Fee
25

Note
Fee.

DES 411R - Field Study

Course Information

Teaching Area (new)
DES

Course Number
411R

Teaching Area
DES

Course Title
Field Study

Course Description
On-location study of design.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Directed Field Study

Tags
187286, 1

Learning Outcome
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

DES 480 - 3D Motion

Course Information

Teaching Area (new)
DES

Course Number
480

Teaching Area
DES

Course Title
3D Motion

Course Description
Continues the exploration of design and communication with motion and animation, including and especially designing in 3-D spaces. Design principles and storytelling concepts are employed to create short motion design projects.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 280 - Motion Concepts

Other Prerequisites
Dept of Design majors, or instructor consent only.

Learning Outcomes

Title
Time as Material

Tags
213590, 0, 1, 2023-08-29 08:36:41

Learning Outcome
Motion design is rooted in the belief that movement is a fundamental mode of meaning-making. As with composition, form, and color, you'll learn to use time as a primary expressive element.

Title
Dimensional Fluency

Tags
213591, 0, 2, 2023-08-29 08:36:42

Learning Outcome
As with sculpture or set design, you'll develop artistic sensibility and technical proficiency in manipulating 3D form and space.

Title
Spiritually-Inspired Creative Process

Tags
213592, 0, 3, 2023-08-29 08:36:44

Learning Outcome
Creativity asks you to trust that something good will happen. Learning asks you to trust that you'll eventually have clarity and power. You'll learn how to rely more on the Great Creator to lead you through creative uncertainty into light.

Title
Conceptual Thinking

Tags
213593, 0, 4, 2023-08-29 08:36:45

Learning Outcome
You'll invent forward-thinking, culturally relevant concepts that influence audiences while surpassing the cliché and uninspired. You'll learn to effectively use mood and emotion to bring weight to your work.

Title
Portfolio Building

Tags
213594, 0, 5, 2023-08-29 08:36:46

Learning Outcome
You'll create compelling work that fits well in the context of your personal portfolio.

Title
Design as Service

Learning Outcome
Motion design has the special ability to delight, engage, persuade, and instruct. You'll attune your ability to discern needs and opportunities in the world and apply these abilities towards helping your fellow children of God.

Title
Interdisciplinary Agility

Learning Outcome
In addition to applying course knowledge to your major, you'll expand your understanding beyond a 'siloed' mindset. You'll develop skilled use of design principles across disciplines, and understand techniques for effectively combining different media.

DES 496R - Academic Internship: Professional Internship

Course Information

Teaching Area (new)
DES

Course Number
496R

Teaching Area
DES

Course Title
Academic Internship: Professional Internship

Course Description
Work experience in professional design studio evaluated by supervisor.

Department
Design

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Department and faculty advisor's consent.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Skill Application

Tags
187300, 1

Learning Outcome
Students will have the opportunity to apply their design skills in a real working environment.

Title
Client Needs and Design Integrity

Tags
187301, 2

Learning Outcome
Students will learn how to meet the needs of the client while preserving the integrity of the design principles they have learned in class. Communication skills are paramount.

Title
Effective Collaboration

Tags
187302, 3

Learning Outcome
Students will be able to interact with team members from all areas of expertise on a real-world project.

DES 498R - Directed Studies

Course Information

Course Number
498R

Teaching Area
DES

Course Title
Directed Studies

Course Description
Students will be able to meet regularly with a professor or mentor throughout the course of the semester to complete a project of their own choosing.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor add code required; students should meet with their mentor and propose a self-directed, mentored project to work on during the semester in which they take this class.

Recommended
It is recommended that students complete most of their required major coursework before taking this class. This class should ideally be taken during the final year before graduation.

Learning Outcomes

Title
Design Project

Tags
213595, 0, 1, 2023-08-29 08:36:49

Learning Outcome
Students will design a major visual artifact (or series of artifacts or experience) that demonstrate synthesis and mastery of their other coursework and establish a rhetorically compelling relationship between the content and format of their work.

Title
Ideas, Critique, Mentorship

Tags
213596, 0, 2, 2023-08-29 08:36:50

Learning Outcome
Students will develop ideas in consultation, critique, and individual mentorship with a faculty mentor

DESAN 101 - Intro to Animation

Course Information

Teaching Area (new)
DESAN

Course Number
101

Teaching Area
DESAN

Course Title
Intro to Animation

Course Description
This course will introduce drawing techniques for animators including scene composition, object placement, image sequencing, and camera angles. Students will learn to draw two-dimensional objects that appear to be three-dimensional with an appropriate sense of volume, weight, and balance.

Department
Design

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Pre-animation majors

Learning Outcomes

Title
Perspective Drawing

Tags
208759, 0, 1

Learning Outcome
Students will be able to use perspective drawing to draw believable, dimensional objects in a scene.

Title
Visual Storytelling

Tags
208760, 0, 2

Learning Outcome
Students will be able to compose visual elements in a frame with the purpose of telling a story.

Title
Camera Angles

Tags
208761, 0, 3

Learning Outcome
Students will be able to use camera position and the sequence of camera shots to tell a simple story.

DESAN 102 - Drawing Fundamentals

Course Information

Course Number
102

Teaching Area
DESAN

Course Title
Drawing Fundamentals

Course Description
Foundational skills of drawing structure and form.

Department
Design

When Taught
Winter and Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESAN 101 - Intro to Animation

Other Prerequisites
Animation pre-BFA status required.

Learning Outcomes

Title
Foundational Drawing

Tags
213597, 0, 1, 2023-08-29 08:36:53

Learning Outcome
Students will learn to draw structurally and from observation in a variety of contexts, including drawing from a figure, drawing in perspective, and drawing organic objects. Students will be able to break forms down to volumes and represent the relationships between those volumes on the page in believable ways.

DESAN 250R - Gesture Drawing for Animators

Course Information

Teaching Area (new)
DESAN

Course Number
250R

Teaching Area
DESAN

Course Title
Gesture Drawing for Animators

Course Description
Drawing human and animal forms in motion.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 102 - Drawing Fundamentals

Other Prerequisites
Animation BFA acceptance only.

Learning Outcomes

Title
Exaggeration

Tags
187199, 1

Learning Outcome
Students will be able to apply thoughtful and deliberate exaggeration of design elements, proportions, and gestures while drawing the human figure.

Title
Human Movement Rhythms

Tags
187200, 2

Learning Outcome
Students will be able to analyze and identify the rhythms of the human body and relate each part to the whole figure in design and storytelling.

Title
Human Figure Sketching

Tags
187201, 3

Learning Outcome
Students will be able to competently and quickly draw the human figure from life.

Title
Simplified Human Form

Tags
187202, 4

Learning Outcome
Students will be able to simplify a figure down to essential details, achieving clarity in form and pose.

DESAN 260 - Basic Storyboarding

Course Information

Teaching Area (new)
DESAN

Course Number
260

Teaching Area
DESAN

Course Title
Basic Storyboarding

Course Description
Introduction to visual storytelling and storyboarding in a collaborative setting.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Animation BFA majors only.

Learning Outcomes

Title
Individual Artistic and Critical Voice

Tags
106323, 1

Learning Outcome
Students will be able to identify their individual artistic and critical voice in terms of animation storytelling, apply their knowledge of the history of the art form, and assess their own and others' work.

Title
Personal Artistic and Technical Skills

Tags
106324, 2

Learning Outcome
Students will be able to demonstrate strong artistic and technical skills, including drawing and storytelling, through the production of an animated product, including creating storyboards.

Title
Community Contribution

Tags
106325, 3

Learning Outcome
Students will be able to contribute and collaborate within an artistic community or team by actively participating in the development of two storyboarding projects.

DESAN 262 - Animation 1

Course Information

Teaching Area (new)
DESAN

Course Number
262

Teaching Area
DESAN

Course Title
Animation 1

Course Description
Beginning three-dimensional animation with emphasis on the fundamental principles of timing, acting, performance, and overlapping action.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Animation BFA majors only.

Learning Outcomes

Title
Basic Body Language

Learning Outcome
Students will be able to analyze and apply basic body language to full-body animated scenes.

Title
12 Principles of Animation

Learning Outcome
Students will be able to identify and implement the twelve principles of animation, including timing, staging, anticipation, and overlapping action, to a greater degree of depth.

Title
Action Analysis and Troubleshooting

Learning Outcome
Students will be able to explore basic action analysis and troubleshooting for an animation and apply their discoveries to action-based character animation.

DESAN 265 - Visual Development

Course Information

Teaching Area (new)
DESAN

Course Number
265

Teaching Area
DESAN

Course Title
Visual Development

Course Description
Fundamental skills of animation artists including design, composition, staging, value and color.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESAN 102 - Drawing Fundamentals

Other Prerequisites
Animation BFA majors only.

DESAN 275 - Technical Drawing

Course Information

Course Number
275

Teaching Area
DESAN

Course Title
Technical Drawing

Course Description
Using traditional methods to draw using perspective.

Department
Design

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESAN 102 - Drawing Fundamentals

Other Prerequisites
Animation BFA majors only

Learning Outcomes

Title
Perspective Drawing

Tags
213605, 0, 1, 2023-08-29 08:37:11

Learning Outcome
Students will be able to draw and design complex scenes in perspective to a high level of detail.

Title
2D Drawing Environments

Tags
213606, 0, 2, 2023-08-29 08:37:12

Learning Outcome
Students will be able to draw architecture, organic environment elements, and vehicles. Students will be able to create 2D layout drawings.

DESAN 282 - Animation 2

Course Information

Course Number
282

Teaching Area
DESAN

Course Title
Animation 2

Course Description
Animating believable 3D characters showing weight and balance.

Department
Design

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisite Reqirement

Type
Prerequisite

Complete ALL of the following Courses:
- DESAN 262 - Animation 1

Learning Outcomes

Title
3D Animation

Learning Outcome
Students will be able to create complex animations focusing on character personalities, acting, and physical forces. They will be able to animate interactions between character and objects and apply the 12 principles of animation at a higher level.

Title
Observation

Learning Outcome
Students will be able to observe the effect of personality, weight, and force in movement and articulate those qualities in their animation, especially where those components relate to interactions within the scene.

Title
Hard Work and Life Balance

Learning Outcome
Students will be able to work hard but intelligently, being thoughtful about where to place that effort. Students will also be better able to balance other important aspects of life with the demands of animation.

Title
Collaboration and Feedback

Learning Outcome
Students will be able to give and accept feedback humbly and make the necessary adjustments with confidence.

DESAN 350 - Advanced Gesture Drawing

Course Information

Course Number
350

Teaching Area
DESAN

Course Title
Advanced Gesture Drawing

Course Description
Strengthen storytelling in observational drawing with humans and creatures.

Department
Design

When Taught
Spring Term

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Pre-req Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- DESAN 250R - Gesture Drawing for Animators

Other Prerequisites
Animation & Illustration BFA majors only.

Learning Outcomes

Title
Observation

Learning Outcome
Students will be able to perceive and communicate what makes a pose alive, kinetic, and filled with attitude.

Title
Drawing quickly

Learning Outcome
Students will be able to quickly draw what makes a scene distinctive using shorthands for different character types.

Title
Exaggeration and storytelling

Learning Outcome
Students will be able to draw exaggerated gestures using design, structure, and detail to enhance and clarify storytelling.

Title
Animation

Learning Outcome
Students will be able to apply the principles of animation to individual drawings to create the illusion of life.

DESAN 352 - Animation 3

Course Information

Teaching Area (new)
DESAN

Course Number
352

Teaching Area
DESAN

Course Title
Animation 3

Course Description
Intermediate character animation and production.

Department
Design

When Taught
Spring Term

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 262 - Animation 1
  AND DESAN 282 - Animation 2

Note
Course changed to CSAnm 350 beginning Fall 2012.

DESAN 359 - Video Game Pre-Production

Course Information

Course Number
359

Teaching Area
DESAN

Course Title
Video Game Pre-Production

Course Description
Develop video game ideas

Department
Design

When Taught
Spring Term

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:
- CSANM 354 - Materials and Surfacing
  OR CSANM 342 - Real-time Techniques
  OR DESAN 260 - Basic Storyboarding

Learning Outcomes

Title
Video Game Development

Tags
213608, 0, 1, 2023-08-29 08:37:16

Learning Outcome
Students will either be able to develop early concept art for a video game, or develop game design prototypes for a video game, in a production environment. "

DESAN 360R - Advanced Storyboarding

Course Information

Teaching Area (new)
DESAN

Course Number
360R

Teaching Area
DESAN

Course Title
Advanced Storyboarding

Course Description
Exploring the professional practices of storyboard artists in advertising, film, TV, and animation through individual and group projects.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESAN 250R - Gesture Drawing for Animators
  AND DESAN 260 - Basic Storyboarding
  AND DESAN 265 - Visual Development

Learning Outcomes

Title
Storyboarding for Advertising, TV, Feature Animation, and Live Action

Tags
187203, 2

Learning Outcome
Students will be able to differentiate between storyboarding for advertising, television, feature animation, and live action film.

Title
Storyboards to Animatics

Tags
187204, 1

Learning Outcome
Students will be able to successfully convert their storyboards into presentable animatics.

Title
Storyboard Artist Skills

Tags
187205, 3

Learning Outcome
Students will be able to exercise fundamental skills and knowledge required to succeed as a storyboard artist in the entertainment industry.

Title
Story Pitching

Tags
187206, 4

Learning Outcome
Students will be able to successfully present their ideas based on the art of the story pitch.

DESAN 361R - Character Design

Course Information

Teaching Area (new)
DESAN

Course Number
361R

Teaching Area
DESAN

Course Title
Character Design

Course Description
Design characters for various uses in animation and print.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 250R - Gesture Drawing for Animators

Other Prerequisites
Animation BFA acceptance.

Learning Outcomes

Title
Character Design and Visual Developmen

Tags
187213, 1

Learning Outcome
Students will be able to identify advanced design principles and apply them by designing characters, props, and environments that are appealing to target audiences and suited to the needs of a given animated project

Title
Story and Character

Tags
187214, 2

Learning Outcome
Students will be able to construct compelling visual stories across a wide variety of character types and objects. Students will be able to develop character stories that inform their design decisions.

Title
Abstraction and Caricature

Tags
187215, 3

Learning Outcome
Students will be able to apply rules of abstraction and caricature in the appropriate proportions for a given character and project.

Title
Technique and Design

Tags
187216, 4

Learning Outcome
Students will be able to implement drawing, inking, and basic color techniques necessary for making designs presentable and interesting for art directors.

Title
Style

Tags
187217, 5

Learning Outcome
Students will be able to shift their drawing style as necessary and show how to balance design principles when creating new styles.

Title
Critique

Tags
187218, 6

Learning Outcome
Students will be able to differentiate between the various styles of critique and will be able to give and receive feedback using principles of good critique.

Title
Visual Development as a Professional

Tags
187219, 7

Learning Outcome
Students will be able to face the emotional and ethical challenges of visual development work in the animation industry with good attitudes and behaviors.

DESAN 362R - Animation 4

Course Information

Teaching Area (new)
DESAN

Course Number
362R

Teaching Area
DESAN

Course Title
Animation 4

Course Description
Advanced character and performance animation and scene direction.

Department
Design

When Taught
Fall

Credit Hours

Min:
0

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 262 - Animation 1
  AND DESAN 352 - Animation 3
  AND DESAN 282 - Animation 2

Other Prerequisites
Animation BFA majors only.

DESAN 363R - Experimental Animation and Production

Course Information

Teaching Area (new)
DESAN

Course Number
363R

Teaching Area
DESAN

Course Title
Experimental Animation and Production

Course Description
Develop basic knowledge of two-dimensional animation; emphasizing acting and performance of individual projects.

Department
Design

When Taught
Spring Term

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 250R - Gesture Drawing for Animators
  AND DESAN 260 - Basic Storyboarding
  AND DESAN 262 - Animation 1

Learning Outcomes

Tags
213609, 0, 1, 2023-08-29 08:37:25

Learning Outcome
Students will be able to experiment with simplified techniques in the creation of animated shorts.

Tags
213610, 0, 2, 2023-08-29 08:37:27

Learning Outcome
Students will learn the value of experimental animation and have an expanded personal sense of aesthetic and design concept.

DESAN 364R - Digital Sculpting

Course Information

Teaching Area (new)
DESAN

Course Number
364R

Teaching Area
DESAN

Course Title
Digital Sculpting

Course Description
Developing skills necessary for creating appealing, viable digital models. Issues involved in designing for the animation and gaming industry.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CSANM 250 - Intermediate Three-Dimensional Computer Graphics
  AND DESAN 250R - Gesture Drawing for Animators

Recommended
DesAn 361R

Learning Outcomes

Title
Sculpting Software

Tags
187224, 1

Learning Outcome
Students will be able to model and apply surfaces to characters and objects in 3-D sculpting software.

Title
Three-Dimensional Design

Tags
187225, 2

Learning Outcome
Students will be able to respond to issues that are unique to three-dimensional design and develop appealing solutions for those problems.

Title
The Illusion of Life

Tags
187226, 3

Learning Outcome
Students will be able to implement all applicable principles of animation to give their static models the illusion of life.

DESAN 365R - Digital Painting

Course Information

Teaching Area (new)
DESAN

Course Number
365R

Teaching Area
DESAN

Course Title
Digital Painting

Course Description
Tools and techniques of digital painting for concept design in the entertainment industry.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESAN 265 - Visual Development

Other Prerequisites
Animation and Illustration BFA majors only.

Learning Outcomes

Title
Aligning with Art Direction

Tags
187227, 1

Learning Outcome
Students will be able to create professional-quality digital paintings customized to the demands of an art director with a focus on animation industry design work.

Title
Software and Painting Skills

Tags
187228, 2

Learning Outcome
Students will be able to use digital painting programs but learn principles of painting that can be applied regardless of software, including lighting and painting a scene when reference is unavailable, using rules of color and value composition to guide audience experience, and other applicable skills.

Title
Group and Personal Skills

Tags
187229, 3

Learning Outcome
Students will be able to work collaboratively with groups and take positive action from critiques by peers and directors through practicing the type of openness and humility necessary to resolve complex problems on a project.

DESAN 394R - Special Topics

Course Information

Teaching Area (new)
DESAN

Course Number
394R

Teaching Area
DESAN

Course Title
Special Topics

Course Description
Advanced studio course offering project-based, interdisciplinary study of a specialized design topic.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Animation BFA acceptance or instructor's consent.

Fee
150

Note
Fee. Contact instructor for permission to add code.

Learning Outcomes

Title
Special Projects

Tags
187230, 1

Learning Outcome
Students will be able to work independently with a faculty mentor to develop a personal animated project for their professional portfolios.

DESAN 397R - Pitching for Film & Games

Course Information

Course Number
397R

Teaching Area
DESAN

Course Title
Pitching for Film & Games

Course Description
Develop and pitch story structures and video game ideas to a group.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Pitching Stories

Tags
213611, 0, 1, 2023-08-29 08:37:32

Learning Outcome
Students will be able to write and present game and film pitches in front of an audience.

Title
Idea Development

Tags
213612, 0, 2, 2023-08-29 08:37:34

Learning Outcome
Students will be able to find the core of an idea and improve the idea around that core. Students will be able to recognize the difference between an idea that works compared to one that creates problems with scope, character needs, story structure, or focus.

DESAN 450 - Advanced Life Drawing

Course Information

Course Number
450

Teaching Area
DESAN

Course Title
Advanced Life Drawing

Course Description
Drawing the human figure through gesture and observation.

Department
Design

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESAN 250R - Gesture Drawing for Animators

Learning Outcomes

Title
Observation

Tags
213613, 0, 1, 2023-08-29 08:37:35

Learning Outcome
Students will be able to perceive and communicate what makes a pose alive, kinetic, and filled with attitude.

Title
Drawing quickly

Tags
213614, 0, 2, 2023-08-29 08:37:37

Learning Outcome
Students will be able to quickly draw what makes a scene distinctive using shorthands for different character types.

Title
Exaggeration and storytelling

Learning Outcome
Students will be able to draw exaggerated gestures using design, structure, and detail to enhance and clarify storytelling.

Title
Animation

Learning Outcome
Students will be able to apply the principles of animation to individual drawings to create the illusion of life.

DESAN 460 - Business and Ethics in Animation

Course Information

Teaching Area (new)
DESAN

Course Number
460

Teaching Area
DESAN

Course Title
Business and Ethics in Animation

Course Description
Learning the practical and ethical side to the entertainment industry through readings and discussions as preparation for expectations as artists, leaders, and members of the Church.

Department
Design

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance to animation program.

Learning Outcomes

Title
Practices and Ethics in Industry

Tags
106343, 1

Learning Outcome
Students will be able to demonstrate a working knowledge of various aspects of the entertainment industry including unions, locations, work hours, commutes, leadership, and so forth and apply this knowledge to their respective interests in entertainment.

DESAN 462 - Capstone: Animation Analysis

Course Information

Course Number
462

Teaching Area
DESAN

Course Title
Capstone: Animation Analysis

Course Description
Review of current work for the capstone projects

Department
Design

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Other Prerequisites
Animation & Illustration BFA majors only.

Learning Outcomes

Title
Animation Critique

Tags
213615, 0, 1, 2023-08-29 08:37:40

Learning Outcome
Students will present their work-in-progress animations weekly for review and critique and learn how to analyze their own work and make revisions.

DESAN 480 - Storyboard Portfolio

Course Information

Course Number
480

Teaching Area
DESAN

Course Title
Storyboard Portfolio

Course Description
This is an advanced course focused on mentoring students on their storyboarding and preparing their portfolio for the industry. Students will work and create a storyboard portfolio to be able to pitch story ideas to prepare for graduation.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Animation BFA majors only

Learning Outcomes

Title
Portfolio-building

Learning Outcome
Students will be able to create portfolio-ready story boards and animatics.

Title
Story Pitching

Learning Outcome
Students will be able to present story ideas using the art of the story pitch.

Title
Storyboard Industry Practice

Learning Outcome
Students will use the advanced story thinking and practices required to succeed as a storyboard artist in the entertainment industry.

DESAN 486R - Developing Intellectual Properties in Animation

Course Information

Teaching Area (new)
DESAN

Course Number
486R

Teaching Area
DESAN

Course Title
Developing Intellectual Properties in Animation

Course Description
The process of developing a marketable intellectual property within the animation industry. Examining industry constraints, marketing, and how story and visual design relate to an intellectual property. Introduction to the iterative development process from the early stages of development, through pre-production to presentation. Industry demands related to quality, longevity and creativity will be explored.

Department
Design

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Animation majors only, or instructor's consent.

Learning Outcomes

Title
Designing Intellectual Property

Tags
208762, 0, 1

Learning Outcome
Students will gain experience designing for specific criteria within an intellectual property.

Title
Idea Development

Tags
208763, 0, 2

Learning Outcome
Students will learn to use both collaborative and individual methods of idea development as they weave complex ideas together.

Title
Presentation

Tags
208764, 0, 3

Learning Outcome
Students will learn how to present intellectual property ideas to reviewers.

Title
Development of Intellectual Property

Tags
208765, 0, 4

Learning Outcome
Students will learn the process and considerations inherent in creating intellectual properties within the animation industries.

DESAN496R - Film Pre-Production

Course Information

Course Number
496R

Teaching Area
DESAN

Course Title
Film Pre-Production

Course Description
Develop short film story ideas

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESAN 260 - Basic Storyboarding
  AND DESAN 363R - Experimental Animation and Production

Other Prerequisites
Animation & Illustration BFA majors only.

Learning Outcomes

Title
Film Development

Tags
213616, 0, 1, 2023-08-29 08:37:45

DESAN 497R - BFA Independent Film Production

Course Information

Teaching Area (new)
DESAN

Course Number
497R

Teaching Area
DESAN

Course Title
BFA Independent Film Production

Course Description
Advanced individual animation project with minimum guidance, showing a high degree of competence.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Contact instructor for permission-to-add code.

Learning Outcomes

Title
Directed Study

Tags
187231, 1

Learning Outcome
Students will be able to work either collaboratively with a faculty mentor to develop the story on a student group-directed animated project or individually to create their own project under faculty direction.

DESAN 498R - Directed Studies in Animation

Course Information

Teaching Area (new)
DESAN

Course Number
498R

Teaching Area
DESAN

Course Title
Directed Studies in Animation

Course Description
Credit for work experience in animation.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
BFA advisor's consent.

Note
Permission to add code required; contact instructor.

Learning Outcomes

Title
Directed Study

Tags
187232, 1

Learning Outcome
Students will be able to work collaboratively with a faculty mentor to do visual development work on a student group-directed animated project, or individually to create their own project under faculty direction.

DESGD 145 - Design 1

Course Information

Teaching Area (new)
DESGD

Course Number
145

Teaching Area
DESGD

Course Title
Design 1

Course Description
Students will develop skill in drawing as a method of visual problem solving, and in composition through the application of design principles. Concepts, terminology, and processes necessary to communicate visual ideas.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Pre-graphic design or design major, or advertising design minor.

Fee
25

Note
Fee.

Learning Outcomes

Title
Drawing Methods, Media, and Process

Tags
187308, 1

Learning Outcome
Students will apply methods, processes, skills and techniques for compositional sketches ("thumbnails"), observational studies, design ideation, and imaginative conceptualization.

Title
Visual Perception, Aesthetics, and Craft

Tags
187309, 2

Learning Outcome
Students will demonstrate an enhanced visual perception, aesthetic sensitivity, craftsmanship, and fluency in drawing media.

Title
Design Thinking

Tags
187310, 3

Learning Outcome
Students will apply creative, analytical, and critical thinking to solve visual problems through the design process.

Title
Visual Vocabulary

Tags
187311, 4

Learning Outcome
Students will express, analyze, and discuss visual ideas using language that demonstrates understanding of visual concepts and terms as well as appreciate the central role of visual communication and ideas in creative design.

Title
Design Theory and Practice

Tags
187312, 5

Learning Outcome
Students will demonstrate fluency in fundamentals of two-dimensional design theory by applying design principles in compositional exercises, including unity, variety, balance, emphasis, rhythm etc.

Title
Color Theory and Application

Tags
187313, 6

Learning Outcome
Students will demonstrate understanding of color theory in compositions, showing fluency in using color to denote ideas, culture, mood, and emotion.

Title
Design Aesthetics and Presentation

Tags
187314, 7

Learning Outcome
Students will exhibit good organization, craftsmanship, presentation and taste in design exercises, projects, and assignments.

DESGD 243 - Typography 1

Course Information

Teaching Area (new)
DESGD

Course Number
243

Teaching Area
DESGD

Course Title
Typography 1

Course Description
Studio course which familiarizes the student with the history, terminology, elements, and principles of effective typographic communication.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- DESGD 145 - Design 1
  OR DESIL 101 - Drawing and Composition
  OR DESPX 115 - Product & User Experience Design 1

Other Prerequisites

Accepted Graphic Design pre-majors, Illustration BFA majors, Advertising Design minors, or instructor's consent.

Learning Outcomes

Title
History of Type

Tags
106866, 0

Learning Outcome
Students will be able to have a deeper understanding of the evolution of typography from early printing methods through current digital typography.

Title
Type Nomenclature

Tags
106867, 1

Learning Outcome
Students will be able to understand and implement typographic terminology, classification, and anatomy.

Title
The Aesthetics of Typography

Tags
106868, 2

Learning Outcome
Students will be able to effectively compose type using fundamental aesthetic principles and skills.

Title
Processes in Typography

Tags
106869, 3

Learning Outcome
Students will be able to understand typographic production processes and technologies and output type for multiple mediums.

Title
Communicating with Type

Tags
106870, 4

Learning Outcome
Students will be able to analyze relationships between typography and effective communication, including understanding its effect on mood, the creation of typographic personality, and its use in appealing to a defined target market.

Title
Typographic Emphasis

Tags
106871, 5

Learning Outcome
Students will be able to understand the importance of hierarchy and emphasis within typography.

Title
Typographic Systems

Tags
106872, 6

Learning Outcome
Students will be able to design and implement a complex, elegant, typographic grid system.

DESGD 245 - Design 2

Course Information

Teaching Area (new)
DESGD

Course Number
245

Teaching Area
DESGD

Course Title
Design 2

Course Description
Study the elements and principles of design through the use of form, visual principles, theoretical and visual experimentation, concept development, and creative thinking. Systems, symbols, icons and expressive typography will be used to visually represent ideas and messages.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- DESGD 145 - Design 1
  OR DESPX 115 - Product & User Experience Design 1

Other Prerequisites
Accepted graphic design pre-majors, Advertising Design minors, or instructor permission.

Fee
50

Note
Fee.

Learning Outcomes

Title
The Design Process

Tags
106873, 1

Learning Outcome
Students will be able to understand and implement the design process.

Title
Principles and Elements of Design

Tags
106874, 1

Learning Outcome
Students will be able to analyze and implement the principles and elements of design (such as balance, contrast, shape, etc.) and their relationship to graphic design.

Title
Composition, Color, Effective Use of Type, Photography

Tags
106875, 2

Learning Outcome
Students will be able to utilize principles and skills in special areas such as composition, color, appropriate use of photography and illustration, and the effective use of text type.

Title
Communication Mediums

Tags
106876, 3

Learning Outcome
Students will be able to understand the graphic designer's role in working with various communication mediums, including print, broadcast, and digital media.

Title
Basic Printing Processes

Tags
106877, 4

Learning Outcome
Students will be able to identify and understand basic printing processes and the benefits and restrictions of each.

Title
Paper and Printing Choices

Tags
106878, 5

Learning Outcome
Students will be able to understand the impact of paper and printing choices on the environment.

Title
Graphic Design Market and Careers

Tags
106879, 6

Learning Outcome
Students will be able to understand the market and careers of graphic design.

DESGD 248R - Letterpress Studio

Course Information

Teaching Area (new)
DESGD

Course Number
248R

Teaching Area
DESGD

Course Title
Letterpress Studio

Course Description
Letterpress Studio introduces the history, type, and terminology of letterpress and gives student experience with the equipment, materials, and mechanics of printing.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Design majors only.

Fee
150

Note
Fee.

Learning Outcomes

Title
Printing Processes

Tags
106880, 1

Learning Outcome
Students will be able to carry out fundamental processes used in letterpress printing while producing printed projects in the studio.

Title
Press Production and Operation

Tags
106881, 2

Learning Outcome
Students will be able to learn the fundamentals of operating flatbed proofing presses, clamshell presses, and creating photopolymer plates.

Title
Handset Type

Tags
106882, 3

Learning Outcome
Students will be able to proficiently implement the historical art of setting and using cold metal type in letterpress work.

DESGD 260 - Interface & Usability

Course Information

Teaching Area (new)
DESGD

Course Number
260

Teaching Area
DESGD

Course Title
Interface & Usability

Course Description
Introduction to the process and methodology of designing across multiple media types. An introduction to designing interactive experiences.

Department
Design

When Taught
Winter and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 145 - Design 1

Other Prerequisites
Accepted graphic design pre-majors or instructor permission.

Learning Outcomes

Title
Design Across Media

Tags
213618, 0, 2, 2023-08-29 08:37:53

Learning Outcome
Students will be able to apply fundamental design principles to digital media design problems

Title
Plan and Execute Designs

Tags
213619, 0, 3, 2023-08-29 08:37:54

Learning Outcome
Students will be able to plan digital media projects and learn to independently solve technology and production problems

DESGD 340 - Branding 1

Course Information

Teaching Area (new)
DESGD

Course Number
340

Teaching Area
DESGD

Course Title
Branding 1

Course Description
Studio course in which students develop strategic, integrated brand systems, including trademarks, logos, corporate identity systems and their applications to a diverse range of products and media.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 243 - Typography 1
  AND DESGD 245 - Design 2
  AND DESGD 260 - Interface & Usability

Other Prerequisites
Graphic Design BFA acceptance.

Learning Outcomes

Title
Brand & Corporate Identity Process

Tags
106887, 0

Learning Outcome
Students will be able to analyze and deconstruct visual corporate identities and brands.

Title
Nomenclature

Tags
106888, 1

Learning Outcome
Students will be able to understand and use the terminology of branding and corporate identity work.

Title
Strategy and Marketing

Tags
106890, 2

Learning Outcome
Students will be able to recognize how design strategy and market research inform branding, corporate identity, and creative implementation.

Title
Brand Creation

Tags
106891, 3

Learning Outcome
Students will be able to create corporate identity systems that successfully address the concerns of the marketplace, audience, and design aesthetics.

DESGD 341 - 3-Dimensional Design

Course Information

Teaching Area (new)
DESGD

Course Number
341

Teaching Area
DESGD

Course Title
3-Dimensional Design

Course Description
An advanced studio course in three-dimensional design. 3-dimensional forms including packaging, environmental graphics, signage systems, and experience design. Appropriate material use and selection relative to sustainability will be emphasized. The tactile qualities of dimensional form and the development of strategic, viable design solutions will also be considered.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
BFA acceptance or instructor consent.

Learning Outcomes

Title
Design in Multiple Formats

Tags
106893, 1

Learning Outcome
Students will be able to design in a variety of physical formats.

Title
3-Dimensional Design Process

Tags
106894, 1

Learning Outcome
Students will be able to learn the 3-dimensional design process.

Title
Product Marketing

Tags
106895, 2

Learning Outcome
Students will be able to position products for the marketplace.

DESGD 343 - Typography 2

Course Information

Teaching Area (new)
DESGD

Course Number
343

Teaching Area
DESGD

Course Title
Typography 2

Course Description
An advanced studio course that continues the study of complex typographic grid systems and their application to visual problem solving. Through a rigorous exploration of written and visual content, students refine their understanding of typography as an essential element in visual communication.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 243 - Typography 1

Other Prerequisites
Graphic Design BFA majors only.

Learning Outcomes

Title
Publication Design Fundamentals

Tags
106896, 0, 1, 2020-07-09 16:38:14

Learning Outcome
Students will be able to implement fundamental design principles such as pacing, structure, typographic solutions, editing, and photography.

Title
Grid in Publication Design

Tags
106897, 0, 1, 2020-07-09 16:38:14

Learning Outcome
Students will be able to understand the complexities of the grid in publication design.

Title
Magazine Branding

Tags
106898, 0, 2, 2020-07-09 16:38:14

Learning Outcome
Students will be able to create a brand for a magazine.

DESGD 346R - Practicum in Graphic Design

Course Information

Teaching Area (new)
DESGD

Course Number
346R

Teaching Area
DESGD

Course Title
Practicum in Graphic Design

Course Description
Studio course which emphasizes individual projects and portfolio refinement, research, conceptual thinking, typographic excellence, and the effective use of design principles.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 243 - Typography 1
  AND DESGD 245 - Design 2
  AND DESGD 260 - Interface & Usability

Other Prerequisites
Design majors only.

Learning Outcomes

Title
Personal Voice

Tags
106901, 1

Learning Outcome
Students will be able to identify and embrace their personal voice of expression.

Title
Knowledge of Design Principles

Tags
137414, 0

Learning Outcome
Students will be able to identify and embrace their personal voice of expression.

Title
Self-Promotion Materials

Tags
137415, 2

Learning Outcome
Students will be able to develop personalized promotional materials for entrance into the marketplace.

Title
Career Research

Tags
137654, 3

Learning Outcome
Students will be able to explore career opportunities in both in-house and studio environments.

Title
Knowledge of Design Principles

Tags
208777, 0, 1

Learning Outcome
Expand and deepen their knowledge of broad design principles.

Title
Personal Voice

Tags
208778, 0, 2

Learning Outcome
Develop a personal voice of expression.

Title
Self-Promo Materials

Tags
208779, 0, 3

Learning Outcome
Prepare personalized promotional materials for entrance into the marketplace.

Title
Career Research

Tags
208780, 0, 4

Learning Outcome
Research career opportunities in both in-house and studio environments.

DESGD 349 - History of Graphic Design

Course Information

Teaching Area (new)
DESGD

Course Number
349

Teaching Area
DESGD

Course Title
History of Graphic Design

Course Description
Survey of graphic design historical periods from pre-history to present day.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Design majors or instructor's permission only.

Note
Available to majors only until August 1. The course will be open to minors on August 2.

Learning Outcomes

Title
Incorporate Historical Design Knowledge

Tags
137417, 0

Learning Outcome
Students will be able to skillfully incorporate historical design cues into modern design problems and avoid repeating mistakes and ineffective ideas from the past.

Title
Visual Communication Solutions Throughout History

Tags
137419, 0

Learning Outcome
Students will be able to demonstrate an understanding of how designers from different historical eras resolved visual communication problems, including by communicating efficiently, working with clients, resolving the tension between innovation and the status quo, balancing commercial requirements with personal expression, and achieving economic viability while contributing something valuable to the world.

Title
Historical Contributions to Design

Tags
137420, 0

Learning Outcome
Students will be able to recognize the contributions and motivations of leaders in the field of graphic design and use that knowledge to become better citizens and contributors of the graphic design profession.

Title
Design Writing & Thinking

Tags
137421, 0

Learning Outcome
Students will be able to effectively write about graphic design, thinking, and communicating in a way that allows readers who are not designers to understand important concepts related to design.

DESGD 362 - Interactive Typographic Systems

Course Information

Teaching Area (new)
DESGD

Course Number
362

Teaching Area
DESGD

Course Title
Interactive Typographic Systems

Course Description
Introduces foundational interaction design principles and tools to prototype user-centered interfaces. Through team-based course work students gain user interface experience and work-flow best practices.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ALL of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- DESGD 260 - Interface & Usability
  OR DESPX 260 - Introduction to Digital Product Design

AND

Prerequisites

Complete ALL of the following Courses:

- DESGD 243 - Typography 1

Other Prerequisites
Graphic Design BFA, Product & User Experience Design BFA majors, and design majors, or instructor permission.

Learning Outcomes

Title
Responsive Grids & Typography

Learning Outcome
Students will be able to create responsive grids and complex typographic systems for multi-screen or multi-page content that adapt to variety of formats, de-vices, and screen sizes.

Title
Design Systems

Learning Outcome
Students will be able to create a cohesive and reusable system of components, colors, typography, and icons.

Title
Digital and Online Typography

Learning Outcome
Students will be able demonstrate understanding of digital and online typographic rules, defaults, customs, and technical requirements to create elegant, legi-ble, and functional typographic systems (including but not limited to understanding HTML and CSS as a building block for modern apps and websites).

Title
Documentation

Learning Outcome
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

Title
Faith, Form, and Format

Learning Outcome
Students will be able to identify and critically discuss how different forms and formats of media, especially typographic ones affect understanding and demand attention in all contexts, especially that of faith and devotion.

DESGD 380 - Motion Design

Course Information

Teaching Area (new)
DESGD

Course Number
380

Teaching Area
DESGD

Course Title
Motion Design

Course Description
Studio course instructing students in the art of design and communication with motion and sound. Design principles, editing, and narrative concepts are employed to create short motion design projects.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 280 - Motion Concepts

Other Prerequisites
Graphic Design BFA majors or instructor permission only.

Learning Outcomes

Tags
213624, 0, 1, 2023-08-29 08:38:16

Learning Outcome
Students will learn how to create a story and mood with movement and animation, and how to use editing to control the story.

Tags
213625, 0, 2, 2023-08-29 08:38:17

Learning Outcome
Students will learn how to design with time, 3D space, and sound.

Tags
213626, 0, 3, 2023-08-29 08:38:18

Learning Outcome
Students apply graphic design principles and narrative techniques to motion graphics projects, using After Effects and other methods.

Tags
213627, 0, 4, 2023-08-29 08:38:19

Learning Outcome
Students will acquire the necessary design and production skills to produce a compelling 30-second motion graphic piece.

Tags
213628, 0, 5, 2023-08-29 08:38:21

Learning Outcome
Students will develop essential written and oral communication skills to explain and defend your work.

DESGD 394R - Special Topics

Course Information

Teaching Area (new)
DESGD

Course Number
394R

Teaching Area
DESGD

Course Title
Special Topics

Course Description
Advanced studio course offering an in-depth study of a specialized design topic. Explores either a conceptual, practical, or technical requirement within the current discipline, or focuses on a particular project.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Design majors, Advertising Design minors or instructor permission only.

Note
Fee may apply.

Learning Outcomes

Title
Course outcomes

Tags
208776, 0, 1

Learning Outcome
Course outcomes are specific to each course section and are developed by the instructor and students.

DESGD 411R - Graphic Design Field Study

Course Information

Teaching Area (new)
DESGD

Course Number
411R

Teaching Area
DESGD

Course Title
Graphic Design Field Study

Course Description
On-location study of graphic design.

Department
Design

When Taught
Contact Department

Credit Hours

Fixed/Max:
0.5

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Directed Studies in Graphic Design

Tags
137469, 1

Learning Outcome
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

DESGD 440 - Branding 2

Course Information

Teaching Area (new)
DESGD

Course Number
440

Teaching Area
DESGD

Course Title
Branding 2

Course Description
Advanced studio course that provides an in-depth study of branding, culminating in the creation of integrated branding systems, brand audits and brand guidelines.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 340 - Branding 1

Other Prerequisites
Graphic Design BFA majors or instructor consent only.

Learning Outcomes

Title
Major Branding Project

Tags
207332, 0, 1

Learning Outcome
Students will be able to create a major branding project including a style guide/brand bible

Title
Minor Branding Project

Tags
137464, 0, 1

Learning Outcome
Students will be able to create a minor branding project for an existing company.

Title
Refining Magazine Project

Tags
137466, 0, 2

Learning Outcome
Students will be able to refine their magazine projects.

DESGD 441R - Design Lab

Course Information

Teaching Area (new)
DESGD

Course Number
441R

Teaching Area
DESGD

Course Title
Design Lab

Course Description
Students work in a collaborative, project-based learning environment.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Graphic Design BFA majors or instructor consent only.

Fee
50

Note
Fee.

Learning Outcomes

Title
Design Process

Tags
137426, 2

Learning Outcome
Students will be able to complete a design project from the ideation phase through final implementation.

Title
Design Presentation

Tags
137427, 3

Learning Outcome
Students will be able to prepare and present a comprehensive design presentation to an interested client or community.

Title
Project Management

Tags
137428, 4

Learning Outcome
Students will be able to successfully manage a large design project.

Title
Design Research, Strategy, and Implementation

Tags
137429, 5

Learning Outcome
Students will be able to synthesize design research, strategy, and creative implementation.

Title
Design Impact

Tags
137430, 6

Learning Outcome
Students will be able to understand the social and systemic impact of their projects and commit to working in sustainable ways.

Title
Collaboration

Tags
207331, 0, 1

Learning Outcome
Students will be able to collaborate as a member of a large, interdisciplinary design team.

DESGD 442 - Portfolio

Course Information

Teaching Area (new)
DESGD

Course Number
442

Teaching Area
DESGD

Course Title
Portfolio

Course Description
Individualized portfolio development to prepare student for entrance into professional practice or graduate school.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 362 - Interactive Typographic Systems
  AND DESGD 440 - Branding 2

Other Prerequisites
Graphic design BFA majors only.

Learning Outcomes

Title
Develop Self-Promotional Materials

Tags
54483, 0, 3

Learning Outcome
Students will be able to develop self-promotional and marketing pieces for gaining employment.

Title
Portfolio Communication & Presentation

Tags
212874, 0, 5

Learning Outcome
Students will be able to communicate effectively about their portfolio work orally and in writing.

Title
Effective Critique

Tags
212875, 0, 6

Learning Outcome
Students will demonstrate effective critiques of the visual and conceptual merits of their own and others' capstone projects and portfolios.

Title
Post-graduation strategy

Tags
212877, 0, 7

Learning Outcome
Students will be able to research and articulate post-graduation strategy effectively, demonstrating a clear understanding of the graphic design industry and academy across the region and nation.

Title
Create Comprehensive & Targeted Portfolios

Tags
137435, 0, 1

Learning Outcome
Students will assemble a comprehensive portfolio demonstrating design solutions created during their BFA major experience. Work should demonstrate mastery of program-level Graphic Design BFA learning outcomes.
Students will also compile a targeted professional portfolio that aligns with their post-graduation strategic goals.

Title
Plan & Complete Work Necessary for Final Portfolios

Tags
212876, 0, 2

Learning Outcome
Students will plan and complete the work necessary to assemble their comprehensive and targeted portfolios.
Students will create individualized work plans to meet their post-graduation strategic goals by carefully assessing their overall portfolio needs, strengths, and weaknesses. This plan will include the work outlined in the other learning outcomes.

DESGD 460 - Advanced Interaction Design

Course Information

Teaching Area (new)
DESGD

Course Number
460

Teaching Area
DESGD

Course Title
Advanced Interaction Design

Course Description
Explores how interaction design integrates both client/user needs to prototype holistic and appropriate experiences. Through team-based course work students gain an understanding of user experience design and workflow.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 362 - Interactive Typographic Systems

Other Prerequisites
Graphic Design BFA majors, or instructor consent only.

Learning Outcomes

Title
User-centered Design Methods

Tags
187238, 1

Learning Outcome
Students will be able to use design research methods to promote user empathy and to focus design efforts on user needs.

Title
Prototype Interface Interactions and Animations

Tags
187239, 2

Learning Outcome
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

Title
Optimize an Interface with User Testing

Tags
187240, 3

Learning Outcome
Students will be able to conduct usability tests to inform interface design decisions.

Title
Design Presentation

Tags
187317, 4

Learning Outcome
Students will be able to craft presentations of their work with compelling storytelling, clear visual organization, and persuasive language.

DESGD 488 - Studio Practices for Designers

Course Information

Teaching Area (new)
DESGD

Course Number
488

Teaching Area
DESGD

Course Title
Studio Practices for Designers

Course Description
Explore studio methods and practices common to the design profession.

Department
Design

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Graphic Design BFA majors only.

Learning Outcomes

Title
Design Marketing

Tags
137446, 1

Learning Outcome
Students will be able to understand the process of selling design, self-promotion, and the importance of building a network.

Title
Professional Practices

Tags
137447, 1

Learning Outcome
Students will be able to recognize that a successful, sustained career requires both the understanding and practice of sound professional practices.

Title
Project Estimating

Tags
137448, 2

Learning Outcome
Students will be able to implement the process of creating accurate estimates for design project costs.

Title
Starting a Design Business

Tags
137449, 3

Learning Outcome
Students will be aware of the legal and financial aspects of starting a design studio including business structures, licensing, tax implications, and legal liabilities.

Title
Freelance Design

Tags
137450, 4

Learning Outcome
Students will be able to understand the requirements of working as a freelance designer and will be prepared to effectively work in the current environment.

Title
Career Opportunities

Tags
137451, 5

Learning Outcome
Students will be able to compete in the design industry with appropriate job hunting, interviewing, and networking skills and be able to explore possible design career paths.

Title
Design Proposal & Contracts

Tags
137452, 6

Learning Outcome
Students will be able to create working proposals and contracts for the design marketplace.

Title
Intellectual Property

Tags
137453, 7

Learning Outcome
Students will be able to discern intellectual property laws that relate to design work and understand the implications of infringement, plagiarism, copyright, trademark, licensing, and the negotiation of reproduction rights.

Title
Design Ethics

Tags
137454, 8

Learning Outcome
Students will be able to identify the ethical issues facing designers and understand current professional models.

Title
Design Finances

Tags
137455, 9

Learning Outcome
Students will be able to understand the importance of adequate financial oversight in the design process and the fundamentals of bookkeeping, expense tracking, accounts receivables, and tax preparation.

DESGD 490 - BFA Capstone Project: Research

Course Information

Teaching Area (new)
DESGD

Course Number
490

Teaching Area
DESGD

Course Title
BFA Capstone Project: Research

Course Description
Students will develop personal research and design methods to aid in the completion of a capstone project of their choosing.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 390 - Design Theory and Visual Culture
  AND DESGD 349 - History of Graphic Design

Other Prerequisites
BFA acceptance.

Learning Outcomes

Title
Writing Analysis

Tags
209131, 0, 4

Learning Outcome
Students will demonstrate effective written analysis of their research, showing an ability to evaluate, compare, and interpret ideas.

Title
Writing Standards

Tags
209132, 0, 5

Learning Outcome
Students will demonstrate appropriate rhetorical, logical, and typographic academic standards in communicating their ideas in writing.

Title
Visual Iterations

Tags
209133, 0, 6

Learning Outcome
Students will design iterations of new visual concepts demonstrating analysis of their research.

Title
Presentation

Tags
209134, 0, 7

Learning Outcome
Students will be able to defend their research and design thinking in presentation form using compelling storytelling, clear visual organization, and persuasive language.

Title
Research Methods

Tags
208781, 0, 1

Learning Outcome
Students will demonstrate careful research, manifesting skill in identifing key scholarship and ideas related to a chosen topic.

Title
Design Thinking

Tags
187318, 0, 3

Learning Outcome
Students will demonstrate and document effective application methods of design thinking to their research and final project through various modes of forming, reforming, constructing, and deconstructing concepts.

Title
Design Implementation

Tags
209135, 0, 8

Learning Outcome
Students will visualize possible major visual projects that demonstrate synthesis and mastery of their research and establish a rhetorically compelling relationship between the content and format of their design.

DESGD 491R - Collaborative Design: Brand & Strategy

Course Information

Course Number
491R

Teaching Area
DESGD

Course Title
Collaborative Design: Brand & Strategy

Course Description
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains working toward a common goal. Every student in this class will gain rich experience in developing a brand and strategy for a real-world product or business creation.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Other Prerequisites
Admission to BFA or instructor approval

Recommended
Students will be collaborating with teams from various majors. Students may consider taking DESGD

Learning Outcomes

Title
Teamwork

Tags
213632, 0, 1, 2023-08-29 08:38:39

Learning Outcome
Students will effectively leverage cross-discipline team product work.

Title
Strategic design choice

Tags
213633, 0, 2, 2023-08-29 08:38:41

Learning Outcome
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product or real business.

Title
Brand strategy & storytelling

Tags
213634, 0, 3, 2023-08-29 08:38:42

Learning Outcome
Students will develop, articulate, and pitch product strategy and brand storytelling as key elements of design decisions.

Title
Brand identity & design systems

Tags
213635, 0, 4, 2023-08-29 08:38:43

Learning Outcome
Students will be able to develop strategic brand identities with coordinated design systems.

DESGD 492 - Collaborative UX Design: Research

Course Information

Course Number
492

Teaching Area
DESGD

Course Title
Collaborative UX Design: Research

Course Description
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains (designers, software engineers, and product managers) working toward a common goal. Every student in this class will gain a rich experience in real-world product creation.

Students are invited to think of themselves as more than designers but as co-founders, not just students but entrepreneurs. For you and your teams, collaboration should not be limited to each member's own domain of expertise and should compound your team members' strengths through frequent collaboration, iteration, and validation.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- DESGD 362 - Interactive Typographic Systems
  AND DESPX 489 - Collaborative UX Design: Discovery (Inactive)

Other Prerequisites
Graphic Design BFA majors only, or instructors consent only.

Learning Outcomes

Title
Teamwork

Learning Outcome
Students will effectively leverage cross-discipline teamproduct work.

Title
Design & Code

Learning Outcome
Students will demonstrate an ability to create workthat achieves strategic needs and works withinfunctional coded product.

Title
User research & usability testing

Learning Outcome
Students will be able to use research and testingmethodologies to validate strategy and empathize withand address user needs.

Title
Students will be able to use prototyping tools to clarifyinteractions and animations that enhance the userexperience.

Learning Outcome
Prototyping

DESGD 497 - BFA Capstone Project: Implementation

Course Information

Teaching Area (new)
DESGD

Course Number
497

Teaching Area
DESGD

Course Title
BFA Capstone Project: Implementation

Course Description
Students complete an intensive project on a topic of their choosing which includes developing personal research and design methods, a project implementation, and a public exhibition.

Department
Design

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESGD 490 - BFA Capstone Project: Research

Other Prerequisites
BFA advisor's consent

Learning Outcomes

Title
Exhibition

Tags
210888, 0, 2

Learning Outcome
Students will plan and exhibit their capstone project in public in a gallery or via an online platform.

Title
Documentation

Tags
210889, 0, 3

Learning Outcome
Students will effectively and artfully document their exhibition, design process, written thesis, and research.

Title
Project

Tags
210887, 0, 1

Learning Outcome
Students will design a major visual project that demonstrate synthesis and mastery of their research and establish a rhetorically compelling relationship between the content and format of their design.

DESGD 498R - Directed Studies in Graphic Design

Course Information

Teaching Area (new)
DESGD

Course Number
498R

Teaching Area
DESGD

Course Title
Directed Studies in Graphic Design

Course Description
Credit for work experience in graphic design.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
BFA advisor's consent.

Learning Outcomes

Title
Mentor-Assisted Project

Tags
137470, 1

Learning Outcome
Students will be able to meet regularly with a professor or mentor throughout the course of the semester to complete a project of their own choosing.

DESIL 101 - Drawing and Composition

Course Information

Teaching Area (new)
DESIL

Course Number
101

Teaching Area
DESIL

Course Title
Drawing and Composition

Course Description
Drawing methods and practices combined with compositional foundations for visual communicators. Students will develop observation and conceptual drawing skills. Students will also develop visual problem solving, analytical thinking, and craftsmanship by applying design principles to compositional problems. Skills are developed through intensive practice, lecture, demonstration, and critique.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Pre-illustration and design majors or instructor consent only.

Fee
25

Note
Fee.

Learning Outcomes

Title
Drawing as Visual Language

Tags
187304, 1

Learning Outcome
Students will be able to understand the elements and principles of design as applied to drawing practice and understand the concepts and terminology necessary to discuss visual ideas in meaningful ways. Students will also be able to analyze representational modes of visual communication.

Title
Linear and Tonal Drawing Concepts

Tags
187305, 2

Learning Outcome
Students will be able to work from life in creating drawings that demonstrate a conceptual understanding of and practical proficiency in linear and tonal drawing methods. These include gesture, contour, sighting, and perspective construction, as well as an understanding of light to describe three-dimensional forms, surface materials, textures, and atmospheric effects.

Title
Design Theory and Practice

Tags
187306, 3

Learning Outcome
Students will be able to demonstrate fluency in two-dimensional design theory by working through the ideation and iterative process. Fundamental design principles will be applied in compositional exercises ("thumbnails") focusing on unity, variety, balance, emphasis, rhythm etc.

Title
Design Aesthetics and Presentation

Tags
187307, 4

Learning Outcome
Students will be able to exhibit enhanced visual perception, aesthetic sensitivity, good organization, craftsmanship, presentation and taste in design exercises, projects, and assignments.

DESIL 130 - Illustration Fundamentals

Course Information

Teaching Area (new)
DESIL

Course Number
130

Teaching Area
DESIL

Course Title
Illustration Fundamentals

Course Description
Illustrative concepts and problem solving with an overview of styles, techniques, methods, and materials.

Department
Design

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 101 - Drawing and Composition

Other Prerequisites
Illustration pre-BFA status or Design majors only.

DESIL 140 - Introduction to Digital Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
140

Teaching Area
DESIL

Course Title
Introduction to Digital Illustration

Course Description
Introduction to basic digital illustration and tools.

Department
Design

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 101 - Drawing and Composition

Other Prerequisites
Illustration pre-BFA status or Design majors only.

Learning Outcomes

Title
Research Paper and Presentation

Tags
54426, 7

Learning Outcome
Students become familiar with other digital illustration professionals and how the digital medium is used in their work through a student research paper project and class presentation,

Title
Digital Media Workflow

Tags
137476, 1

Learning Outcome
Students will be able to implement digital painting methods and techniques using professional 2D graphics software to create studies and original illustrations.

Title
Visual Production and Critique

Tags
137477, 2

Learning Outcome
Students will be able to produce creative visual solutions with ingenuity and imagination as well as develop a greater capacity for critiquing others' work and their own.

Title
Ethics of Digital Imagery

Tags
137478, 2

Learning Outcome
Students will be able to discuss and analyze the legal, ethical, and spiritual aspects of illustration in digital media and culture.

Title
Professional Design Processes

Tags
137479, 6

Learning Outcome
Students will be able to apply professional processes to the design and rendering of digital images.

DESIL 230 - Painting Fundamentals

Course Information

Teaching Area (new)
DESIL

Course Number
230

Teaching Area
DESIL

Course Title
Painting Fundamentals

Course Description
Narrative illustration problems emphasizing academic study of the human figure using various media.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 130 - Illustration Fundamentals

Other Prerequisites
Illustration BFA majors only.

Fee
35

Note
Fee.

DESIL 240 - Intermediate Digital Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
240

Teaching Area
DESIL

Course Title
Intermediate Digital Illustration

Course Description
Intermediate problems in digital media.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 140 - Introduction to Digital Illustration

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Title
Illustration Process

Tags
137487, 1

Learning Outcome
Students will be able to utilize effective processes for developing studies and digital illustrations and demonstrate creative solutions for visual problems.

Title
Digital Media Workflow

Tags
137488, 1

Learning Outcome
Students will be able to create original illustrations using digital painting methods and techniques of professional 2D graphics software.

Title
Design Theory and Practice

Tags
137489, 2

Learning Outcome
Students will be able to synthesize and apply design principles including drawing, value, composition, color, and texture, and perspective.

Title
Professional Application

Tags
137490, 3

Learning Outcome
Students will have a greater understanding of professional practices, market applications, and careers in digital illustration.

Title
Ethics of Digital Imagery

Tags
137491, 4

DESIL 243 - Typography 1

Course Information

Course Number
243

Teaching Area
DESIL

Course Title
Typography 1

Course Description
Studio course which familiarizes the student with the history, terminology, elements, and principles of effective typographic communication.

Department
Design

When Taught
Fall, Winter, and Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Title
1. Perceive and compose with typographic forms in both found and designed contexts.

Learning Outcome
Students will be able to recognize typographic patterns and relationships in everyday environments, create compelling visual compositions from found typography, and translate these observational skills into intentional design decisions that demonstrate understanding of form, color, rhythm, and thematic coherence.

Title
2. Understand typography's history and cultural power to design with discernment.

Learning Outcome
Students will be able to trace how typography has evolved from metal type to digital fonts, recognize how type both reflects and shapes culture, and make design choices that communicate truth and promote goodness.

Title
3. Design typographic systems that make communication clear and accessible.

Learning Outcome
Students will be able to create purposeful typographic designs—from single pages to multi-page magazines—using hierarchy, spacing, grids, alignment, and gestalt principles to make information easier to understand and use.

Title
4. Create original letterforms with conceptual purpose.

Learning Outcome
Students will be able to design custom letters or adapt existing typefaces to express a clear visual idea, demonstrating skillful construction and the ability to explain design decisions honestly and clearly.

Title
5. Master typographic terminology and communicate professionally.

Learning Outcome
Students will be able to use correct typographic vocabulary—including letterform anatomy and type classification—to discuss design decisions precisely and collaborate effectively with other designers.

Title
6. Engage in reflective practice and recognize design as service.

Learning Outcome
Students will be able to present design work persuasively, give and receive constructive criticism with humility and grace, acknowledge sources honestly, and develop sensitivity to how typography can serve or harm—making messages more accessible and humane or creating barriers and confusion.

DESIL 250 - Intermediate Life Drawing

Course Information

Teaching Area (new)
DESIL

Course Number
250

Teaching Area
DESIL

Course Title
Intermediate Life Drawing

Course Description
Drawing the classic figure from gesture to finished rendering, emphasizing structure, anatomy, form, and medium.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 150 - Introduction to Life Drawing

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Title
Skeletal and Muscular Landmarks

Tags
137480, 0

Learning Outcome
Students will be able to draw the skeletal structure and identify major muscle landmarks from reference and memory as well as have a deeper understanding of anatomy.

Title
Tools and Procedures

Tags
137481, 0

Learning Outcome
Students will be able to implement knowledge of tools and procedures used in successful life drawing, including proportion, gesture, balance, foreshortened perspective, composition, drapery, and a high degree of 3-dimensional structure through light and shadow (folds).

Title
Media Specialization

Tags
137482, 1

Learning Outcome
Students will be able to proficiently implement into their drawings at least one of the illustration mediums emphasized (nupastel, charcoal, conte crayon, graphite).

DESIL 263 - Narrative Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
263

Teaching Area
DESIL

Course Title
Narrative Illustration

Course Description
Narrative problem solving through the use of character, mood, and environment to tell a story or develop a conceptual idea. Study of media, aesthetic principles, and classic story models.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 130 - Illustration Fundamentals
  AND DESIL 140 - Introduction to Digital Illustration

Other Prerequisites
Illustration BFA acceptance only.

Learning Outcomes

Tags
213636, 0, 1, 2023-08-29 08:38:55

Learning Outcome
Students will be able to create marketable illustrations in concept, rough sketches, color comps, and finished art with an emphasis on effectively communicating story concept.

Tags
213637, 0, 2, 2023-08-29 08:38:56

Learning Outcome
Students will be able to demonstrate proficiency in at least one of the illustration mediums studied, including lino-cut, paper sculpture, dimensional maquettes, acrylics, gouache, or digital illustration.

Tags
213638, 0, 3, 2023-08-29 08:38:58

Learning Outcome
Students will be able to analyze and develop visual images based on narrative (literal) and limited conceptual (symbolic) illustration solutions.

Tags
213639, 0, 4, 2023-08-29 08:38:59

Learning Outcome
Students will be able to incorporate a deep theoretical and practical understanding of design into their work.

DESIL 330 - Message + Meaning

Course Information

Teaching Area (new)
DESIL

Course Number
330

Teaching Area
DESIL

Course Title
Message + Meaning

Course Description
In this advanced illustration course, students will delve into the rich world of visual semiotics, exploring the intricate interplay between symbols, signs, and cultural context in visual art. Students will learn to decode the underlying messages and narratives embedded within illustrations across different cultures and historical periods through theoretical study and practical application. Students will develop a nuanced understanding of how visual elements communicate meaning, ideology, and emotion by analyzing seminal works and contemporary examples. Through hands-on projects and critiques, students will hone their skills in crafting illustrations that effectively convey complex ideas and provoke thoughtful interpretation. This course empowers students to become discerning creators equipped with the tools to imbue their illustrations with layers of significance and resonance.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 230 - Painting Fundamentals

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Title
Analyze and Interpret Visual Language

Learning Outcome
Students will demonstrate the ability to critically analyze visual elements such as composition, color, and symbolism in diverse illustrative works, identifying underlying meanings and messages within the context of cultural and historical frameworks.

Title
Synthesize Theory and Practice

Learning Outcome
Through practical exercises and projects, students will integrate theoretical knowledge of visual semiotics with their artistic practice, applying principles of visual communication to create illustrations that effectively convey complex concepts, emotions, and narratives.

Title
Cultivate Visual Literacy

Learning Outcome
Students will develop a heightened visual literacy, recognizing and interpreting the significance of visual cues and symbols in traditional and contemporary illustrations. They will articulate how visual elements contribute to an illustration's overall meaning and impact.

Title
Experiment with Narrative Techniques

Learning Outcome
By exploring various narrative techniques and visual storytelling strategies, students will expand their repertoire of illustrative approaches, learning to employ techniques such as sequencing, metaphor, and allegory to convey layered meanings and provoke audience engagement and reflection.

Title
Engage in Constructive Critique and Revision

Learning Outcome
Through peer critiques and instructor feedback, students will learn to evaluate their work and the work of others with a discerning eye, providing constructive feedback grounded in the principles of visual semiotics. They will develop the ability to revise and refine their illustrations iteratively, honing their skills in crafting imagery that resonates with clarity and depth of meaning.

DESIL 340 - Three-Dimensional Digital Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
340

Teaching Area
DESIL

Course Title
Three-Dimensional Digital Illustration

Course Description
Advanced problems in digital media and markets.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 240 - Intermediate Digital Illustration

Other Prerequisites
Illustration or Animation BFA majors only.

DESIL 350 - Advanced Life Drawing

Course Information

Teaching Area (new)
DESIL

Course Number
350

Teaching Area
DESIL

Course Title
Advanced Life Drawing

Course Description
Drawing the draped human figure in modern or historical costume.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 250 - Intermediate Life Drawing

Other Prerequisites
Illustration or Animation BFA majors only.

DESIL 352 - Environment Design

Course Information

Teaching Area (new)
DESIL

Course Number
352

Teaching Area
DESIL

Course Title
Environment Design

Course Description
Extensive study of painting various environments on location, applying advanced concepts in color theory and composition. Projects include color studies in both traditional and digital media, perspective drawing, and imaginative environment illustrations, combining observation of nature with visual reference and research.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESIL 130 - Illustration Fundamentals

Other Prerequisites
Illustration or animation BFA majors only.

Fee
23

Learning Outcomes

Tags
213640, 0, 1, 2023-08-29 08:39:00

Learning Outcome
Students will be able to proficiently apply outdoor painting concepts, methods, and techniques involving oils and/or watercolors such as principles of natural light and the theory of varied environmental conditions. Students will also be able to apply their knowledge of the history and contemporary practice of plein-air painting.

Tags
213641, 0, 2, 2023-08-29 08:39:02

Learning Outcome
Students will be able to paint successfully observed studies of the natural landscape en plein air and utilize the practice in the creative process to develop studio illustrations. Students will also be able to gather, interpret, and utilize supplemental photographic landscape reference.

Tags
213642, 0, 3, 2023-08-29 08:39:04

Learning Outcome
Students will be able to apply principles of design, composition, light and shadow, linear and atmospheric perspectives, and color theory to outdoor studies and studio illustrations. Students will be able to use color as a narrative and thematic tool and apply it consistently throughout a series of sequential pieces.

Tags
213643, 0, 4, 2023-08-29 08:39:06

Learning Outcome
Students will be able to appreciate the order and beauty of the natural environment, the aesthetics of light and color, and the environment as an artistic subject to communicate uplifting narratives, themes, and concepts.

DESIL 354 - Survey of Illustration History

Course Information

Teaching Area (new)
DESIL

Course Number
354

Teaching Area
DESIL

Course Title
Survey of Illustration History

Course Description
Survey of the international history of illustration highlighting the evolution of techniques and artistic movements that shape contemporary image-making.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Illustration BFA or design majors only.

Learning Outcomes

Title
Overall Course Outcome

Tags
212805, 0, 1

Learning Outcome
Students will gain a broad understanding of the evolution of illustration, or narrative image making, throughout recorded history, including its purposeful creation, methods of creation and reproduction, and its cultural impacts.
Through additional research and writing, students will add to the course materials to contribute new insight and thought in the analysis of narrative image making.

Title
History of Illustration

Tags
212806, 0, 2, 2023-01-27 10:47:00

Learning Outcome
Students will gain an understanding of illustration's evolution and influence within an international historical context, including techniques and movements that have shaped contemporary image making and industry practices.

DESIL 357 - Sketchbook

Course Information

Teaching Area (new)
DESIL

Course Number
357

Teaching Area
DESIL

Course Title
Sketchbook

Course Description
Using a sketchbook in the visual thinking process to explore ideas, record visual experience, and develop fundamental drawing skills.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Illustration or animation BFA majors only.

Fee
23

Learning Outcomes

Title
Drawing Skills

Tags
137533, 1

Learning Outcome
Students will be able to sketch from life at different locations.

Title
Sketchbooks

Tags
137534, 2

Learning Outcome
Students will be able to use a sketchbook to improve their work through ideation and creative process, and strengthen these skills through study of other artist's use of sketchbooks.

Title
Sketchbook Use in Portfolios

Tags
137535, 3

Learning Outcome
Students will be able to understand how sketches have been used historically and how sketchbooks factor in as major components of portfolios and jobs.

DESIL 358 - Character Design for Illustrators

Course Information

Teaching Area (new)
DESIL

Course Number
358

Teaching Area
DESIL

Course Title
Character Design for Illustrators

Course Description
This course focuses on concepts and projects dealing with the creation of characters, both realistic and imaginary. Using both traditional and digital techniques, students will apply appropriate artistic direction as practiced throughout the field of illustration.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DESIL 130 - Illustration Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- DESAN 265 - Visual Development

Other Prerequisites
Illustration or Animation BFA majors.

Learning Outcomes

Title
Visual Narrative Communication

Tags
137536, 0, 1

Learning Outcome
Students will create characters and accoutrements that demonstrate a strong understanding of visual design, the influence of the story world or setting, and the relationship between form and function. Students will have the ability to visually communicate not just physical attributes but also cultural histories, personalities, attitudes, and motivations of characters.

Title
Ideation, Research, and Reference

Tags
137537, 0, 2

Learning Outcome
Students will apply their design process using sound practices of visual ideation, research, observation, and reference-gathering to design believable characters by combining reference with imagination. Students will cultivate a working knowledge of applicable history, including fashion design, architecture, and culture.

Title
Design Theory and Process

Tags
137538, 0, 3

Learning Outcome
Students will be able to distinguish between the design processes of concept art and production illustration. They will apply design principles such as shape, silhouette, gestalt, composition, color, pattern and texture to finish their illustrations at a professional level.

Title
Art Direction and Stylistic Coherence

Tags
187241, 0, 1

Learning Outcome
Students will understand and apply art direction in developing a coherent, appealing visual style for characters in a narrative environment. This will include direction and insight from clients, editors, and their peers.

Title
Individual Vision and Professional Presentation

Tags
187242, 0, 2

Learning Outcome
Students will develop an individual vision and style for a fictional story world as well as prepare and deliver a presentation for that world with its cast of characters and creatures. Students will learn to discuss and analyze peers' concepts to explore various approaches and improve methods.

DESIL 394R - Special Topics

Course Information

Teaching Area (new)
DESIL

Course Number
394R

Teaching Area
DESIL

Course Title
Special Topics

Course Description
Advanced studio course offering an in-depth study of a specialized topic in illustration. Focuses on a selected collaborative project or a conceptual, practical or technical issue relevant to current concerns in the discipline.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Illustration BFA or design major acceptance, or instructor consent.

Fee
Variable

Note
Fee.

DESIL 450 - Painting the Human Head

Course Information

Teaching Area (new)
DESIL

Course Number
450

Teaching Area
DESIL

Course Title
Painting the Human Head

Course Description
Studio course emphasizing figurative painting from live models, with an emphasis on unique aspects of portraiture and coloring of the human face.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 350 - Advanced Life Drawing

Other Prerequisites
Illustration BFA majors only.

DESIL 451 - Senior Illustration Studio

Course Information

Teaching Area (new)
DESIL

Course Number
451

Teaching Area
DESIL

Course Title
Senior Illustration Studio

Course Description
Senior Illustration BFA students develop a cohesive portfolio of original work, as evidence of conceptual and theoretical understanding, substantial technical ability, creative range and individual expressive quality.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESIL 354 - Survey of Illustration History

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Tags
213644, 0, 1, 2023-08-29 08:39:14

Learning Outcome
Students will be able to create marketable illustrations as well as execute a variety of concepts through rough sketches, tonal studies, color comps, and finished art. Student will have the ability to effectively communicate symbolic or story concept.

Tags
213645, 0, 2, 2023-08-29 08:39:15

Learning Outcome
Students will be able to demonstrate proficiency in at least one of the illustration mediums studied, including oil, acrylics, gouache, mixed media, or digital.

Tags
213646, 0, 3, 2023-08-29 08:39:17

Learning Outcome
Students will be able to apply a deep theoretical and practical understanding of design.

Tags
213647, 0, 4, 2023-08-29 08:39:18

Learning Outcome
Students will be able to analyze and develop visual images based on conceptual (symbolic) illustration solutions.

Tags
213648, 0, 5, 2023-08-29 08:39:20

Learning Outcome
Students will be able to analyze and develop visual images based on narrative (literal) illustration solutions.

DESIL 457R - Concept Design

Course Information

Teaching Area (new)
DESIL

Course Number
457R

Teaching Area
DESIL

Course Title
Concept Design

Course Description
Illustration methods and processes applied to visual problems in collaborative, creative development for interactive entertainment production. Faculty-led teams research, visualize and render original compositions to convey narratives through character and world design.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESIL 240 - Intermediate Digital Illustration

Other Prerequisites
Illustration or Animation majors only.

DESIL 488 - Professional Practices for Illustrators

Course Information

Teaching Area (new)
DESIL

Course Number
488

Teaching Area
DESIL

Course Title
Professional Practices for Illustrators

Course Description
Business aspects of the illustration profession.

Department
Design

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DES 311R - Design Lecture Series

OR

Prerequisites

Complete ALL of the following Courses:

- ARTHC 201 - World Civilization to 1500

OR

Prerequisites

Complete ALL of the following Courses:

- ARTHC 202 - World Civilization Since 1500

Other Prerequisites
Illustration BFA majors only.

Learning Outcomes

Title
Professional Preparation

Tags
137574, 1

Learning Outcome
Students will be able to apply leadership principles, practice business ethics, and complete creative objectives necessary to embrace the transition from academic life to that of a committed professional artist.

Title
Personal and Visionary Business Strategy

Tags
137575, 2

Learning Outcome
Students will be able to ponder, appraise, and incorporate their academic experience into a personal and visionary business strategy that reflects an understanding of diverse market trends. Students will be able to locate and network with potential clients and contacts and generate supportive associations and structures within their chosen fields of expertise.

Title
Practices in the Market

Tags
187248, 1

Learning Outcome
Students will be able to understand professional illustration practices and the current state of the market as well as how the business of illustration is operated and the current issues affecting it. Students will be able to understand and incorporate into their own practice social outreach strategies, networking practices, tax preparation, contracts and licensing, website design, marketing, and pricing of artwork.

DESIL 490 - BFA Illustration Capstone Project: Research

Course Information

Teaching Area (new)
DESIL

Course Number
490

Teaching Area
DESIL

Course Title
BFA Illustration Capstone Project: Research

Course Description
Students develop research in connection with their Illustration BFA capstone project, including both subject and market-based research on an individual project.

Department
Design

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 390 - Design Theory and Visual Culture

Other Prerequisites
Illustration BFA acceptance

DESIL 494R - Special Problems in Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
494R

Teaching Area
DESIL

Course Title
Special Problems in Illustration

Course Description
Individual study in illustration.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent only. Must get a permission to add code from instructor before enrolling.

Learning Outcomes

Title
Individual Projects

Tags
187303, 1

Learning Outcome
Students will be able to write and present a proposal for individual creative work. Students will be able to conceive and produce a unique body of work using skills learned in other classes and apply their gained knowledge to individual projects.

DESIL 497 - BFA Illustration Capstone Project: Implementation

Course Information

Teaching Area (new)
DESIL

Course Number
497

Teaching Area
DESIL

Course Title
BFA Illustration Capstone Project: Implementation

Course Description
Students will carry out an intensive capstone project based on a topic of their choosing. Students' topic will be based on student-driven market specific research and future focus, and implementation includes planning, and exhibition of completed artwork.

Department
Design

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESIL 490 - BFA Illustration Capstone Project: Research

Other Prerequisites
Illustration BFA advisor's consent.

DESIL 498R - Directed Studies in Illustration

Course Information

Teaching Area (new)
DESIL

Course Number
498R

Teaching Area
DESIL

Course Title
Directed Studies in Illustration

Course Description
Course credit for work experience in illustration.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESIL 330 - Message + Meaning

Other Prerequisites
Illustration BFA advisor's consent. Permission to add code required.

Learning Outcomes

Title
Work-related Experience

Tags
187251, 0, 1

Learning Outcome
Students will be able to work in a variety of professional situations and take what they have learned from other classes and apply that knowledge to the work-related environment.

DESPH 116 - Introduction to Photography and Digital Workflow

Course Information

Teaching Area (new)
DESPH

Course Number
116

Teaching Area
DESPH

Course Title
Introduction to Photography and Digital Workflow

Course Description
Basic camera techniques and digital capture, developing entry-level skills in digital imaging workflow, developing skills with industry-related software and working methods. Lighting two-dimensional work for portfolio documentation.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Pre-photography major or pre-design status.

Note
Also offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Technical Competency

Tags
137581, 0

Learning Outcome
Students will be able to understand the basic aspects of photography dealing with composition and subject matter and understand the technical aspects of photography, ISO, Shutter and Exposure.

Title
Good Design

Tags
137582, 1

Learning Outcome
Students will be able to sensitively compose photographs using the elements and principles of good design.

Title
Effective Use of Light

Tags
137583, 2

Learning Outcome
Students will be able to effectively use light in general and use it to define form.

Title
Seeing and Creativity

Tags
137584, 3

Learning Outcome
Students will be able to see photographically and think creatively.

Title
Digital Imaging Workflow

Tags
137585, 4

Learning Outcome
Students will be able to develop a personal digital imaging workflow to manage their creative output.

DESPH 120 - Conceptual Practices and Creative Exploration

Course Information

Teaching Area (new)
DESPH

Course Number
120

Teaching Area
DESPH

Course Title
Conceptual Practices and Creative Exploration

Course Description
This course serves as a critical examination of the photographic medium as a form of visual communication and creative expression—an exploration that will come about mainly through readings, discussions, and image-making activities.

Department
Design

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- DESPH 116 - Introduction to Photography and Digital Workflow

Other Prerequisites
Photo- & Lens- Based Design Pre-BFA status students and Design pre-BA students only.

Learning Outcomes

Title
Critical Thinking & Decision Making

Tags
137586, 1

Learning Outcome
Students will develop vocabulary to articulate and defend conceptual and practical choices related to their personal creative photographic practice based on an understanding of how their work functions within the broader dialogue of historical and contemporary photographic themes, topics, and practices.

Title
Creative Practice

Tags
137587, 2

Learning Outcome
Students will develop a clear focus of their creative practice and will possess the ability to describe their motivations, choices, and interests relating to their photographic work.

DESPH 240 - Lighting 1

Course Information

Teaching Area (new)
DESPH

Course Number
240

Teaching Area
DESPH

Course Title
Lighting 1

Course Description
Introduction to studio lighting for photographers. Using light as a medium for creating expressive imagery.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 120 - Conceptual Practices and Creative Exploration

Other Prerequisites
Photography BFA acceptance.

DESPH 250 - Lighting 2

Course Information

Teaching Area (new)
DESPH

Course Number
250

Teaching Area
DESPH

Course Title
Lighting 2

Course Description
Advance camera and lighting techniques specific to portraiture, location lighting, table top product, motion, and studio lighting.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 240 - Lighting 1

Other Prerequisites
Photography BFA acceptance only.

Note
Lab required.

DESPH 260 - Filmmaking 01

Course Information

Teaching Area (new)
DESPH

Course Number
260

Teaching Area
DESPH

Course Title
Filmmaking 01

Course Description
This course focuses on the fundamental techniques and processes to making films for both personal and commercial use.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- DESPH 116 - Introduction to Photography and Digital Workflow

Other Prerequisites
Photo- & Lens- Based Design Pre-BFA status students and Design pre-BA students only.

Learning Outcomes

Title
Elements of Filmmaking

Tags
137597, 2

Learning Outcome
Students will operate with a developed understanding of basic elements of filmmaking, including cinematography, writing, producing, and directing.

Title
Camera Techniques

Tags
137598, 3

Learning Outcome
Students will demonstrate correct operating procedures of cinematography through a deliberate technical use of the camera.

Title
Lighting Techniques

Tags
137599, 4

Learning Outcome
Students will demonstrate appropriate lighting techniques related to cinematography while utilizing natural and artificial light sources both in studio and on location.

Title
Film Editing

Tags
187255, 1

Learning Outcome
Students will be able to edit films using the most current editing software.

DESPH 270 - Introduction to Black and White Photography and Darkroom Techniques

Course Information

Teaching Area (new)
DESPH

Course Number
270

Teaching Area
DESPH

Course Title
Introduction to Black and White Photography and Darkroom Techniques

Course Description
Basic camera and darkroom techniques emphasizing black and white film processing and printmaking with concern for visual communication, aesthetics, and personal expression.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Photography BFA acceptance only.

Fee
150

Note
Fee.

Learning Outcomes

Title
Entry Level Processing and Printing

Tags
137600, 1

Learning Outcome
Students will be able to apply entry level skills of processing and printing traditional (meaning film vs. digital) black and white photographs, including a variety of special effect techniques.

Title
35mm and Medium Format Camera Skills

Tags
137601, 2

Learning Outcome
Students will be able to apply entry level professional skills associated with traditional 35mm and medium format film camera systems.

DESPH 273 - Digital Imaging and Compositing

Course Information

Teaching Area (new)
DESPH

Course Number
273

Teaching Area
DESPH

Course Title
Digital Imaging and Compositing

Course Description
This course focuses on utilizing current image creation software to pre-visualize and create photographic imagery that did not exist in front of the camera—including compositing existing imagery, incorporating AI tools, best practice digital workflow, and print output.

Department
Design

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 120 - Conceptual Practices and Creative Exploration **AND** DESPH 260 - Filmmaking 01

Other Prerequisites
Photo- & Lens- Based Design BFA acceptance and Design majors only.

Note
Lab required.

Learning Outcomes

Title
2D Imagery Design & Composition

Tags
137602, 1

Learning Outcome
Students will be able to effectively and efficiently apply design and compositional skills in two-dimensional imagery.

Title
Professional Digital Workflow

Tags
137603, 2

Learning Outcome
Students will be able to apply entry-level, professional skills with digital workflow, including skills with relevant industry related software and working methods utilized by digital retouchers.

DESPH 276 - Visual Storytelling

Course Information

Teaching Area (new)
DESPH

Course Number
276

Teaching Area
DESPH

Course Title
Visual Storytelling

Course Description
Narrative storytelling through the medium of photography. Concepts, techniques and styles used in photojournalism, documentary, and photoreportage.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 120 - Conceptual Practices and Creative Exploration **AND** DESPH 240 - Lighting 1

Other Prerequisites
Photography BFA acceptance or Design majors only.

Learning Outcomes

Title
Editorial Techniques and Styles

Tags
137608, 1

Learning Outcome
Students will be able to use the techniques and styles used in editorial photography with and emphasis on content, concept, and narrative as used in photojournalism, documentary, and photo-reportage, including techniques used to tell stories and persuade thought and opinion in editorial media.

Title
Portable Flash Systems

Tags
137609, 2

Learning Outcome
Students will be able to implement camera and lighting techniques used in location editorial photography, including the use of portable dedicated and non-dedicated flash systems.

Title
Historic and Contemporary Photographers

Tags
137610, 3

Learning Outcome
Students will be able to identify the styles and techniques used by a variety of significant editorial photographers both historic and contemporary.

DESPH 360 - Filmmaking 02

Course Information

Teaching Area (new)
DESPH

Course Number
360

Teaching Area
DESPH

Course Title
Filmmaking 02

Course Description
This course explores advanced approaches to filmmaking, with a greater emphasis on the roles of production.

Department
Design

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 260 - Filmmaking 01
  AND DESPH 273 - Digital Imaging and Compositing

Other Prerequisites
Photo- & Lens- Based Design BFA majors only.

Learning Outcomes

Title
Film Production

Tags
187256, 4

Learning Outcome
Students will be able to create effective films through a greater awareness of different roles and tasks related to film production.

Title
Cinematography, Lighting and Style

Tags
187257, 2

Learning Outcome
Students will develop their own aesthetic identity as directors and cinematographers using advanced lighting techniques while working on location and with specific subjects.

Title
Film Editing

Tags
187258, 3

Learning Outcome
Students will be able to edit films using the most current editing software.

DESPH 370 - Survey of Applied Photography

Course Information

Teaching Area (new)
DESPH

Course Number
370

Teaching Area
DESPH

Course Title
Survey of Applied Photography

Course Description
Introduction to a broad range of photographic applications, including copy work, portraiture, editorial, architectural, and photojournalism.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 240 - Lighting 1

Recommended
DESPH 120

DESPH 377R - Alternative Photographic Processes

Course Information

Teaching Area (new)
DESPH

Course Number
377R

Teaching Area
DESPH

Course Title
Alternative Photographic Processes

Course Description
Advanced studio photography course exploring colloidal and other alternative photographic processes.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Photography BFA acceptance only.

Fee
150

Note
Lab required. Fee.

Learning Outcomes

Title
New Skills and Processes

Tags
137618, 1

Learning Outcome
Students will be able to continually teach themselves new processes in order to have an artistic career of continual discovery and creative exploration

Title
Expanded Processes and Creative Expression

Tags
137619, 2

Learning Outcome
Students will be able to analyze and apply new and different photographic processes and aesthetics in order to expand their creative expression.

Title
History of Photography

Tags
137620, 3

Learning Outcome
Students will be able to understand and apply their knowledge of the history of photography.

Title
New Skills and Processes

Tags
208426, 0, 1

Learning Outcome
Students will be able to continually teach themselves new processes in order to have an artistic career of continual discovery and creative exploration

Title
Expanded Processes and Creative Expression

Tags
208427, 0, 2

Learning Outcome
Students will be able to analyze and apply new and different photographic processes and aesthetics in order to expand their creative expression.

Title
History of Photography

Tags
208428, 0, 3

Learning Outcome
Students will be able to understand and apply their knowledge of the history of photography.

DESPH 378 - Junior Portfolio

Course Information

Teaching Area (new)
DESPH

Course Number
378

Teaching Area
DESPH

Course Title
Junior Portfolio

Course Description
Advanced approaches to photography, including conceptual, social, and aesthetic values culminating in a Junior level portfolio project.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 273 - Digital Imaging and Compositing

Other Prerequisites
Photography BFA acceptance only.

Learning Outcomes

Title
Gospel Standards and Contemporary Art

Tags
137635, 3

Learning Outcome
Students will be able to successfully incorporate gospel standards while navigating through the environments of contemporary art movements.

Title
Photographic Analysis

Tags
137633, 1

Learning Outcome
Students will be able to understand, analyze, and broaden their perspective of contemporary practices in photography.

Title
Critical Evaluation and Critique Strategies

Tags
137634, 2

Learning Outcome
Students will be able to apply advanced levels of critical evaluation, self-motivations, and critique strategies of their own work as well as the work of others.

DESPH 379 - History of Photography

Course Information

Teaching Area (new)
DESPH

Course Number
379

Teaching Area
DESPH

Course Title
History of Photography

Course Description
Origin and development of photographic aesthetics.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Design majors only or instructor consent.

Learning Outcomes

Title
Scope

Tags
137621, 0

Learning Outcome
Students will be able to understand the history of photography from the nineteenth-century to the present.

Title
Style

Tags
137622, 1

Learning Outcome
Students will be able to articulate the characteristics of the period styles, processes, techniques, cultural uses, and philosophies of key photographers in Europe and the Western Hemisphere. Students will be able to analyze and identify important photographs and collections in terms of style, patronage, reception, and meaning.

Title
Research Skills

Tags
137623, 2

Learning Outcome
Students will be able to apply art historical research skills in conducting advanced research focused on a single photographer or photograph.

Title
State of Research

Tags
137624, 4

Learning Outcome
Students will be able to situate their informed, original ideas within the best publications and reviews of period photography.

Title
Sources

Tags
137625, 0, 5

Learning Outcome
Students will be able to demonstrate familiarity with advanced research skills and best research practices as taught by the course professor and supported the by the HBLL Art History and Photography research guides. Students will also be able to use acceptable style guides.

DESPH 388 - Professional Practices

Course Information

Teaching Area (new)
DESPH

Course Number
388

Teaching Area
DESPH

Course Title
Professional Practices

Course Description
This course serves as a primer to a creative career in photography and lens-based media. Students will have the opportunity to learn essential business practices from active professionals representing a variety of fields—ranging from commercial to fine-art, and in-house to freelance.

Department
Design

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisitie

Type
Prerequisite

Complete ALL of the following Courses:
- DESPH 378 - Junior Portfolio

Other Prerequisites
Photo- & Lens- Based Design BFA acceptance only.

Learning Outcomes

Title
Career Focus & Preparation

Tags
137636, 1

Learning Outcome
Students will be able to define their intended career focus and will create a plan to pursue a relevant internship prior to graduation.

Title
Contemporary Business Practices

Tags
137637, 2

Learning Outcome
Students will acquire knowledge of common business practices in a variety of careers through presentations from industry professionals and in-class discussions.

Title
Marketing Strategies

Tags
137638, 3

Learning Outcome
Students will create (or refine an already existent) website and social media account, and prepare other marketing materials relevant to a career in photography and lens-based media.

DESPH 394R - Special Topics

Course Information

Teaching Area (new)
DESPH

Course Number
394R

Teaching Area
DESPH

Course Title
Special Topics

Course Description
Project-based studio course for photographers.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPH 120 - Conceptual Practices and Creative Exploration
  AND DESPH 240 - Lighting 1
  AND DESPH 260 - Filmmaking 01

Other Prerequisites
Photography BFA major or instructor consent.

Recommended
DESPH 372, 377R, 475, 478

Fee
150

Note
Fee.

Learning Outcomes

Title
Course Outcome

Tags
187260, 1

Learning Outcome
This course will be adjusted by faculty based on student demand or relevant topics in the field.

DESPH 410R - Computer Applications Studio for Photographers

Course Information

Teaching Area (new)
DESPH

Course Number
410R

Teaching Area
DESPH

Course Title
Computer Applications Studio for Photographers

Course Description
Individual photography project using high-end hardware and software.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

DESPH 411R - Photographic Field Study

Course Information

Teaching Area (new)
DESPH

Course Number
411R

Teaching Area
DESPH

Course Title
Photographic Field Study

Course Description
On-location study of photography.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Directed Studies in Photography

Tags
187282, 1

Learning Outcome
Students will be able to participate in a mentored, off-campus learning environment during the completion of a field study project.

DESPH 475 - Location Production

Course Information

Teaching Area (new)
DESPH

Course Number
475

Teaching Area
DESPH

Course Title
Location Production

Course Description
This course introduces students to approaches utilized while working on location, with an emphasis on lighting, set design, and other elements involved with location shoots.

Department
Design

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPH 240 - Lighting 1
  AND DESPH 250 - Lighting 2

Other Prerequisites
Photo- & Lens- Based Design BFA acceptance only.

Fee
150

Note
Fee.

Learning Outcomes

Title
Location Production

Tags
137630, 0

Learning Outcome
Students will be able to produce and carry out a shoot on location effectively and efficiently with attention given to lighting, set design, and production planning.

Title
Location Photography

Tags
137631, 1

Learning Outcome
Students will be able to apply skills in professional location photography, including those connected to corporate, industrial, editorial, and advertising photography.

DESPH 477R - Nature Photography

Course Information

Teaching Area (new)
DESPH

Course Number
477R

Teaching Area
DESPH

Course Title
Nature Photography

Course Description
Techniques of professional nature and landscape photography.

Department
Design

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Photography BFA acceptance or instructor's consent.

Learning Outcomes

Title
Nature Photography Techniques and Philosophies

Tags
187279, 1

Learning Outcome
Students will be able to apply the techniques and philosophies associated with photographing nature, landscape, and wildlife, including incorporating the techniques of several master landscape and wildlife photographers.

Title
Natural Light and Weather Conditions

Tags
187280, 2

Learning Outcome
Students will be able to understand natural light and weather conditions related to photography as well as be aware of the natural world, including flora, fauna, earth forms, and sky objects.

Title
Creative Decision Making

Tags
187281, 3

Learning Outcome
Students will be able to apply creative decision making skills related to camera controls and compositional theories in making emotive and connotative photographs of the natural world.

DESPH 490 - BFA Capstone Project: Research

Course Information

Teaching Area (new)
DESPH

Course Number
490

Teaching Area
DESPH

Course Title
BFA Capstone Project: Research

Course Description
Students will complete an intensive project on a topic of their choice, develop personal research and design methods to prepare the project for public exhibition.

Department
Design

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DES 390 - Design Theory and Visual Culture

Learning Outcomes

Title
Writing

Tags
208766, 0, 1

Learning Outcome
Students will be able to plan, research, and write a major thesis in support of a final capstone project.

Title
Research

Tags
208767, 0, 2

Learning Outcome
Students will be able to engage in deeper thinking through conducting original research related to their capstone project.

Title
Exhibition

Tags
208768, 0, 3

Learning Outcome
Students will create a compelling exhibition of their capstone research and project.

DESPH 494R - Special Problems in Photography

Course Information

Teaching Area (new)
DESPH

Course Number
494R

Teaching Area
DESPH

Course Title
Special Problems in Photography

Course Description
Individual study in photography of special interest.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Trends and Collaboration

Tags
187283, 1

Learning Outcome
Students will be able to engage in a collaborative project with another department or learn a trend within the photographic medium that is relevant to the shift in trends in the professional or artistic world.

DESPH 497 - BFA Photography Capstone Project: Implementation

Course Information

Teaching Area (new)
DESPH

Course Number
497

Teaching Area
DESPH

Course Title
BFA Photography Capstone Project: Implementation

Course Description
Students complete an advanced individual project in photography on a topic of their choosing which includes developing personal research, project implementation, and a public exhibition.

Department
Design

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DESPH 490 - BFA Capstone Project: Research

Other Prerequisites
BFA advisor's consent.

Learning Outcomes

Title
Course Outcome #1

Tags
54150, 0

Learning Outcome
Students will research and write a thesis paper culminating in a Capstone photographic project.

Title
Presentation

Tags
208769, 0, 1

Learning Outcome
Students will be able to present the results of their research and implement a capstone photographic project with compelling storytelling and clear visual organization.

Title
Execution

Tags
208770, 0, 2

Learning Outcome
Students will execute a plan derived from their written thesis in support of a final capstone project.

Title
Research Paper

Tags
187284, 1

Learning Outcome
Students will be able to research and write a thesis paper culminating in a Capstone photographic project.

DESPH 498R - Directed Studies in Photography

Course Information

Teaching Area (new)
DESPH

Course Number
498R

Teaching Area
DESPH

Course Title
Directed Studies in Photography

Course Description
Credit fort work experience in photography.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
BFA advisor's consent.

Learning Outcomes

Title
Self Directed Project with Mentorship

Tags
187285, 1

Learning Outcome
Students will be able to use a specific technical or conceptual practice in relationship to the photographic medium.

DESPX 115 - Product & User Experience Design 1

Course Information

Teaching Area (new)
INDES

Course Number
115

Teaching Area
DESPX

Course Title
Product & User Experience Design 1

Course Description
Basics of how to evaluate, and apply principles of structured creativity to develop new and useful ideas. Understanding of verbal and visual presentations as a tool for communicating new ideas.

Department
Design

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
8

Lab Hours

Fixed:
0

Other Prerequisites
For Pre-Product & User Experience Design and Pre-Interdisciplinary BA Students only.

Learning Outcomes

Title
Remember

Tags
213649, 0, 1, 2023-08-29 08:39:52

Learning Outcome
Students will: Recall the components of the USERS model for design thinking. Describe the three cognitive modes of designer thinking. List the 4p's of creativity.

Title
Understand

Tags
213650, 0, 2, 2023-08-29 08:39:54

Learning Outcome
Students will: Define and explain what is meant by structured creativity. Give examples of blocks to creative thinking. Summarize the five principles of divergent thinking.

Title
Application

Tags
213651, 0, 3, 2023-08-29 08:39:55

Learning Outcome
Students will: Employ the three practices for each of the USERS principles. Demonstrate creative thinking tools and techniques. Understand basic principles of presenting compelling and persuasive ideas to others.

Title
Analyze

Tags
213652, 0, 4, 2023-08-29 08:39:56

Learning Outcome
Students will: Identify the purpose of sketching in exploring and communicating ideas. Relate the relationship of flexibility and fluency in concept generation.

Title
Evaluate

Tags
213653, 0, 5, 2023-08-29 08:39:57

Learning Outcome
Students will: Critique and provide feedback to other student's ideas. Appraise their own tolerance for ambiguity. Access their performance in relation to their peer group.

Title
Design

Tags
213654, 0, 6, 2023-08-29 08:39:59

Learning Outcome
Students should be able to: Construct original and useful ideas by questioning, comparing and combining, Develop unified 3D and interactive compositions. Visualize, validate, and iterate design concepts

DESPX 200 - Prototyping Processes and Materials

Course Information

Teaching Area (new)
INDES

Course Number
200

Teaching Area
DESPX

Course Title
Prototyping Processes and Materials

Course Description
Introduction to the tools, machines, materials, and processes that allow for the production of prototypes and realization of designs.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPX 220 - Intro to Physical Product Design

Learning Outcomes

Title
Safe lab practices

Tags
213655, 0, 1, 2023-08-29 08:40:00

Learning Outcome
Students will understand and apply safe, prototyping lab practices as you train on the safe use of tools and machines, such as: files, chisels, handsaws, hand drills, the drill press, the band saw, table saw, and wood & metal miter saws, lathes, grinders, and the thermoformer.

Title
Material and assembly processes

Tags
213656, 0, 2, 2023-08-29 08:40:01

Learning Outcome
Students will practice and analyze material additive and subtractive processes to become familiar with common prototyping materials and assembly processes.

Title
Prototyping processes

Tags
213657, 0, 3, 2023-08-29 08:40:02

Learning Outcome
Students will understand, and apply typical prototyping procedures, including: woodworking, 3D printing, vacuum forming, sheet metal bending, laser cutting, CNC milling, casting, molding, painting, surface finishing, gluing, fastening

Title
Prototype construction

Tags
213658, 0, 4, 2023-08-29 08:40:04

Learning Outcome
Students will construct concept models and working prototypes.

DESPX 210 - 3D Modeling Principles

Course Information

Teaching Area (new)
INDES

Course Number
210

Teaching Area
DESPX

Course Title
3D Modeling Principles

Course Description
Computer software programs relative to design disciplines.

Department
Design

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 220 - Intro to Physical Product Design

Other Prerequisites
Design BFA & BA majors only.

Learning Outcomes

Title
Understanding

Tags
213659, 0, 1, 2023-08-29 08:40:05

Learning Outcome
Students should: - Understand and apply principles of good design intent to develop robust modeled geometry. - Understand both solid and surface modeling principles and how of effectively apply them.

Title
Application

Tags
213660, 0, 2, 2023-08-29 08:40:06

Learning Outcome
Students should be able to: - Use Solidworks and Photoview 360 effectively to develop and communicate ideas. - Apply solid modeling to develop 3D parts with: Machining and rapid prototyping.

DESPX 214 - Manufacturing Materials & Processes

Course Information

Teaching Area (new)
INDES

Course Number
214

Teaching Area
DESPX

Course Title
Manufacturing Materials & Processes

Course Description
Manufacturing tools, processes, and materials commonly used in product design.

Department
Design

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 220 - Intro to Physical Product Design

Other Prerequisites
Design BFA & BA majors only

Learning Outcomes

Title
Understanding/Recognition

Tags
213661, 0, 1, 2023-08-29 08:40:07

Learning Outcome
Students should: - Be able to recognize manufacturing processes used to create products. - Be able to recognize basic materials used in products. - Understand limitations and advantages of manufacturing processes. - Have a basic knowledge of material properties.

DESPX 220 - Intro to Physical Product Design

Course Information

Teaching Area (new)
INDES

Course Number
220

Teaching Area
DESPX

Course Title
Intro to Physical Product Design

Course Description
Opportunities to explore, present, and critique geometric and organic form through physical form creation, and the development of sketching and visualization skills to develop and communicate ideas culminating in an introductory physical product design project.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 115 - Product & User Experience Design 1

Other Prerequisites
Product & User Experience Design Pre-BFA status students or Design BA majors only.

Learning Outcomes

Title
Understand

Tags
213662, 0, 1, 2023-08-29 08:40:09

Learning Outcome
Students will: Understand the basic principles of perspective drawing, form construction, and simple shading.

Title
Apply

Tags
213663, 0, 2, 2023-08-29 08:40:10

Learning Outcome
Students will: Sketch using perspective and rapid visualization principles to present basic forms and simple product concepts.

Title
Evaluate

Tags
213664, 0, 3, 2023-08-29 08:40:11

Learning Outcome
Students will: Compare their work to the work of their peers and articulate the strengths and weaknesses of different sketching techniques during in-class critiques.

Title
Create

Tags
213665, 0, 4, 2023-08-29 08:40:13

Learning Outcome
Students will: Produce basic sketch-based drawings for product concept communication. Use sketching as a tool for thinking and presentation.

DESPX 230 - Product Studio 1

Course Information

Teaching Area (new)
INDES

Course Number
230

Teaching Area
DESPX

Course Title
Product Studio 1

Course Description
In a studio-based mentored environment, students apply foundational principles of problem identification, data analysis & synthesis, concept and idea generation, form development, and basic validation in a series of more complex physical product design scenarios.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding

Tags
213666, 0, 1, 2023-08-29 08:40:15

Learning Outcome
Students will understand form principles with additional constraints. Form + Human Factors Form + Mechanism Form + Materials and Processes Form + User Experience From + Problem Finding Form + Branding

Title
Application

Tags
213667, 0, 2, 2023-08-29 08:40:16

Learning Outcome
Students will be able to apply: Principles of aesthetics and form Design skills to a project in a studio based environment Make things Presentation methods to communicate ideas clearly

DESPX 231 - Visualization & Presentation Methods

Course Information

Teaching Area (new)
INDES

Course Number
231

Teaching Area
DESPX

Course Title
Visualization & Presentation Methods

Course Description
Creating appropriate imagery for industrial design presentations. Improving on the analog motor skill of sketching. Introduction to digital sketching methods to enhance fundamental sketching concepts (use of line, proportion, composition, manually indicating basic form, perspective), as well as to the use of color, materials and finishes to accurately communicate an artifact.

Department
Design

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequite

Type
Prerequisite

Complete ALL of the following Courses:
- DESPX 220 - Intro to Physical Product Design

Other Prerequisites
For Product & User Experience Design BFA majors only.

Learning Outcomes

Title
Understanding

Tags
181045, 1

Learning Outcome
Student should:Have an increased appreciation regarding the importance of presentation skills.Understand how to visually represent product materials, colors, and finishes.Understand how to compose a persuasive presentation

Title
Application

Tags
181065, 1

Learning Outcome
Student will be able to:Apply basic rendering skills including lighting effects, materials, colors, surface finish to rendering and sketches.Explore the difference between analog and digital based rendering techniques

Title
Critique

Tags
181116, 2

Learning Outcome
Benchmarking and critique – looking at the work of others and judging your own work effectively.

DESPX 260 - Introduction to Digital Product Design

Course Information

Course Number
260

Teaching Area
DESPX

Course Title
Introduction to Digital Product Design

Course Description
Students will design better human interactions by mastering the process of creating usable digital experiences and crafting engaging user interfaces.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 115 - Product & User Experience Design 1

Other Prerequisites
Product & User Experience Design Pre-BFA status & Design BA majors only.

Learning Outcomes

Title
Design Research

Tags
213668, 0, 1, 2023-08-29 08:40:17

Learning Outcome
Students will be able to use design research methods to develop empathy for end-users as they focus design efforts on user needs.

Title
Design for Code

Tags
213669, 0, 2, 2023-08-29 08:40:18

Learning Outcome
Students will be able to demonstrate understanding of the affordances, limits, and benefits of designing in code such as HTML, CSS, etc.

Title
Experiences & Usability Testing

Tags
213670, 0, 3, 2023-08-29 08:40:20

Learning Outcome
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

Title
Contemporary Interfaces

Tags
213671, 0, 4, 2023-08-29 08:40:21

Learning Outcome
Students will be able to create platform-specific design patterns and style with current interface design sensibilities.

Title
Digital Typography

Tags
213672, 0, 5, 2023-08-29 08:40:22

Learning Outcome
Students will be able to effectively use typography in digital spaces, demonstrating the appropriate blend of legibility and expressiveness, and responsive device-independent type with complex hierarchy across multi-screen applications.

Title
Documentation

Tags
213673, 0, 6, 2023-08-29 08:40:24

Learning Outcome
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

Title
Critical analysis of interactive products

Tags
213674, 0, 7, 2023-08-29 08:40:25

Learning Outcome
Students will demonstrate critical analysis of interactive products and become more thoughtful consumers of designed products.

DESPX 261 - User Experience 2

Course Information

Course Number
261

Teaching Area
DESPX

Course Title
User Experience 2

Course Description
This course helps students develop engaging user experiences in digital products, using more advanced design research methods, and ability to create some design in code

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 260 - Introduction to Digital Product Design

Other Prerequisites
Product & User Experience Design BFA majors only.

Learning Outcomes

Title
Advanced design research

Tags
213675, 0, 1, 2023-08-29 08:40:27

Learning Outcome
Students will be able to use advanced design research methods to develop empathy for end-users as they focus design efforts on user needs.

Title
Documentation

Tags
213676, 0, 2, 2023-08-29 08:40:28

Learning Outcome
Students will be able to create detailed documentation of their design process and final design outcome, with clear written explanations of interface content and functionality.

Title
Experiences & Usability Testing

Tags
213677, 0, 3, 2023-08-29 08:40:29

Learning Outcome
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

Title
Information Architecture

Tags
213678, 0, 4, 2023-08-29 08:40:30

Learning Outcome
Students will be able to create effective information architecture in a designed product

Title
Contemporary Interfaces

Tags
213679, 0, 5, 2023-08-29 08:40:32

Learning Outcome
Students will be able to create platform-specific design patterns and style with current interface design sensibilities.

Title
Design in Code

Tags
213680, 0, 6, 2023-08-29 08:40:33

Learning Outcome
Students will be able to demonstrate ability to design in code

DESPX 310 - Advanced 3D Modeling

Course Information

Teaching Area (new)
INDES

Course Number
310

Teaching Area
DESPX

Course Title
Advanced 3D Modeling

Course Description
Focus on improving Solidworks and Keyshot software proficiency by understanding software terms, practicing modeling techniques, combining solid modeling with surface modeling, evaluating design intent, and designing for assembly.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPX 210 - 3D Modeling Principles

Learning Outcomes

Title
Create physical product prototypes

Tags
213681, 0, 1, 2023-08-29 08:40:34

Learning Outcome
Create visually accurate and functional physical 3D prototypes based on the CAD models they create.

Title
Create virtual product renderings

Tags
213682, 0, 2, 2023-08-29 08:40:36

Learning Outcome
Create and evaluate computer generated product renderings.

Title
Lighting theory

Tags
213683, 0, 3, 2023-08-29 08:40:37

Learning Outcome
Evaluate and understand basic product lighting theory

Title
Rendering basics

Tags
213684, 0, 4, 2023-08-29 08:40:38

Learning Outcome
Practice HDRI editing techniques, creating environments, customizing color, materials and finishes.

Title
Workflow process

Tags
213685, 0, 5, 2023-08-29 08:40:40

Learning Outcome
Analyze and practice post production workflow.

Title
Presentations techniques

Tags
213686, 0, 6, 2023-08-29 08:40:43

Learning Outcome
Practice making exploded views for presentations.

DESPX 330 - Product Studio 2

Course Information

Teaching Area (new)
INDES

Course Number
330

Teaching Area
DESPX

Course Title
Product Studio 2

Course Description
In a studio-based mentored environment students engage in more comprehensive and complex product design projects. Students should show increased awareness of, and facility with disciplinary expectations and processes.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 230 - Product Studio 1

Learning Outcomes

Title
Understanding

Tags
213690, 0, 1, 2023-08-29 08:40:52

Learning Outcome
Students will be introduced to: Corporate design research methodsConcise and compelling narrativesUser Experience and User InterfaceImplementation

Title
Application

Tags
213691, 0, 2, 2023-08-29 08:40:54

Learning Outcome
Students will be able to apply: Knowledge and skills they have learned to sponsored projects in a studio based environment.Principles of story tellingPresentation methods

DESPX 338R - Field Study

Course Information

Teaching Area (new)
INDES

Course Number
338R

Teaching Area
DESPX

Course Title
Field Study

Course Description
Introduction to the professional design community and the options available to industrial designers, with the aim of preparing students to be full participants in and contributors to design culture. Insight into potential internships, a variety of careers, and different environments where employment can be pursued. Participation in workshops, visits to historical and contemporary design sites, and, potentially, pursuit of research activities.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Learning Outcomes

Title
Industry Exposure

Tags
213692, 0, 1, 2023-08-29 08:40:55

Learning Outcome
Students will investigate career paths in a variety of contexts including corporate, consultancies, and independent work.

Title
Assess professional work

Tags
213693, 0, 2, 2023-08-29 08:40:57

Learning Outcome
Students will evaluate the work of professionals and assess how their work could influence their own design work.

Title
Practice design skills

Tags
213694, 0, 3, 2023-08-29 08:40:58

Learning Outcome
Students will practice design skills in workshops.

Title
Investigate contemporary and historical artifacts and sites.

Tags
213695, 0, 4, 2023-08-29 08:41:00

Learning Outcome
Students will investigate and appraise contemporary and historical design artifacts and sites.

Title
Design research

Tags
213696, 0, 5, 2023-08-29 08:41:01

Learning Outcome
Students will potentially design and implement a research project

DESPX 339 - History of Products

Course Information

Teaching Area (new)
INDES

Course Number
339

Teaching Area
DESPX

Course Title
History of Products

Course Description
Overview of artifacts and products; how they have influenced society from prehistory to present day.

Department
Design

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

DESPX 365 - User Experience Research Methods

Course Information

Course Number
365

Teaching Area
DESPX

Course Title
User Experience Research Methods

Course Description
This class offers an in-depth study of user experience research methods and techniques for developing engaging digital products.

Department
Design

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 260 - Introduction to Digital Product Design

Learning Outcomes

Title
Experiences & Usability Testing

Tags
213699, 0, 1, 2023-08-29 08:41:07

Learning Outcome
Students will be able to develop design and test concepts that effectively mediate relationships between people and products, environments, and services.

Title
Effective methodology

Tags
213700, 0, 2, 2023-08-29 08:41:09

Learning Outcome
Students will demonstrate the effective choice of research methods in developing engaging digital products

Title
Evaluation

Tags
213701, 0, 3, 2023-08-29 08:41:10

Learning Outcome
Students will use digital tools and techniques to measure and evaluate the effectiveness of digital product

Title
Ethics

Tags
213702, 0, 4, 2023-08-29 08:41:12

Learning Outcome
Students will develop standards for ethical creation of digital tools and patterns

DESPX 388 - Professional Practice

Course Information

Teaching Area (new)
INDES

Course Number
388

Teaching Area
DESPX

Course Title
Professional Practice

Course Description
Business aspects of the design profession.

Department
Design

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding

Tags
213703, 0, 1, 2023-08-29 08:41:13

Learning Outcome
Students should: - Understand the tools needed for a job search; portfolio and its iterations, resume, and cover letters. - Understand and apply principles of networking, contacting, interviewing and negotiating with potential employers. - Understand and apply principles of an effecive and compelling portfolio presentation. - Understand patents, proposals, contracts, and design briefs. - Recognize unethical situations that can arise and how to deal with them.

Title
Application

Tags
213704, 0, 2, 2023-08-29 08:41:14

Learning Outcome
Students should be able to: - Create and demonstrate effective job hunting skills and materials

DESPX 394R - Special Topics

Course Information

Course Number
394R

Teaching Area
DESPX

Course Title
Special Topics

Course Description
Advanced studio course offering an in-depth study of a specialized design topic. Explores either a conceptual, practical, or technical requirement within the current discipline, or focuses on a particular project.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Admission to BFA in User Experience & Product Design (PDX) or other design department BFA with instructor permission

Learning Outcomes

Title
Course-specific outcomes

Tags
213705, 0, 1, 2023-08-29 08:41:16

Learning Outcome
Course outcomes are specific to each course section and are developed by the instructor and students.

DESPX 430R - Product Design Studio 3

Course Information

Teaching Area (new)
INDES

Course Number
430R

Teaching Area
DESPX

Course Title
Product Design Studio 3

Course Description
Systems design problems from initial research and analysis to final presentation of working drawings and models, with concern for ergonomics, anthropometries, marketing, user and buyer, production, function, and structure.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
4.5

Fixed/Max:
4.5

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPX 330 - Product Studio 2

Learning Outcomes

Title
Application

Tags
213707, 0, 2, 2023-08-29 08:41:18

Learning Outcome
At the end of this course, students will be able to: Write a cogent design project proposal Work with judicious guidance on self-directed project Investigate chosen problem using design methods Demonstrate elevated competence in: design skills, grasp of theory, design methodology

DESPX 431R - Collaborative Design Projects

Course Information

Course Number
431R

Teaching Area
DESPX

Course Title
Collaborative Design Projects

Course Description
This class invites students to collaborate with students from other majors in creating products, experiences, systems, and services together. Naturally, students will draw on their domains of expertise, but collaboration in this class should compound their team members' strengths through frequent collaboration, iteration, and validation across disciplines.

Department
Design

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Teamwork

Tags
213708, 0, 1, 2023-08-29 08:41:19

Learning Outcome
Students will effectively leverage teamwork.

Title
Research and testing for validation

Tags
213709, 0, 2, 2023-08-29 08:41:22

Learning Outcome
Students will be able to use research and testing methodologies to validate strategy and empathize with and address user, customers, citizens' needs.

DESPX 461 - User Experience Portfolio

Course Information

Course Number
461

Teaching Area
DESPX

Course Title
User Experience Portfolio

Course Description
This course prepares students to present themselves and their work with confidence. Students learn to communicate the value they can provide potential employers through the development of compelling resumes, cover letters, portfolios, presentations, and interview skills. The course emphasizes clarity, professionalism, and purpose in visual, written, and oral communication. Students will reflect on the alignment of their personal, spiritual, and career goals and support one another through a collaborative, growth-oriented studio environment.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 365 - User Experience Research Methods
  AND DESGD 362 - Interactive Typographic Systems

Recommended

Learning Outcomes

Title
Craft Compelling Professional Narratives

Tags
213710, 0, 1, 2023-08-29 08:41:23

Learning Outcome
Students will articulate their educational and work experience through thoughtfully written cover letters and resumes that reflect thoughtfulness, purpose, and consideration for hiring managers and companies.

Title
Develop Polished, Purposeful Portfolios

Tags
213711, 0, 2, 2023-08-29 08:41:25

Learning Outcome
Students will design and refine a portfolio that effectively communicates their design process, learning outcomes, and the impact of their work.

Title
Present Work with Clarity and Confidence

Tags
213712, 0, 3, 2023-08-29 08:41:26

Learning Outcome
Students will prepare and deliver presentations and walkthroughs of their work with clarity, professionalism, and poise, demonstrating consideration for and respect toward diverse audiences and effectively communicating the value of their contributions.

Title
Demonstrate Interview Preparedness

Tags
213713, 0, 4, 2023-08-29 08:41:27

Learning Outcome
Students will practice and receive feedback on interviews and design challenges, cultivating adaptability, reasoning, and self-awareness as they prepare to enter a competitive design industry

Title
Apply Principles of Visual and Verbal Communication

Tags
213714, 0, 5, 2023-08-29 08:41:29

Learning Outcome
Students will apply principles of typography, layout, and storytelling to visually and verbally convey their work in a clear, organized, and compelling manner.

Title
Reflect on Goals & Purpose

Learning Outcome
Students will communicate their personal and professional goals and consider how their career goals align with and support their life, family, and spiritual goals, helping them design their lives and become better agents and stewards.

Title
Cultivate a Growth-Oriented, Peer-Supported Design Practice

Learning Outcome
Students will engage in collaborative critiques and support one another's progress, developing humility, generosity, and a commitment to lifelong learning in the design profession.

DESPX 490 - Collaborative UX Design: Research

Course Information

Course Number
490

Teaching Area
DESPX

Course Title
Collaborative UX Design: Research

Course Description
Well-designed interactive products become most successful when they account for the complete context of their creation: from business strategy and brand narrative to well-crafted interfaces and targeted end goals. Consequently, the best products require collaboration between various domains (designers, software engineers, and product managers) working toward a common goal. Every student in this class will gain a rich experience in real-world product creation.

Students are invited to think of themselves as more than designers but as co-founders, not just students but entrepreneurs. For you and your teams, collaboration should not be limited to each member's own domain of expertise and should compound your team members' strengths through frequent collaboration, iteration, and validation.

Department
Design

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- DESPX 489 - Collaborative UX Design: Discovery (Inactive)
  AND DESGD 362 - Interactive Typographic Systems

Learning Outcomes

Title
Teamwork

Tags
213719, 0, 1, 2023-08-29 08:41:36

Learning Outcome
Students will effectively leverage cross-discipline team product work.

Title
Design & Code

Tags
213720, 0, 2, 2023-08-29 08:41:37

Learning Outcome
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product.

Title
User research & usability testing

Tags
213721, 0, 3, 2023-08-29 08:41:39

Learning Outcome
Students will be able to use research and testing methodologies to validate strategy and empathize with and address user needs.

Title
Prototyping

Tags
213722, 0, 4, 2023-08-29 08:41:40

Learning Outcome
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

DESPX 497R - Product Design Capstone

Course Information

Course Number
497R

Teaching Area
DESPX

Course Title
Product Design Capstone

Course Description
Advanced individual design experience in the Product & User Experience space. Students take primary responsibility for problem identification and project management, showing a high degree of competence in a minimally mentored environment.

Department
Design

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- DESPX 330 - Product Studio 2

Other Prerequisites
Acceptance to Sandbox is required to join a cross-disciplinary team.

Learning Outcomes

Title
Cross-disciplinary Teamwork

Tags
213723, 0, 1, 2023-08-29 08:41:41

Learning Outcome
Students will effectively leverage cross-discipline team product work.

Title
Strategic and coded design

Tags
213724, 0, 2, 2023-08-29 08:41:42

Learning Outcome
Students will demonstrate an ability to create work that achieves strategic needs and works within functional coded product.

Title
Strategy & Storytelling

Tags
213725, 0, 3, 2023-08-29 08:41:44

Learning Outcome
Students will develop, articulate, and pitch product strategy and brand storytelling as key elements of design decisions.

Title
Branding & Interfaces

Tags
213726, 0, 4, 2023-08-29 08:41:45

Learning Outcome
Students will be able to develop strategic brand identities with coordinated interface and visual design systems.

Title
Prototyping for clarity

Tags
213727, 0, 5, 2023-08-29 08:41:46

Learning Outcome
Students will be able to use prototyping tools to clarify interactions and animations that enhance the user experience.

Title
Validation through research and testing

Tags
213728, 0, 6, 2023-08-29 08:41:47

Learning Outcome
Students will be able to use research and testing methodologies to validate strategy and empathize with and address user needs.

DESPX 499R - Directed Studies

Course Information

Teaching Area (new)
INDES

Course Number
499R

Teaching Area
DESPX

Course Title
Directed Studies

Course Description
Individual study in current topics of industrial design.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
6

Learning Outcomes

Title
Knowledge

Tags
213729, 0, 1, 2023-08-29 08:41:49

Learning Outcome
Students will acquire more experince and knowledge if the Industrial Design industry through close mentorship with the INDES faculty.

DIGHT 210 - Programming in the Humanities 1

Course Information

Teaching Area (new)
DIGHT

Course Number
210

Teaching Area
DIGHT

Course Title
Programming in the Humanities 1

Course Description
Introduction to principles and skills required for programming in digital humanities scholarship.

Department
Humanities

When Taught
Fall; Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Information Flow & Structure

Tags
213730, 0, 1, 2023-08-29 08:41:52

Learning Outcome
Students will be able to model the flow and structure of information between users and application.

Title
Logical Reasoning

Tags
213731, 0, 2, 2023-08-29 08:41:53

Learning Outcome
Students will apply the fundamentals of programming logic, e.g., sequence of commands, conditional and looping structures, and use of variables, to solve basic programming problems.

Title
From the Abstract to the Concrete

Tags
213732, 0, 3, 2023-08-29 08:41:54

Learning Outcome
Students will be able to convert abstract design requirements into machine-executable code.

DIGHT 215 - Introduction to the Digital Humanities

Course Information

Teaching Area (new)
DIGHT

Course Number
215

Teaching Area
DIGHT

Course Title
Introduction to the Digital Humanities

Course Description
Introduction to the premises and practices of the Digital Humanities. Exploration of current technology used in Digital Humanities research.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Novel Uses for Technology

Tags
199910, 3

Learning Outcome
Students will be able to propose new uses for technology based on unmet needs in the Humanities.

Title
Digital Analysis of the Humanistic

Tags
211853, 0, 4

Learning Outcome
Students will analyze humanities texts and culture using one or more digital methods.

Title
Humanistic Analysis of the Digital

Tags
211854, 0, 5

Learning Outcome
Students will analyze digital texts and culture using humanities perspectives.

DIGHT 230 - Introduction to Print Publishing

Course Information

Teaching Area (new)
DIGHT

Course Number
230

Teaching Area
DIGHT

Course Title
Introduction to Print Publishing

Course Description
Introduction to layout and typesetting and their place in the publications process; includes graphic design theory, audience analysis, and basic skills with professional desktop publishing application.

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Typesetting's Place in Publishing

Tags
199732, 4

Learning Outcome
Students will situate typesetting and printing within the scope of the publishing process as a whole.

Title
Typesetting Software

Tags
199733, 6

Learning Outcome
Students will master the basic functions of Adobe InDesign for the purpose of typesetting various publications.

Title
Design Principles

Tags
199734, 8

Learning Outcome
Students will use a set of basic design principles (proximity, alignment, repetition, contrast) to improve the quality of their publications in InDesign.

Title
Photo Editing Software

Tags
199735, 10

Learning Outcome
Students will be familiar with Adobe Photoshop and some of its uses in print publishing.

Title
Groupwork

Tags
199837, 11

Learning Outcome
Students will work effectively in groups to produce high quality printed material.

DIGHT 250 - Web Publishing

Course Information

Teaching Area (new)
DIGHT

Course Number
250

Teaching Area
DIGHT

Course Title
Web Publishing

Course Description
Overview and introduction to web programming as a form of expression. Includes HTML, CSS, and some JavaScript.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
The Context of Web Technologies

Tags
199822, 0, 1

Learning Outcome
Students will know the history of the world wide web and the current state of its standards.

Title
Website Production

Tags
199736, 0, 4

Learning Outcome
Students will draft, design, and code static web content, and then post that content to a publicly-accessible web server.

Title
HTML/CSS/JavaScript Skills

Tags
199737, 0, 6

Learning Outcome
Students will master HTML/CSS syntax, common HTML elements/attributes and CSS properties, and basic skill with JavaScript.

Title
Web Accessibility

Tags
210934, 0, 7

Learning Outcome
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

DIGHT 251 - Web Publishing with HTML

Course Information

Course Number
251

Teaching Area
DIGHT

Course Title
Web Publishing with HTML

Course Description
The fundamentals of web publishing with content management systems and HTML including syntax, validity, media, and accessibility. This 1st-block course may be taken with the 2nd-block course DigHT 252: Web Design with CSS

Department
Humanities

When Taught
Contact Department

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Note
DigHT 251 is a first-block class, and students may also enroll in the second-block DigHT 252: Web Design with CSS. Together these classes are equivalent to DigHT 250: Web Publishing. Together they may be substituted in place of DigHT 250 in programs where DigHT 250 is a requirement or an elective.

Learning Outcomes

Title
The Context of Web Technologies

Tags
213733, 0, 1, 2023-08-29 08:42:00

Learning Outcome
Students will know the history of the world wide web and the current state of its standards.

Title
Website Production

Tags
213734, 0, 2, 2023-08-29 08:42:01

Learning Outcome
Students will draft, design, and code static web content, and then post that content to a publicly-accessible web server.

Title
HTML Skills

Tags
213735, 0, 3, 2023-08-29 08:42:03

Learning Outcome
Students will master HTML syntax and HTML elements/attributes.

Title
Web Accessibility

Tags
213736, 0, 4, 2023-08-29 08:42:04

Learning Outcome
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

DIGHT 252 - Web Design with CSS

Course Information

Course Number
252

Teaching Area
DIGHT

Course Title
Web Design with CSS

Course Description
Web design using Cascading Style Sheets including best practices, current trends, and accessibility standards. This 2nd-block course may be taken with the 1st-block course DigHT 251: Web Publishing with HTML.

Department
Humanities

When Taught
Contact Department

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Note
DigHT 252 is a second-block class, and students may also enroll in the first-block DigHT 251: Web Publishing with HTML. Together these classes are equivalent to DigHT 250: Web Publishing. Together they may be substituted in place of DigHT 250 in programs where DigHT 250 is a requirement or an elective.

Learning Outcomes

Title
Website Production

Tags
213737, 0, 1, 2023-08-29 08:42:06

Learning Outcome
Students will draft, design, and code static web content, and then post that content to a publicly-accessible web server.

Title
CSS/JavaScript Skills

Tags
213738, 0, 2, 2023-08-29 08:42:07

Learning Outcome
Students will master CSS syntax, CSS properties, and basic skill with JavaScript.

Title
Web Accessibility

Tags
213739, 0, 3, 2023-08-29 08:42:08

Learning Outcome
Students will appreciate the need for accessible web content and memorize the fundamental requirements of modern accessibility guidelines.

DIGHT 260 - Tools for Text Processing and Analysis

Course Information

Teaching Area (new)
DIGHT

Course Number
260

Teaching Area
DIGHT

Course Title
Tools for Text Processing and Analysis

Course Description
Introduction to tools and techniques suited for use with text analysis, including basic text encoding, text preparation, basic regular expression, and concordance programs.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Text Representation in Computers

Tags
198078, 0, 1

Learning Outcome
Students will understand how text is represented in computers (e.g., ASCII, Unicode, emojis) and how to resolve issues with character encodings and fonts.

Title
Regular Expressions and Wildcards

Tags
198103, 0, 1

Learning Outcome
Students will construct regular expressions and wildcards to search for patterns to reformat text and add markup.

Title
Basic Scripting

Tags
211855, 0, 2

Learning Outcome
Students will be familiar with a scripting language and know how to modify templates for analyzing text files.

Title
Text Analysis Tools

Tags
211856, 0, 3

Learning Outcome
Students will use tools to analyze texts for word frequency, keywords, collocations, n-grams, and other patterns.

Title
Corpus Design and Creation

Tags
211857, 0, 4

Learning Outcome
Students will develop a WordCruncher corpus to facilitate research and text analysis.

DIGHT 310 - Programming in the Humanities 2

Course Information

Teaching Area (new)
DIGHT

Course Number
310

Teaching Area
DIGHT

Course Title
Programming in the Humanities 2

Course Description
Intermediate topics in programming for the digital humanities (E.g., media processing, database integration, web scraping, GIS APIs, etc.).

Department
Humanities

When Taught
Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 210 - Programming in the Humanities 1

Learning Outcomes

Title
Logical Reasoning

Tags
213740, 0, 1, 2023-08-29 08:42:15

Learning Outcome
Intermediate topics in programming for the digital humanities (e.g., media processing, database integration, web scraping, GIS APIs, etc.).

Title
Intermediate Programming Concepts

Tags
213741, 0, 2, 2023-08-29 08:42:17

Learning Outcome
Students will understand programming concepts such as object orientation, recursion, trees, NLP, etc.

Title
Databases and Web Services

Tags
213742, 0, 3, 2023-08-29 08:42:18

Learning Outcome
Students will integrate databases and web services into their programs.

Title
From the Abstract to the Concrete

Tags
213743, 0, 4, 2023-08-29 08:42:20

Learning Outcome
Students convert abstract design requirements into functioning programs.

DIGHT 315 - Research in the Digital Humanities

Course Information

Teaching Area (new)
DIGHT

Course Number
315

Teaching Area
DIGHT

Course Title
Research in the Digital Humanities

Course Description
Applications of computer technology to research in the Digital Humanities across language and literature, e.g. text processing, data mining, information storage and retrieval, etc.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 215 - Introduction to the Digital Humanities

Recommended
DigHT 260

Learning Outcomes

Title
Research

Tags
199878, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

Title
Identify research questions suitable for digital approaches

Tags
211858, 0, 2

Learning Outcome
Students will identify research questions that are suitable for answering through digital approaches.

Title
Research collaboratively

Tags
211859, 0, 3

Learning Outcome
Students will conduct research collaboratively

Title
Prepare research corpus

Tags
211860, 0, 4

Learning Outcome
Students will contribute to a research corpus using a variety of digital methods.

DIGHT 330 - Print Publishing 2

Course Information

Teaching Area (new)
DIGHT

Course Number
330

Teaching Area
DIGHT

Course Title
Print Publishing 2

Course Description
Advanced application of digital layout and typesetting. Includes audience analysis, color theory, and photo preparation.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 230 - Introduction to Print Publishing

Learning Outcomes

Title
Criticism of Print

Tags
199858, 1

Learning Outcome
Students will be able to offer useful and appropriate criticism of printed material.

Title
Print Design Software

Tags
199859, 2

Learning Outcome
Students will master advanced techniques in Adobe InDesign including styles, libraries, and indexing.

Title
Photo Adjustment

Tags
199860, 3

Learning Outcome
Students will be able to adjust color, exposure, and other visual characteristics of photographs (Adobe Photoshop).

Title
Typsetting

Tags
199861, 4

Learning Outcome
Students will be able to typeset professional publications including books and magazines.

DIGHT 340 - JavaScript Development

Course Information

Teaching Area (new)
DIGHT

Course Number
340

Teaching Area
DIGHT

Course Title
JavaScript Development

Course Description
Intermediate-to-advanced JavaScript development tools and methods including major libraries, frameworks, and project management tools.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 250 - Web Publishing

Learning Outcomes

Title
JavaScript History, Ecosystem, and Limitations

Tags
210935, 0, 1

Learning Outcome
Students will know the origins and milestones in the development of JavaScript, the current status of its support, and its major libraries and frameworks. Students will also identify situations in which JavaScript would be a poor choice of tool.

Title
JavaScript Technique

Tags
210936, 0, 2

Learning Outcome
Students will master the syntax and basic built-in objects and methods of JavaScript and understand the same for several JS frameworks and libraries.

Title
JavaScript Project Structure

Tags
210937, 0, 3

Learning Outcome
Students will manage a JavaScript project conceptualized under one or more programming paradigms, and then manage that projects development with industrial tools such as GitHub and Grunt.

DIGHT 350 - Web Information Technologies

Course Information

Teaching Area (new)
DIGHT

Course Number
350

Teaching Area
DIGHT

Course Title
Web Information Technologies

Course Description
Using advanced web applications and services to create dynamic, database-driven Web sites. Integrating database methods with web publishing approaches and principles. Techniques for Web-based Digital Humanities applications such as crowd-sourced markup, automatic data visualizations, etc.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
DigHT 250 or instructor approval

Learning Outcomes

Title
Information Schemas

Tags
199844, 0, 4

Learning Outcome
Students will organize information in various electronic schemas.

Title
Information Extraction

Tags
199742, 0, 4

Learning Outcome
Students will extract information across a variety of electronic relationships.

Title
Information Routines

Tags
199743, 0, 6

Learning Outcome
Students will routinize the insertion, extraction, manipulation, and reporting of information.

DIGHT 360 - (DigHT-Ling) Programming for Text Processing and Analysis

Course Information

Teaching Area (new)
DIGHT

Course Number
360

Teaching Area
DIGHT

Course Title
(DigHT-Ling) Programming for Text Processing and Analysis

Course Description
Development of computer applications for research in language and literature (text processing, retrieval, and analysis) in one or more programming languages (e.g., Python).

Department
Humanities

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:

- DIGHT 210 - Programming in the Humanities 1
  OR C S 110 - How to Program
  OR C S 111 - Introduction to Computer Science

Learning Outcomes

Title
Locate Complex Patterns and Make Substitutions

Tags
198368, 5

Learning Outcome
Students will be able to locate complex patterns and make substitutions (e.g., using technologies such as Perl, Python) within texts for the purpose of manipulating and analyzing texts and corpora.

Title
Understanding of Unicode

Tags
198408, 4

Learning Outcome
Students will have an advanced understanding of Unicode and its advantages over ASCII and other text encoding standards.

Title
Practical Problems

Tags
211861, 0, 6

Learning Outcome
Students will solve practical problems in text processing, e.g., text encoding conversion, reading/writing files, and corpus management.

Title
Programming Skill

Tags
211862, 0, 7

Learning Outcome
Students will apply basic programming skills using data structures, control flow statements, and regular expressions.

Title
Python

Tags
211863, 0, 8

Learning Outcome
Students will use existing Python packages to process and manipulate texts, extract linguistic data, and generate data visualizations.

Title
Formatting Best Practices

Tags
211864, 0, 9

Learning Outcome
Students will apply code formatting standards to produce well-organized, readable, maintainable code.

DIGHT 390R - Tools Development Seminar

Course Information

Teaching Area (new)
DIGHT

Course Number
390R

Teaching Area
DIGHT

Course Title
Tools Development Seminar

Course Description
Individual or group development of new technological tools with use in the Digital Humanities.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DIGHT 250 - Web Publishing

OR

Prerequisites

Complete ALL of the following Courses:

- DIGHT 260 - Tools for Text Processing and Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- DIGHT 350 - Web Information Technologies

Learning Outcomes

Title
Topical Kowledge

Tags
199862, 1

Learning Outcome
Students will have knowledge regarding the special topic selected by the instructor.

DIGHT 395R - Digital Humanities Research Seminar

Course Information

Teaching Area (new)
DIGHT

Course Number
395R

Teaching Area
DIGHT

Course Title
Digital Humanities Research Seminar

Course Description
Individual or group research of original problems in Digital Humanities research.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 215 - Introduction to the Digital Humanities

Learning Outcomes

Title
Research

Tags
199851, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

DIGHT 495R - Digital Humanities Project

Course Information

Teaching Area (new)
DIGHT

Course Number
495R

Teaching Area
DIGHT

Course Title
Digital Humanities Project

Course Description
Original research project on open questions within the Digital Humanities field. Content and/or technology advisor is required.

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Any DigHT 300-level course or instructor approval.

Learning Outcomes

Title
Work with Clients

Tags
199808, 1

Learning Outcome
Students will be able to negotiate and meet the demands of a sponsor/client to develop technology solutions.

Title
Project Proposal

Tags
199812, 0

Learning Outcome
Students will be able to draft written proposals for products/techniques they hope to develop.

Title
Solve Problems

Tags
199904, 2

Learning Outcome
Students will be able to apply their technology skills to solve a real problem they or someone else has.

DIGHT 496R - Technology Internship

Course Information

Teaching Area (new)
DIGHT

Course Number
496R

Teaching Area
DIGHT

Course Title
Technology Internship

Course Description
Sponsored development of technology tools for application within the Digital Humanities (e.g. print or electronic publishing production, courseware/software development, museum/collection/textbase management, language/linguistic tools, etc.). Approval by project sponsor, DigHT Coordinator, and BYU Internship Office are required.

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Any DigHT 300-level course or instructor approval.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Environment

Tags
199744, 1

Learning Outcome
Students will be able to complete tasks related to DHT skills in a professional environment.

Title
Professional Level

Tags
199745, 2

Learning Outcome
Students will be able to apply at least one DHT-related technology at a professional level.

Title
Professional Traits

Tags
199746, 3

Learning Outcome
Student will be able to demonstrate professional traits such as promptness, positive demeanor, well-spokenness, etc.

DIGHT 590R - Digital Humanities Graduate Seminar

Course Information

Course Number
590R

Teaching Area
DIGHT

Course Title
Digital Humanities Graduate Seminar

Course Description
Although, as a seminar, the content of this course will vary from section to section, the content will include come combination the following:
1. Humanistic analysis of the digital as both a producer and product of culture.
2. Computational analysis of cultural artifacts such as literature, music, visual art, etc.
3. Technology skills relevant to the above activities.

Department
Humanities

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Digital Analysis

Learning Outcome
Students will analyze the place digital content holds in society as well as its effect on society.

Title
Computational Analysis

Learning Outcome
Students will use technology to analyze the products of human interaction and creativity (e.g., literature, music, movies, social media, etc.).

Title
Technology Skills

Learning Outcome
Students will master technology tools necessary to carry out digital analyses.

DS 115 - Data Science Majors and Careers

Course Information

Course Number
115

Teaching Area
DS

Course Title
Data Science Majors and Careers

Course Description
A review of the data science major and other CPMS data science majors; class planning; information on major resources and career opportunities.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended

Note
This class should be taken the first semester as a freshman or the first semester after declaring the data science major.

Learning Outcomes

Title
Degree Overview

Learning Outcome
Describe all data science major options available in CPMS

Title
Educational Plan

Learning Outcome
Create a draft of a graduation plan for declared major

Title
Employment and Internships

Learning Outcome
Know how to search and obtain academic internships, college and department(s) employment, and research opportunities.

Title
Post-Baccalaureate

Learning Outcome
Describe how to search and obtain employment or graduate school opportunities.

DS 180 - Introduction to Data Science

Course Information

Course Number
180

Teaching Area
DS

Course Title
Introduction to Data Science

Course Description
statistics; linear algebra; machine learning; data cleaning and visualization; data literacy; decomposing data science problems; critical thinking about analysis; potential pitfalls in data science

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
CS 110 or equivalent prior programming experience

Recommended
Prior programming experience should include statements, variables, control flow (if/while), and functions

DUTCH 100 - Language Study: Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
100

Teaching Area
DUTCH

Course Title
Language Study: Dutch

Course Description
Survival-level conversation, reading, listening, and culture skills in Dutch.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197443, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197445, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197447, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

DUTCH 101 - First-Year Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
101

Teaching Area
DUTCH

Course Title
First-Year Dutch

Course Description
Beginning speaking, listening, reading, and writing skills in Dutch.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
193254, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193263, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193271, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193280, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

DUTCH 102 - First-Year Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
102

Teaching Area
DUTCH

Course Title
First-Year Dutch

Course Description
Second-semester speaking, listening, reading, and writing skills in Dutch.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DUTCH 101 - First-Year Dutch

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
193297, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193306, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193314, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Speaking

Tags
193320, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

DUTCH 201 - Second-Year Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
201

Teaching Area
DUTCH

Course Title
Second-Year Dutch

Course Description
Intermediate speaking, listening, reading, and writing skills in Ducth.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DUTCH 102 - First-Year Dutch

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193323, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193331, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193341, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193349, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

DUTCH 211R - Second-Year Conversation

Course Information

Teaching Area (new)
DUTCH

Course Number
211R

Teaching Area
DUTCH

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Dutch.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DUTCH 201 - Second-Year Dutch

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193359, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193369, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194560, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

DUTCH 305 - Language Skills Development: Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
305

Teaching Area
DUTCH

Course Title
Language Skills Development: Dutch

Course Description
Increasing proficiency in one or more of the following Dutch language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197449, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197450, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197451, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

DUTCH 311R - Third-Year Conversation

Course Information

Teaching Area (new)
DUTCH

Course Number
311R

Teaching Area
DUTCH

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills in Dutch.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DUTCH 211R - Second-Year Conversation

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversations

Tags
194554, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to initiate, maintain, and close conversations and to ask and respond to questions.

Title
Organized Speech

Tags
194555, 2

Learning Outcome
Begin to speak in "oral paragraphs."

Title
Strategies

Tags
194556, 3

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

Title
Pronunciation and Accuracy

Tags
194557, 4

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

DUTCH 321 - Advanced Grammar: Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
321

Teaching Area
DUTCH

Course Title
Advanced Grammar: Dutch

Course Description
Advance your Dutch through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197452, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197453, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197454, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
330

Teaching Area
DUTCH

Course Title
Advanced Language Proficiency Through Cultural Studies: Dutch

Course Description
Study of Dutch culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197455, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197456, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197457, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197458, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

DUTCH 340 - Introduction to Dutch Literature

Course Information

Teaching Area (new)
DUTCH

Course Number
340

Teaching Area
DUTCH

Course Title
Introduction to Dutch Literature

Course Description
Explore Dutch culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
May fulfill the Languages of Learning and Global & Cultural Awareness GE requirements.

Learning Outcomes

Title
Context

Tags
191538, 4

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
191539, 6

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Title
Recognize and Analyze

Tags
193085, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
193137, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

DUTCH 350 - Advanced Language Study for Career Purposes: Dutch

Course Information

Teaching Area (new)
DUTCH

Course Number
350

Teaching Area
DUTCH

Course Title
Advanced Language Study for Career Purposes: Dutch

Course Description
Concentration on Dutch language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DUTCH 330 - Advanced Language Proficiency Through Cultural Studies: Dutch

Learning Outcomes

Title
Defined Career Purposes

Tags
197459, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197460, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197461, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197462, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

EC EN 191 - New Student Seminar

Course Information

Teaching Area (new)
EC EN

Course Number
191

Teaching Area
EC EN

Course Title
New Student Seminar

Course Description
Overview of electrical and computer engineering with group and individual design projects.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand ECEn

Tags
180164, 0

Learning Outcome
Understand the discipline of electrical and computer engineering and its many roles in the modern technological world.

EC EN 192 - Freshman Project

Course Information

Course Number
192

Teaching Area
EC EN

Course Title
Freshman Project

Course Description
Students will complete straightforward engineering projects while learning about basic lab equipment.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Co-requisite

Type
Prerequisite

Enroll in the following Courses:
- EC EN 191 - New Student Seminar

Learning Outcomes

Title
Laboratory Equipment

Learning Outcome
Students will gain basic understanding of laboratory equipment and bee able to operate it.

Title
Project

Learning Outcome
Students will be able to complete engineering projects.

Title
Teamwork

Learning Outcome
Students will be able to contribute to engineering teams in completing engineering projects.

EC EN 199R - Academic Internship

Course Information

Teaching Area (new)
EC EN

Course Number
199R

Teaching Area
EC EN

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Electrical and Computer Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Department chair's and internship coordinator's consent

Note
An APPROVED Internship Application required before adding. See college internship information prior to completing the application.

Learning Outcomes

Tags
180186, 1

Learning Outcome
Student acquires professional experiences in the discipline.

Tags
180274, 3

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

Tags
180325, 2

Learning Outcome
Student demonstrates professional communication skills (report).

EC EN 224 - Introduction to Computer Systems

Course Information

Course Number
224

Teaching Area
EC EN

Course Title
Introduction to Computer Systems

Course Description
Introductory principles of computer systems including binary representation of numbers, binary operations and Boolean arithmetic, C-programming, machine-level representations of programs and data, memory hierarchy, and I/O interfacing and programming. Hands-on experience working with reading and modifying machine-level code.

Department
Electrical and Computer Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:
- C S 111 - Introduction to Computer Science
- C S 142 - Introduction to Computer Programming

Learning Outcomes

Title
Binary Representation and Computation

Tags
213250, 0, 1, 2023-08-24 14:57:20

Learning Outcome
Ability to represent numbers in binary and perform binary operations.

Title
C Programming

Tags
213251, 0, 2, 2023-08-24 14:57:20

Learning Outcome
Ability to program using the 'C' programming language.

Title
Machine Representation of Programs

Tags
213252, 0, 3, 2023-08-24 14:57:20

Learning Outcome
Ability to represent programs in assembly language, translate between 'C' and assembly language, and evaluate security vulnerabilities.

Title
Computer Organization

Tags
213253, 0, 4, 2023-08-24 14:57:20

Learning Outcome
Ability to identify basic computer components, including memory hierarchy, I/O, and central processing unit (CPU), and explain how these components work together to create a computer system.

EC EN 225 - Computer Systems Laboratory

Course Information

Course Number
225

Teaching Area
EC EN

Course Title
Computer Systems Laboratory

Course Description
Experience building complex computer system that interact with humans and computer networks. Practice principles of computer systems and systems programming on a combination of software and hardware.

Department
Electrical and Computer Engineering

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Co-requisite

Type
Prerequisite

Enroll in the following Courses:
- EC EN 224 - Introduction to Computer Systems

Learning Outcomes

Title
I/O Programming

Learning Outcome
Ability to build a system that reliably interacts with I/O hardware devices.

Title
Network Programming

Learning Outcome
Ability to build a system that securely communicates with networked devices.

Title
System Building

Learning Outcome
Design a complex computer system that handles concurrent tasks.

EC EN 240 - Circuit Analysis and Laboratory

Course Information

Teaching Area (new)
EC EN

Course Number
240

Teaching Area
EC EN

Course Title
Circuit Analysis and Laboratory

Course Description
Analysis of electric circuits including transients, sinusoidal steady-state, and power. Includes labs.

Department
Electrical and Computer Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- C S 142 - Introduction to Computer Programming
  AND MATH 113 - Calculus 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Complete ALL of the following Courses:
- MATH 113 - Calculus 2
  AND C S 111 - Introduction to Computer Science
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites
Average of B or better in completed Math, Physics & Computer Science courses, or advisor approval.

Note
Fee.

Learning Outcomes

Title
Electronic Circuits

Tags
211926, 0, 1

Learning Outcome

Ability to analyze simple DC and AC circuits using the basic laws of electronics, phasor analysis, and mathematics.
A basic understanding of diodes, transistors, and operational amplifiers, and how they are used.
The ability to analyze simple first order transient circuits including RL and RC circuits.
A basic understanding of frequency response and its applications.

Title
Microcontrollers

Tags
211927, 0, 2

Learning Outcome

Ability to write computer code that implements simple state machines on a microcontroller.
An understanding of analog-to-digital and digital-to-analog converters and their implications for embedded computing.
The ability to interface microcontrollers to a variety of sensors and actuators, including DC and servo motors.

Title
Instrumentation

Tags
211928, 0, 3

Learning Outcome

The ability to use electronic instruments to test and debug electronic circuits.

EC EN 301 - Elements of Electrical Engineering.

Course Information

Teaching Area (new)
EC EN

Course Number
301

Teaching Area
EC EN

Course Title
Elements of Electrical Engineering.

Course Description
Linear electric circuits, computer organization, and logic circuits for nonmajors.

Department
Electrical and Computer Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2

Note
Fee.

Learning Outcomes

Title
Microcontrollers

Tags
180432, 0, 2

Learning Outcome

Ability to write computer code that implements simple state machines on a microcontroller.
An understanding of analog-to-digital and digital-to-analog converters and their implications for embedded computing.
The ability to interface microcontrollers to a variety of sensors and actuators, including DC and servo motors.

Title
Electronic Circuits

Tags
211925, 0, 3

Learning Outcome

Ability to analyze simple DC and AC circuits using the basic laws of electronics, phasor analysis, and mathematics.
A basic understanding of diodes, transistors, and operational amplifiers, and how they are used.
The ability to analyze simple first order transient circuits including RL and RC circuits.
A basic understanding of frequency response and its applications.

Title
Instrumentation

Tags
180430, 0, 0

Learning Outcome
The ability to use electronic instruments to test and debug electronic circuits.

EC EN 320 - Fundamentals of Digital Systems

Course Information

Course Number
320

Teaching Area
EC EN

Course Title
Fundamentals of Digital Systems

Course Description
Digital logic: theory, design, and implementation of combinational and sequential logic. Laboratory experience in construction of digital logic circuits.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- EC EN 224 - Introduction to Computer Systems

Learning Outcomes

Title
Combinational Networks

Tags
213744, 0, 1, 2023-08-29 08:43:04

Learning Outcome
Ability to design, minimize, and analyze a combinational network.

Title
Sequential Networks

Tags
213745, 0, 2, 2023-08-29 08:43:05

Learning Outcome
Ability to design and analyze a sequential network.

Title
Debug

Tags
213746, 0, 3, 2023-08-29 08:43:07

Learning Outcome
Ability to test and verify a digital system that includes I/O, state machines and combinational networks.

Title
HDL Design

Tags
213747, 0, 4, 2023-08-29 08:43:08

Learning Outcome
Ability to design combinational and sequential circuits using a modern hardware description language (HDL).

Title
Design Tools

Tags
213748, 0, 5, 2023-08-29 08:43:11

Learning Outcome
Ability to use modern synthesis and technology mapping tools to implement digital circuits on an FPGA.

EC EN 330 - Introduction to Embedded System Programming

Course Information

Teaching Area (new)
EC EN

Course Number
330

Teaching Area
EC EN

Course Title
Introduction to Embedded System Programming

Course Description
Understanding the hardware-software interface in an embedded system. Using C and assembly language in device-driver design. Software interfacing to peripherals. Performance and memory issues. Hardware interrupt programming.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- C S 235 - Data Structures and Algorithms
  AND EC EN 220 - Fundamentals of Digital Systems (Inactive)

OR

Complete ALL of the following Courses:
- C S 235 - Data Structures and Algorithms
  AND EC EN 224 - Introduction to Computer Systems

Learning Outcomes

Title
Microprocessors

Tags
180141, 3

Learning Outcome
Ability to understand basic microprocessor architecture

Title
Software

Tags
180232, 4

Learning Outcome
Ability to organize software in a complex embedded application

Title
Specifications

Tags
180298, 0

Learning Outcome
Ability to read and interpret device specifications

Title
Interrupts

Tags
180301, 1

Learning Outcome
Ability to write efficient interrupt service routines

Title
Drivers

Tags
180317, 2

Learning Outcome
Ability to write software to communicate with peripherals

EC EN 340 - Electronic Circuit Design 1

Course Information

Teaching Area (new)
EC EN

Course Number
340

Teaching Area
EC EN

Course Title
Electronic Circuit Design 1

Course Description
Analysis and design of electronic circuits with an emphasis on amplifier gain and frequency response.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 240 - Circuit Analysis and Laboratory
- MATH 213 - Elementary Linear Algebra
- MATH 215 - Computational Linear Algebra
- PHSCS 220 - Introduction to Electricity and Magnetism

Note
A help session is available; attendance is recommended.

Learning Outcomes

Title
Communication

Tags
180168, 3

Learning Outcome
Ability to document engineering/experimental results and to write summary reports.

Title
Application

Tags
180391, 0

Learning Outcome
Ability to apply electronic device models to the solution of a circuit problem.

Title
Knowledge

Tags
206715, 1

Learning Outcome
Ability to design amplifiers to produce solutions to complex problems.

Title
Equipment

Tags
206717, 5

Learning Outcome
Ability to use oscilloscopes, function generators, and DC power supplies to build and test electronic circuit designs

Title
Spice

Tags
206718, 6

Learning Outcome
Ability to use modeling software (LTSpice) to design electronic circuits.

EC EN 360 - Electromagnetic Fields and Waves

Course Information

Teaching Area (new)
EC EN

Course Number
360

Teaching Area
EC EN

Course Title
Electromagnetic Fields and Waves

Course Description
Analysis of transmission lines and electromagnetic waves including the development and application of Maxwell's equations.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 240 - Circuit Analysis and Laboratory
  AND MATH 314 - Calculus of Several Variables
  AND MATH 334 - Ordinary Differential Equations
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra
  AND PHSCS 220 - Introduction to Electricity and Magnetism

Learning Outcomes

Title
Electromagnetic Fields

Tags
180220, 3

Learning Outcome
Ability to analyze the interaction of electromagnetic fields with structures and materials.

Title
Mathematics

Tags
180234, 0

Learning Outcome
Application of differential equations to wave propagation.

Title
Calculus

Tags
180351, 1

Learning Outcome
Application of integral multivariate calculus to solve for electromagnetic fields.

Title
Wave Equations

Tags
180405, 2

Learning Outcome
Application of complex variables to phasor solutions of wave equations.

EC EN 380 - Signals and Systems

Course Information

Teaching Area (new)
EC EN

Course Number
380

Teaching Area
EC EN

Course Title
Signals and Systems

Course Description
Time and frequency domain analysis of discrete or continuous systems subjected to periodic or nonperiodic input signals.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 240 - Circuit Analysis and Laboratory
  AND MATH 334 - Ordinary Differential Equations
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra
  AND PHSCS 220 - Introduction to Electricity and Magnetism

Note
A help session is available. Attendance is recommended.

Learning Outcomes

Title
Continuous-Time Convolution Problems

Tags
180147, 3

Learning Outcome
Application of integral calculus to solve continuous-time convolution problems.

Title
Continuous-Time LTI System

Tags
180209, 1

Learning Outcome
Application of integral calculus, differential equations, complex variables, to transform analysis of a continuous-time LTI system.

Title
Tools

Tags
180330, 6

Learning Outcome
Ability to use Matlab or similar tools to analyze, model, simulate, and experiment with linear systems.

Title
Sampling Theory

Tags
206657, 5

Learning Outcome
An understanding of the consequences and principles associated with digitally sampling and reconstructing analog signals.

Title
Filter Design

Tags
206658, 7

Learning Outcome
Ability to interpret and synthesize signals and systems in both the time and frequency domains to meet functional requirements for the junior project.

Title
Laboratory Communication

Tags
206659, 8

Learning Outcome
Ability to track progress of laboratory experiments following professional lab book practices.

Title
Discrete-Time LTI System

Tags
180204, 0, 2

Learning Outcome
Application of integral calculus, difference equations, complex variables, to transform analysis of a discrete-time LTI system.

Title
Discrete-Time Convolution Problems

Tags
180256, 0, 4

Learning Outcome
Application of geometric series and related forms to solve discrete-time convolution problems.

EC EN 390 - Junior Team Design Project

Course Information

Teaching Area (new)
EC EN

Course Number
390

Teaching Area
EC EN

Course Title
Junior Team Design Project

Course Description
Culminating design experience based on skills learned in junior-level courses. Students works in teams to plan, design, and test a project based on the integration of components built in other classes.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 330 - Introduction to Embedded System Programming
  AND EC EN 340 - Electronic Circuit Design 1
  AND EC EN 380 - Signals and Systems

Learning Outcomes

Title
Decisions

Tags
180239, 2

Learning Outcome
Ability to define, understand, and participate in team decision making processes.

Title
Technology

Tags
180297, 4

Learning Outcome
Ability to combine new technology with custom built components

Title
Safety

Tags
180350, 5

Learning Outcome
Ability to apply safety issues to engineering hardware.

Title
Design

Tags
180262, 0, 0

Learning Outcome
Ability to complete a significant culminating design that draws upon the knowledge gained in prerequisite and concurrently enrolled courses.

Title
Requirements

Tags
180307, 0, 3

Learning Outcome
Ability to take high level customer requirements, identify from them the specifications a solution must meet, and formulate those specifications as an engineering problem.

EC EN 391 - Junior Seminar

Course Information

Teaching Area (new)
EC EN

Course Number
391

Teaching Area
EC EN

Course Title
Junior Seminar

Course Description
Seminars and colloquia on current topics in electrical and computer engineering, as well as ethics, contemporary issues, and life-long learning.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 240 - Circuit Analysis and Laboratory

Note
Attendance and some writing are required.

Learning Outcomes

Title
Ethics

Tags
207097, 4

Learning Outcome
An understanding of professional ethics, and the ability to make informed judgements in engineering scenarios.

Title
Lifelong Learning

Tags
207098, 5

Learning Outcome
The ability to apply research-based learning strategies for lifelong learning.

Title
Leadership and Working in Teams

Tags
207099, 6

Learning Outcome
The ability to recognize personal leadership attributes, and how those attributes might help or hinder the ability to work effectively in teams.

Title
Professional Preparation

Tags
207100, 7

Learning Outcome
An understanding of topics that are important for entry into the engineering profession including job placement and hiring, benefits, innovation and entrepreneurship, and intellectual property.

EC EN 423 - Computer Organization

Course Information

Course Number
423

Teaching Area
EC EN

Course Title
Computer Organization

Course Description
Architecture, organization and design of computer systems, including assembly language programming, computer arithmetic, instruction execution, performance analysis, pipelining, memory hierarchy, and the design of datapath and control logic.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- EC EN 320 - Fundamentals of Digital Systems
  OR EC EN 220 - Fundamentals of Digital Systems (Inactive)

Learning Outcomes

Title
Assembly Language

Tags
213749, 0, 1, 2023-08-29 08:43:24

Learning Outcome
Ability to read and write simple programs in assembly language

Title
Computer Arithmetic

Tags
213750, 0, 2, 2023-08-29 08:43:25

Learning Outcome
Ability to perform common binary arithmetic and logic operations

Title
Processor Organization

Tags
213751, 0, 3, 2023-08-29 08:43:27

Learning Outcome
Ability to create datapath elements used in instruction execution and the control logic which coordinates them

Title
Pipelining

Tags
213752, 0, 4, 2023-08-29 08:43:29

Learning Outcome
Ability to implement pipelining to improve processor performance

Title
Memory Hierarchy

Tags
213753, 0, 5, 2023-08-29 08:43:31

Learning Outcome
Understand the operation of caches in computer systems

Title
Processor Design

Tags
213754, 0, 6, 2023-08-29 08:43:32

Learning Outcome
Ability to construct RTL-level design of datapath and control elements for a pipelined processor

EC EN 426 - Computer Networks

Course Information

Teaching Area (new)
EC EN

Course Number
426

Teaching Area
EC EN

Course Title
Computer Networks

Course Description
Learn the principles and practices of network protocols used on the Internet. Develop software that interfaces with computer networks. Examine networking challenges such as reliability, security, and privacy.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 330 - Introduction to Embedded System Programming

Learning Outcomes

Title
Networking Principles

Tags
211574, 0, 1, 2021-11-30 12:33:45

Learning Outcome
Identify and explain the layers of the Internet networking stack and its purpose.

Title
Network Programming

Tags
211575, 0, 2, 2021-11-30 12:33:45

Learning Outcome
Build network programs using socket programming to interface with other computers.

Title
Networking Challenges

Tags
211576, 0, 3, 2021-11-30 12:33:45

Learning Outcome
Evaluate the challenges and trade-offs associated with building a reliable and secure networking application and protocol.

EC EN 427 - Embedded Systems

Course Information

Teaching Area (new)
EC EN

Course Number
427

Teaching Area
EC EN

Course Title
Embedded Systems

Course Description
Interfacing digital hardware components to an embedded system processor. Developing the hardware-software interface. Developing application software. Using C and assembly language in device-driver design, monitor-debugger, and real-time kernel. Lab.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- EC EN 323 - Computer Organization (Inactive)
  AND EC EN 330 - Introduction to Embedded System Programming

OR

Complete ALL of the following Courses:
- EC EN 330 - Introduction to Embedded System Programming
  AND EC EN 320 - Fundamentals of Digital Systems

Learning Outcomes

Title
Device Design

Tags
180178, 2

Learning Outcome
Design and implement bus-based digital I/O devices that comply with processor bus protocols.

Title
System Integration

Tags
180248, 1

Learning Outcome
Integrate custom I/O devices into microprocessor systems through correct bus interfacing, address mapping, and interrupt handling.

Title
Driver Development

Tags
180295, 3

Learning Outcome
Develop software drivers to operate custom hardware devices within an operating system environment.

Title
Specification Application

Tags
180335, 0

Learning Outcome
Interpret and apply device specifications to guide design, integration, and verification of hardware/software systems.

Title
Professional Growth and Service

Learning Outcome
Cultivate habits of lifelong learning and service by practicing peer support, collaboration, and adoption of new engineering practices.

EC EN 433 - Introduction to Robotics and Autonomy

Course Information

Course Number
433

Teaching Area
EC EN

Course Title
Introduction to Robotics and Autonomy

Course Description
In this course, you will learn about the fundamental components of a robotic system and gain hands-on experience developing and debugging a real-world robot. You will also gain a theoretical and practical understanding of essential tools commonly used to develop robotic systems including mathematical concepts (such as coordinate transformations and least-squares optimization), computer vision (pinhole camera models, homography, and basic image processing), planning algorithms (discrete vs continuous, graph search), control theory (PID controllers), and software tools (docker, python, git, and robotics middleware such as ROS).

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra
  AND MATH 113 - Calculus 2
  AND STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites
Knowledge of C, C++, or Python programming languages.

Recommended
MATH 314

Fee
Approximately $75 lab kit fee

Note
A lab fee of approximately $75 is required for this course.

Learning Outcomes

Title
Robot Motion Modeling, Odometry, and Coordinate Transformations

Learning Outcome
Students will gain a fundamental understanding of robot motion modeling, odometry, and coordinate transformations and will be able to apply these tools to track a robot's motion and transform sensor data from one frame to another.

Title
Computer Vision and Robotic Perception

Learning Outcome
Students will gain a fundamental understanding of computer vision and robotic perception including camera/image modeling, basic image processing, and 3D geometry and will be able to apply these tools to enable a robot to detect its lane.

Title
PID Control

Learning Outcome
Students will gain a fundamental understanding of PID control and will be able to apply these tools to enable a robot to control its motion or position to a specified command.

Title
Robotic Planning and Reasoning

Learning Outcome
Students will gain a fundamental understanding of robotic planning and reasoning and will be able to apply these tools to determine a course of action in an automated fashion.

Title
Debug and Analyze a Robotic System

Learning Outcome
Students will be able to debug and analyze an existing robotic system to determine the purpose of existing components and where things may be modified to enable new behaviors.

Title
Design a Robotic System

Learning Outcome
Students will be able to analyze a simple use-case/need and design a robotic system to address the proposed problem.

EC EN 445 - Introduction to Mixed-Signal VLSI

Course Information

Teaching Area (new)
EC EN

Course Number
445

Teaching Area
EC EN

Course Title
Introduction to Mixed-Signal VLSI

Course Description
VLSI circuit design emphasizing mixed-signal circuits such as D/A and A/D converters, phase-locked loops, S/H circuits. Associated laboratory provides layout-design experience.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 340 - Electronic Circuit Design 1

Learning Outcomes

Title
Communication

Tags
180227, 3

Learning Outcome
Ability to write lab reports.

Title
Circuit Theory

Tags
180305, 0, 0

Learning Outcome
Ability to analyze fundamentals of transistor circuits including gain, impedance, frequency response, and noise.

Title
Analog and Mixed-Signal Circuits

Tags
180213, 0, 1

Learning Outcome
Ability to design and analyze analog and mixed-signal circuits including feedback circuits, references, switched-capacitor circuits, and data converters.

Title
Technology

Tags
180287, 0, 5

Learning Outcome
Ability to use modern CAD tools including advanced features.

Title
Industry

Tags
180184, 0, 4

Learning Outcome
Ability to work with modern CAD tools.

EC EN 446 - Power Electronics

Course Information

Teaching Area (new)
EC EN

Course Number
446

Teaching Area
EC EN

Course Title
Power Electronics

Course Description
Introduces power electronic converters including ac/dc rectifiers, dc/dc converters and dc/ac inverters. Electronic motors including DC motors and induction motors. The application of power electronic to solar and wind power generation.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- EC EN 301 - Elements of Electrical Engineering.

OR

Prerequisites

Complete ALL of the following Courses:

- EC EN 340 - Electronic Circuit Design 1

Learning Outcomes

Title
Power Electronics

Tags
206719, 1

Learning Outcome
Understand the implications of power electronics to power grid systems and electric vehicles.

Title
Switch mode electronics

Tags
206720, 2

Learning Outcome
Apply fundamental concepts of switch mode electronics to develop efficient power electronic circuits and components.

Title
Electric Motors

Tags
206721, 3

Learning Outcome
Understand the fundamentals of electric motors, including efficiency, derive, and control methods.

Title
Moter Drivers

Tags
206722, 4

Learning Outcome
Apply the concepts of power electronics circuits to control and drive electric motors.

Title
Power Electronics Testing

Tags
206723, 5

Learning Outcome
Build, test, and analyze power electronic components in a laboratory setting including DC/DC/ converters, DC/AC inverters, AC/DC rectifiers.

EC EN 450 - Introduction to Semiconductor Devices

Course Information

Teaching Area (new)
EC EN

Course Number
450

Teaching Area
EC EN

Course Title
Introduction to Semiconductor Devices

Course Description
Physics of electronic and optical solid state devices; includes semiconductor materials, bipolar and FET device physics and modeling, optical properties of semiconductors, and lasers.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  OR CHEM 111 - Principles of Chemistry 1
- EC EN 240 - Circuit Analysis and Laboratory
  OR EC EN 301 - Elements of Electrical Engineering.

Learning Outcomes

Title
Charge Transport

Tags
180276, 1

Learning Outcome
Application of differential equations to charge transport in semiconducting material.

Title
Model p-n Junctions

Tags
180310, 0

Learning Outcome
Application of basic physical processes to model p-n junctions.

Title
Modeling MOS and MOS-related Devices

Tags
206661, 2

Learning Outcome
Application of the physical properties of device building blocks (pn junctions, metal semiconductor interfaces, MOS structures) to model MOSFET and memory device operation.

Title
Understanding Microfabrication Technology

Tags
206662, 3

Learning Outcome
Application of basic microfabrication processes to design semiconductor device fabrication process flows.

EC EN 452 - Experiments in Integrated Circuit Development

Course Information

Teaching Area (new)
EC EN

Course Number
452

Teaching Area
EC EN

Course Title
Experiments in Integrated Circuit Development

Course Description
Measurements of key silicon properties and fabrication of integrated circuits.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
EC En 450 or concurrent enrollment; or Ch En 481 or concurrent enrollment.

Learning Outcomes

Title
Tools

Tags
180159, 2

Learning Outcome
Ability to use modern microelectronics fabrication equipment.

Title
Fabricated Devices

Tags
180243, 0

Learning Outcome
Ability to analyze and interpret data measured from fabricated devices.

Title
MOSFET Devices

Tags
180309, 1

Learning Outcome
Ability to design processes for fabrication of MOSFET devices.

EC EN 462 - Electromagnetic Radiation and Propagation.

Course Information

Teaching Area (new)
EC EN

Course Number
462

Teaching Area
EC EN

Course Title
Electromagnetic Radiation and Propagation.

Course Description
Electromagnetic and optical theory including guided wave theory, modes, propagation in materials, radiation analysis, antenna analysis, and aperture diffraction.

Department
Electrical and Computer Engineering

When Taught
Fall Term 1.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 360 - Electromagnetic Fields and Waves

Learning Outcomes

Title
Electromagnetic Fields & Systems

Tags
180181, 2

Learning Outcome
Ability to model electromagnetic fields and systems using numerical algorithms and interpret results physically.

Title
Wave Propagation

Tags
180190, 1

Learning Outcome
Ability to analyze wave propagation in materials and guiding structures.

Title
EM Analysis

Tags
180429, 0

Learning Outcome
Application of vector differential, integral equation and geometric methods to EM analysis.

EC EN 464 - Wireless Communication Circuits

Course Information

Teaching Area (new)
EC EN

Course Number
464

Teaching Area
EC EN

Course Title
Wireless Communication Circuits

Course Description
Analysis, design, and fabrication of RF/microwave passive circuit structures, amplifiers, oscillators, and mixers. System concepts, including stability, gain, and noise figure.

Department
Electrical and Computer Engineering

When Taught
Fall Term 2.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
ECEn 462 or instructor's consent.

Learning Outcomes

Title
Microwave Systems

Tags
180142, 0

Learning Outcome
Ability to function in groups to design and test microwave systems.

Title
Microwave

Tags
180146, 1

Learning Outcome
Facility with microwave passive and active structures.

Title
Skills

Tags
180282, 2

Learning Outcome
Ability to simulate microwave systems and components.

EC EN 466 - Introduction to Optical Engineering

Course Information

Teaching Area (new)
EC EN

Course Number
466

Teaching Area
EC EN

Course Title
Introduction to Optical Engineering

Course Description
Introduces principles and practices of optical engineering including optical communications system and components.

Department
Electrical and Computer Engineering

When Taught
Fall Term 2.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 462 - Electromagnetic Radiation and Propagation.

Learning Outcomes

Title
Geometric Optics

Tags
205489, 0, 3

Learning Outcome
Application of linear algebra to find propagation characteristics in media both isotropic and anisotropic.

Title
Light Generation/Detection

Tags
205487, 0, 1

Learning Outcome
Application of space-bandwidth analysis to geometric and diffractive resolution problems.

Title
Light Modulation

Tags
205488, 0, 2

Learning Outcome
Application of differential equations to beam analysis problems.

EC EN 471 - Machine Learning: Foundations and Applications

Course Information

Course Number
471

Teaching Area
EC EN

Course Title
Machine Learning: Foundations and Applications

Course Description
Introduction to fundamental concepts of machine learning in an engineering context. Students will learn foundational mathematical principles underlying machine learning, select and implement machine learning algorithms, and evaluate and improve the performance of models. Special attention is given to engineering problems, including those involving time series data and dynamical systems.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists
  AND MATH 213 - Elementary Linear Algebra
  AND MATH 215 - Computational Linear Algebra
  AND C S 111 - Introduction to Computer Science

Complete ANY of the following :
These :

No selection provided

Recommended
Senior standing recommended.

Note
Laptop recommended.

Learning Outcomes

Title
Foundations

Learning Outcome
Learn the mathematical foundations of machine learning and be able to show how they are different than other types of analysis and predictive methods.

Title
Model Selection and Implementation

Learning Outcome
Select and implement fundamental machine learning models to solve problems relevant to electrical and computer engineering fields.

Title
Model Evaluation and Improvement

Learning Outcome
Evaluate and improve the performance of different types of fundamental machine learning models.

Title
Engineering Applications

Learning Outcome
Apply machine learning methods to time series data and dynamical systems.

EC EN 475 - Capstone Design 1

Course Information

Teaching Area (new)
EC EN

Course Number
475

Teaching Area
EC EN

Course Title
Capstone Design 1

Course Description
First semester of a two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- CYBER 350 - Database Principles and Applications
- CYBER 366 - Defensive Cybersecurity

OR

Complete ALL of the following Courses:

- EC EN 390 - Junior Team Design Project
- STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites

Senior standing (fewer than 30 hours remaining in the program) in electrical engineering, computer engineering, or related disciplines with instructor's consent.

Note

EC En 475 and 476 must be taken in consecutive fall and winter semesters.

Learning Outcomes

Title
Design Desirability and Transferability

Tags
180418, 4

Learning Outcome
Understand how artifact checks, performance testing, and validation testing are used to ensure the desirability and transferability of the design at each stage of development.

Title
Six Stages of Product Development

Tags
206669, 1

Learning Outcome
Understand the six stages of development through which designs evolve.

Title
Design Evolution

Tags
206670, 2

Learning Outcome
Understand how the requirements, tests, and design evolve through each stage of development.

Title
Skills in Product Development, Reporting and Presentation

Tags
206671, 5

Learning Outcome
Develop skills in project planning, idea generation, prototyping, developing engineering models, and conveying information both in writing and orally.

Title
Organizational Policies

Tags
206672, 6

Learning Outcome
Understand how to work within organizational policies to accomplish important goals.

Title
Project Teamwork

Tags
206673, 7

Learning Outcome
Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Analysis and Communication

Tags
206674, 8

Learning Outcome
As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

Title
Project Deliverables

Tags
206675, 9

Learning Outcome
Apply the understanding and skills from other outcomes while working with a project sponsor in a team setting to produce desirable and transferable product information through designing, building, and testing, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Network of Design Activities

Tags
206682, 3

Learning Outcome
Understand how a design network is used to cause the product information to evolve, and how the map can be customized for specific development projects.

EC EN 476 - Capstone Design 2

Course Information

Teaching Area (new)
EC EN

Course Number
476

Teaching Area
EC EN

Course Title
Capstone Design 2

Course Description
Second semester of a two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 475 - Capstone Design 1

Other Prerequisites
Senior standing (fewer than 30 hours remaining in the program) in electrical engineering, computer engineering, or related disciplines with instructor's consent.

Note
EC En 475 and 476 must be taken in consecutive fall and winter semesters.

Learning Outcomes

Title
Skills in Product Development Economics and Drawing Review

Tags
206676, 1

Learning Outcome
Develop skills in product development economics and engineering drawing review and checking.

Title
Crucial Design Skills

Tags
206677, 2

Learning Outcome
Develop and demonstrate a deep understanding in some of the following crucial design skill areas: Planning, Discovering, Creating, Representing, Modeling, Prototyping, Experimenting, Evaluating, Deciding, Conveying.

Title
Team Synergy

Tags
206678, 3

Learning Outcome
Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Analysis and Communication

Tags
206681, 4

Learning Outcome
As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

Title
Project Deliverables

Tags
206680, 0, 5

Learning Outcome
Apply the understanding and skills from ME EN/EC EN 475 and the other outcomes from ME EN/EC EN 476 while working with a project sponsor in a team setting to produce desirable and transferable designs, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

Title
Ethics

Tags
209662, 0, 6

Learning Outcome
Recognize ethical and professional responsibilities in engineering situations and make informed decisions, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

EC EN 483 - (EC En-Me En 431) Design of Control Systems.

Course Information

Teaching Area (new)
EC EN

Course Number
483

Teaching Area
EC EN

Course Title
(EC En-Me En 431) Design of Control Systems.

Course Description
Classical frequency response and time domain design of control systems. State-variable control and computer simulation of control systems.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- EC EN 380 - Signals and Systems

OR

Prerequisites

Complete ALL of the following Courses:
- ME EN 335 - Dynamic System Modeling and Analysis

Learning Outcomes

Title
Simulation Models

Tags
180259, 0

Learning Outcome
1. The ability to develop (nonlinear) mathematical models of complex dynamic systems.

Title
Final Value Theorem

Tags
180265, 3

Learning Outcome
2. Ability to use the final value theorem to predict steady state behavior.

Title
Design Models

Tags
180286, 1

Learning Outcome
3. The ability to simplify those models into linear transfer function and state space representations.

Title
Using Equations and Functions

Tags
180331, 4

Learning Outcome
4. Ability to model dynamic systems using differential equations, transfer functions, and state space equations.

Title
Design of PID Control

Learning Outcome
5. The ability to design PID controllers for systems described by linear time-invariant models.

Title
State Space Techniques

Learning Outcome
6. Ability to design feedback systems using state space techniques.

Title
Design of Loopshaping Control

Learning Outcome
7. The ability to use loopshaping techniques to design frequency domain controllers for systems described by linear time-invariant models.

Title
Using Software to Simulate Dynamics and Control

Learning Outcome
8. Ability to simulate dynamic systems and feedback controllers using modern programming languages.

EC EN 485 - Introduction to Digital Communication Theory

Course Information

Teaching Area (new)
EC EN

Course Number
485

Teaching Area
EC EN

Course Title
Introduction to Digital Communication Theory

Course Description
Analysis and design of digital communications systems in AWGN: signal space concepts, modulation, matched filter and correlation detection, synchronization, performance. Computer-based design exercises.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 380 - Signals and Systems
  AND STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Digital Communication

Tags
180145, 6

Learning Outcome
Ability to simulate digital communication systems using Simulink and Matlab.

Title
Digital Modulation

Tags
180152, 1

Learning Outcome
Application of linear algebra in describing digital modulation using the constellation representation.

Title
PLL Loop Filter

Tags
180245, 4

Learning Outcome
Ability to design the parameters of a PLL loop filter to meet given performance specifications.

Title
Statistics

Tags
180246, 2

Learning Outcome
Application of probability and statistics to bit error rate analysis of digital communication systems.

Title
Matched Filter Techniques

Tags
180293, 5

Learning Outcome
Ability to apply matched filter techniques to detection.

Title
Fourier Transform

Tags
180322, 0

Learning Outcome
An understanding of the relationship between the Fourier transform of continuous-time signal and the DTFT of its samples.

EC EN 487 - Introduction to Discrete-Time Signal Processing

Course Information

Teaching Area (new)
EC EN

Course Number
487

Teaching Area
EC EN

Course Title
Introduction to Discrete-Time Signal Processing

Course Description
Digital signal processing, fast Fourier transforms, digital filter design, spectrum analysis. Applications in speech processing, SONAR, communications, etc.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 380 - Signals and Systems
  AND STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Probability Theory

Tags
180156, 1

Learning Outcome
Ability to apply principles of probablity theory for analysis and numerical estimation of power spectral densities.

Title
DSP functions & Algorithms

Tags
180160, 2

Learning Outcome
Ability to use basic DSP functions and algorithms (i.e., FIR filters, IIR filters, polyphase systems, windows, FFTs, etc.) to formulate and solve engineering problems.

Title
Experiments

Tags
180254, 3

Learning Outcome
Ability to perform experiments with real-world signals and DSP systems, including discrete-time filters, spectrum analyzer, acoustic direction finding, etc.

Title
Tools

Tags
180278, 4

Learning Outcome
Ability to use software tools such as Matlab (R) to design, implement, and debug DSP functions.

Title
Application of Mathematics

Tags
180358, 5

Learning Outcome
Application of integral calculus, discrete math, and complex variables, and transform theory to discrete-time signal processing.

EC EN 493R - Special Topics in Electrical and Computer Engineering

Course Information

Teaching Area (new)
EC EN

Course Number
493R

Teaching Area
EC EN

Course Title
Special Topics in Electrical and Computer Engineering

Course Description
Topics vary. Recent developments in electrical and computer engineering.

Department
Electrical and Computer Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Learning Outcomes

Title
Special Topics in ECEn

Tags
180150, 0

Learning Outcome
Ability to understand and apply a diverse range of special topics in electrical and computer engineering.

EC EN 512 - Biomedical Instrumentation

Course Information

Teaching Area (new)
EC EN

Course Number
512

Teaching Area
EC EN

Course Title
Biomedical Instrumentation

Course Description
Biomedical instrumentation concepts including signal conditioning, pre-amplification, impedance matching, and transduction. Introduction to biomedical signal sources such as blood oxygenation, biopotentials, and free ion conductivity. Practical biomedical sensor design and construction.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- EC EN 340 - Electronic Circuit Design 1
  OR EC EN 301 - Elements of Electrical Engineering.

Learning Outcomes

Title
Biosignal Transduction

Learning Outcome
Students will be able to design, select, and configure the appropriate transducer to acquire a biopotential from a living system.

Title
Biosignal Conditioning and Digitization

Learning Outcome
Students will interface sensing devices to an appropriate digital acquisition system through conditioning circuitry.

Title
Data Analysis

Learning Outcome
Students will analyze experimental data for quantitative analysis.

Title
Communication

Learning Outcome
Students will develop communication skills thorough formal reports and presentations.

EC EN 520 - Advanced Digital Systems

Course Information

Teaching Area (new)
EC EN

Course Number
520

Teaching Area
EC EN

Course Title
Advanced Digital Systems

Course Description
Advanced synchronous systems design; CAD and HDLs; high-speed, low-power digital circuit architectures.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 320 or proficiency in HDL digital system design.

Learning Outcomes

Title
3.

Tags
180144, 3

Learning Outcome
Be able to design and deploy appropriate verification strategies for digital systems.

Title
1.

Tags
180175, 1

Learning Outcome
Be able to do design and analysis of digital systems using both the VHDL and Verilog languages and targeting a variety of different configurable devices.

Title
2.

Tags
180218, 2

Learning Outcome
Understand the issues associated with and be able to analyze the power consumption of digital designs.

Title
4.

Tags
180285, 4

Learning Outcome
Understand the low level details of FPGA chip architectures sufficient to enable the creation of optimized circuits which take advantage of chip-specific features.

EC EN 521 - Introduction to Algorithm Design

Course Information

Teaching Area (new)
EC EN

Course Number
521

Teaching Area
EC EN

Course Title
Introduction to Algorithm Design

Course Description
Algorithm analysis, data structures, sorting and searching, graph traversal, weighted graph algorithms, combinational search and heuristic methods, dynamic programming, approximation algorithms, designing algorithms.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
C S 235, C S 236, and EC En 330; or equivalents

Recommended
Strong programming skills

Learning Outcomes

Title
Understand and apply the following:

Tags
180374, 1

Learning Outcome

An understanding of well-known algorithms and data structures and the ability to adapt them to solve a variety of computational problems.
The ability to determine the complexity class of algorithms.

EC EN 522R - Special Topics in Computer Systems

Course Information

Teaching Area (new)
EC EN

Course Number
522R

Teaching Area
EC EN

Course Title
Special Topics in Computer Systems

Department
Electrical and Computer Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Understand and apply the following:

Tags
180371, 0

Learning Outcome

Understand special topics in signals and systems.

EC EN 523 - Computer System Reliability

Course Information

Teaching Area (new)
EC EN

Course Number
523

Teaching Area
EC EN

Course Title
Computer System Reliability

Course Description
Analysis, modeling, and design of reliable, fault-tolerant computing systems.

Department
Electrical and Computer Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
EC En 320, 324, 370

Learning Outcomes

Title
Reliaiblity Concepts

Tags
180362, 1

Learning Outcome
Understanding of fundamental reliability concepts and terminology

Title
Reliability Techniques

Tags
180363, 2

Learning Outcome
Ability to apply common reliability techniques such as redundancy and encoding to improve system reliability

Title
Reliaiblity Analysis

Tags
180364, 3

Learning Outcome
Ability to mathematically analyze the reliability of computer systems and reliability improving techniques

EC EN 526 - Wireless Networking

Course Information

Teaching Area (new)
EC EN

Course Number
526

Teaching Area
EC EN

Course Title
Wireless Networking

Course Description
Principles and practices of wireless networks, including design, implementation, protocols, and applications. Examination and comparison of popular wireless protocols.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
CS 235, EC En 330, EC En 380; or equivalents.

Learning Outcomes

Title
Network Reliability

Tags
211577, 0, 1, 2021-11-30 12:34:35

Learning Outcome
Be able to design a reliable network communication protocol, dealing with lost and corrupted data.

Title
Network Security

Tags
211578, 0, 2, 2021-11-30 12:34:35

Learning Outcome
Demonstrate the principles of secure communication in popular wireless protocols and identify common attack vectors.

Title
Wireless Protocol Design

Tags
211579, 0, 3, 2021-11-30 12:34:35

Learning Outcome
Evaluate the challenges and trade-offs of designing a wireless protocol. Know the design methodology and design decisions of popular wireless protocols.

Title
Wireless Networking Research

Tags
211580, 0, 4, 2021-11-30 12:34:35

Learning Outcome
Be capable of reading and understanding research papers in the area of wireless networking.

EC EN 528 - High Performance Parallel Computing

Course Information

Teaching Area (new)
EC EN

Course Number
528

Teaching Area
EC EN

Course Title
High Performance Parallel Computing

Course Description
Explore GPU, multi-core and distributed architectures. Programming topics include forms of parallelism, decomposition, scaling issues, data locality, computation patterns, parallel libraries, languages, and performance analysis. Parallel application examples illustrate design principles and potential performance benefits.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
EC En 330 or equivalent.

Recommended
Strong programming skills are required with exposure to C/C++.

Learning Outcomes

Title
Architecture

Tags
213755, 0, 1, 2023-08-29 08:44:10

Learning Outcome
Ability to compare and contrast parallel computing architectures (GPU, SMP, cluster…).

Title
Programming models, libraries

Tags
213756, 0, 2, 2023-08-29 08:44:11

Learning Outcome
Ability to write performant software using common parallel computation patterns (vector, matrix, convolution, stencil…).

Title
Application examples

Tags
213757, 0, 3, 2023-08-29 08:44:12

Learning Outcome
Acquire a practical knowledge of how parallelism is used effectively in a few application examples (design principles).

Title
Labs

Tags
213758, 0, 4, 2023-08-29 08:44:13

Learning Outcome
Ability to apply benchmarking techniques and profiling tools to analyze application performance (optimization).

EC EN 536 - Autonomous Aircraft Guidance, Navigation, and Control

Course Information

Teaching Area (new)
EC EN

Course Number
536

Teaching Area
EC EN

Course Title
Autonomous Aircraft Guidance, Navigation, and Control

Course Description
Dynamics of fixed-wing aircraft fight, stability, and control derivatives, longitudinal and lateral control design; state-space control strategies for aircraft; and autonomous aircraft applications.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

EC EN 541 - Active and Passive Filter Design

Course Information

Teaching Area (new)
EC EN

Course Number
541

Teaching Area
EC EN

Course Title
Active and Passive Filter Design

Course Description
Design methods for electronic filters based on passive components, active components, and integrated circuit components.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECEn 340, 380; or equivalents

Learning Outcomes

Title
4

Tags
180187, 3

Learning Outcome
Learn how to use active circuits, resistors, and capacitors to create desired filter responses with no inductors.

Title
1

Tags
180194, 0

Learning Outcome
Learn the relationship between transfer function pole and zero locations in the Laplace plane and the frequency response of the circuit.

Title
2

Tags
180247, 1

Learning Outcome
Learn the form of transfer function to lead to Butterworth, Chebyshev,and linear phase filters.

Title
5

Tags
180279, 4

Learning Outcome
Become familiar with the latest integrated circuit active synthesis methods.

Title
3

Tags
180315, 2

Learning Outcome
Be able to design passive LC filters with prescribed transfer functions.

EC EN 542R - Special Topics in Electronics

Course Information

Teaching Area (new)
EC EN

Course Number
542R

Teaching Area
EC EN

Course Title
Special Topics in Electronics

Department
Electrical and Computer Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
1

Tags
180257, 0

Learning Outcome
Understand special topics in electronics

EC EN 543 - CMOS Amplifier Design

Course Information

Teaching Area (new)
EC EN

Course Number
543

Teaching Area
EC EN

Course Title
CMOS Amplifier Design

Course Description
Factors affecting performance of MOS devices in analog applications. Design of MOS amplifiers, buffers, and comparators.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECEn 443 or 445 or equivalent.

Learning Outcomes

Title
2

Tags
180174, 1

Learning Outcome
Learn how to design components used such as current mirrors in CMOS amplifier design.

Title
4

Tags
180183, 3

Learning Outcome
Understand the frequency response and stability problems of op amps.

Title
1

Tags
180320, 0

Learning Outcome
Understand MOSFET operation at an advanced level.

Title
5

Tags
180342, 4

Learning Outcome
Learn how to compensate op amps to improve stability.

Title
3

Tags
180359, 2

Learning Outcome
Learn the basic op amp configurations.

EC EN 548 - Analog CMOS Circuit Design

Course Information

Teaching Area (new)
EC EN

Course Number
548

Teaching Area
EC EN

Course Title
Analog CMOS Circuit Design

Course Description
Design of CMOS switched-capacitor circuits, DAC architectures, ADC architectures, Nyquist and oversampling architectures

Department
Electrical and Computer Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECEn 443 or 445 or equivalent

Learning Outcomes

Title
2

Tags
180231, 1

Learning Outcome
Learn how to design comparators, references, charge-transfer amplifiers, and D/A and A/D circuits.

Title
1

Tags
180233, 0

Learning Outcome
Learn how to characterize comparators, wideband amplifiers, bandgap references, multipliers, PTAT generators, charge transfer amplifiers, and advanced D/A and A/D circuits.

Title
3

Tags
180327, 2

Learning Outcome
Understand the differences between the BJT Gilbert multiplier and the CMOS Gilbert-like multiplier.

EC EN 549 - VLSI Communication Circuit Design

Course Information

Teaching Area (new)
EC EN

Course Number
549

Teaching Area
EC EN

Course Title
VLSI Communication Circuit Design

Course Description
Frequency synthesizers; low-jitter, voltage-controlled oscillators; high Q circuits; clock regeneration; phase-locked loops; frequency discriminators; and radio-on-a-chip concepts.

Department
Electrical and Computer Engineering

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECEn 443 or 445 or equivalent

Learning Outcomes

Title
4.

Tags
180157, 3

Learning Outcome
Understand the technical specifications that characterize modern wireless systems.

Title
1.

Tags
180163, 0

Learning Outcome
Understand the challenges of designing modern wireless circuits such as wireless local area networks, cell phones, Bluetooth, and other systems.

Title
3.

Tags
180238, 2

Learning Outcome
Learn the modulation methods and bandwidth requirements for wireless transceivers.

Title
2.

Tags
180300, 1

Learning Outcome
Learn the various architectures of wireless transceivers suited to MOSFET circuit design.

Title
5.

Tags
180311, 4

Learning Outcome
Learn how to implement components of wireless systems using MOSFET integrated circuits.

EC EN 550 - (EC En-Me En) Microelectromechanical Systems (MEMS).

Course Information

Teaching Area (new)
EC EN

Course Number
550

Teaching Area
EC EN

Course Title
(EC En-Me En) Microelectromechanical Systems (MEMS).

Course Description
Design, fabrication, and applications of MEMS. Mechanical properties governing their design and reliability and the processing technologies used to fabricate them.

Department
Electrical and Computer Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 450 or Me En 372 or equivalent

EC EN 551 - Introduction to Digital VLSI Circuits

Course Information

Teaching Area (new)
EC EN

Course Number
551

Teaching Area
EC EN

Course Title
Introduction to Digital VLSI Circuits

Course Description
Design of very large-scale integrated circuits for digital systems. CAD tools used extensively to simulate the design and create and verify mask circuits.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EC EN 340 - Electronic Circuit Design 1
- EC EN 320 - Fundamentals of Digital Systems

Learning Outcomes

Title
Translate Digital Logic to CMOS Circuits

Tags
180189, 1

Learning Outcome
Ability to translate digital logic to CMOS circuits to achieve desired behavior and performance requirements.

Title
CMOS Layout

Tags
180207, 2

Learning Outcome
Ability to perform CMOS layout.

Title
Techniques

Tags
180292, 4

Learning Outcome
Ability to characterize timing and noise in CMOS circuits.

Title
Tools

Tags
180302, 3

Learning Outcome
Ability to use eCAD tools for CMOS design.

Title
CMOS Circuits

Tags
180334, 0

Learning Outcome
Ability to analyze CMOS circuits.

EC EN 555 - Optoelectronic Devices

Course Information

Teaching Area (new)
EC EN

Course Number
555

Teaching Area
EC EN

Course Title
Optoelectronic Devices

Course Description
Design, operation, and fabrication of modern optoelectronic devices, including photodiodes, photovoltaics, LEDs, and lasers.

Department
Electrical and Computer Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
ECEn 450 or equivalent or instructor's consent.

Learning Outcomes

Title
2.

Tags
180166, 1

Learning Outcome
Be familiar with the tools and processes used in fabricating the following optoelectronic components - LEDs, lasers, photodiodes, and photovoltaics.

Title
1.

Tags
180208, 0

Learning Outcome
Use principles of physics to analyze and design the following optoelectronic components – LEDs, lasers, photodiodes, and photovoltaics.

Title
3.

Tags
180289, 2

Learning Outcome
Understand metrics of optoelectronics devices and be able to incorporate them into systems for optimal performance.

EC EN 560 - Electromagnetic Wave Theory

Course Information

Teaching Area (new)
EC EN

Course Number
560

Teaching Area
EC EN

Course Title
Electromagnetic Wave Theory

Course Description
Principles and methods of modern electromagnetic wave theory: anisotropic media, dyadic green functions, Huygen's principle, contour integration methods, asymptotic integration. Applications in radiation and scattering.

Department
Electrical and Computer Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 462 or equivalent.

Learning Outcomes

Title
2.

Tags
180196, 1

Learning Outcome
Ability to use Green's function to model radiation.

Title
1.

Tags
180210, 0

Learning Outcome
Ability to analyze propagation in media.

Title
3.

Tags
180324, 2

Learning Outcome
Ability to apply electromagnetic theorems to boundary value problems.

EC EN 562 - Integrated Quantum and Classical Photonics

Course Information

Teaching Area (new)
EC EN

Course Number
562

Teaching Area
EC EN

Course Title
Integrated Quantum and Classical Photonics

Course Description
Design, fabrication, and analysis of chip-scale optical circuits. Classical and quantum performance characteristics of several circuit components, as well as applications in computing, sensing, and communications. Students will design a custom integrated photonic circuit, which will be fabricated and tested in a silicon foundry during the semester. Students will analyze their measured devices using the tools learned in the class.

Department
Electrical and Computer Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 462, 466; or equivalents.

Learning Outcomes

Title
4.

Tags
180199, 3

Learning Outcome
Become familiar with the modern test and evaluation tools for fiber optic systems, including the OTDR Time Domain Reflectometer (OTDR), Optical Spectrum Analyzer (OSA), and Optical Oscilloscopes for eye diagram analysis.

Title
3.

Tags
180236, 2

Learning Outcome
Examine a topic of current interest in optical systems and make an oral presentation to the class.

Title
1.

Tags
180263, 0

Learning Outcome
Learn the fundamental properties of optical fiber channels, sources and detectors.

Title
2.

Tags
180332, 1

Learning Outcome
Design an optical fiber system while considering the bandwidth, distance required, and expense.

EC EN 563 - Numerical Methods for Engineering

Course Information

Teaching Area (new)
EC EN

Course Number
563

Teaching Area
EC EN

Course Title
Numerical Methods for Engineering

Course Description
Introduction to numerical methods for engineering. Algorithms for numerical integration, large linear system solutions, finite difference methods, method of moments, and the finite element method, with examples from wave propagation and electromagnetic field theory.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 462 or equivalent

EC EN 564 - Radar and Communication Systems

Course Information

Teaching Area (new)
EC EN

Course Number
564

Teaching Area
EC EN

Course Title
Radar and Communication Systems

Course Description
Design and performance of radar and communication systems: radar equation ambiguity functions, modulation, signal detection, link budgets, spread spectrum, system design, and performance trade-offs.

Department
Electrical and Computer Engineering

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC En 464 or 485; EC En 360 or 462; or instructor's consent.

Learning Outcomes

Title
4.

Tags
180161, 3

Learning Outcome
Communicate design and analysis concepts.

Title
5.

Tags
180216, 4

Learning Outcome
Research practical systems.

Title
6.

Tags
180253, 5

Learning Outcome
Write original reports about practical radar and satellite systems.

Title
3.

Tags
180264, 2

Learning Outcome
Practice applying system performance and tradeoff techniques for the design of radars and satellite telecommunication systems

Title
2.

Tags
180284, 1

Learning Outcome
Understand design and system performance tradeoffs for such systems.

Title
1.

Tags
180344, 0

Learning Outcome
Understand the basic concepts in modern surveillance radar and satellite telecommunication systems including the radar ambiguity function, modulation, signal detection, link budgets, spread spectrum, and system design.

EC EN 567 - Physical Optics

Course Information

Teaching Area (new)
EC EN

Course Number
567

Teaching Area
EC EN

Course Title
Physical Optics

Course Description
Concepts of physical optics. In physical optics the dominant property of light is its wave nature. In this course we use a variety of models, including the scalar wave, electromagnetic wave, and statistical optics models, to examine the phenomena of interference, coherence, polarization, and absorption and dispersion. We learn not only the fundamental aspects of these topics, but also concrete applications that are ubiquitous in the technology of our modern world.

Department
Electrical and Computer Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECEn 462 or equivalent.

EC EN 568 - Microwave Remote Sensing

Course Information

Teaching Area (new)
EC EN

Course Number
568

Teaching Area
EC EN

Course Title
Microwave Remote Sensing

Course Description
Emphasis on space-borne remote sensing of the earth's atmosphere, land, and oceans. Primary methods and applications for both active (radar) and passive (radiometry).

Department
Electrical and Computer Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
2.

Tags
180153, 1

Learning Outcome
Understand and experience applications of remote sensing.

Title
6.

Tags
180169, 5

Learning Outcome
Research practical systems.

Title
5.

Tags
180221, 4

Learning Outcome
Communicate research results.

Title
1.

Tags
180223, 0

Learning Outcome
Understand design and system performance tradeoffs for microwave sensors.

Title
3.

Tags
180241, 2

Learning Outcome
Practice applying system performance and tradeoff techniques for the design of radars and satellite telecommunication systems.

Title
4.

Tags
180269, 3

Learning Outcome
Conduct original research in the application of remote sensing.

Title
7.

Tags
180340, 6

Learning Outcome
Write an original report about a sensor system.

EC EN 576 - Medical Imaging and Image Reconstruction

Course Information

Teaching Area (new)
EC EN

Course Number
576

Teaching Area
EC EN

Course Title
Medical Imaging and Image Reconstruction

Course Description
Fundamentals of medical imaging modalities (x-ray, CT, ultrasound, and MRI) from a signals and systems perspective, magnetic resonance physics, medical image reconstruction methods (backprojection, partial-Fourier techniques, parallel imaging, compressed sensing).

Department
Electrical and Computer Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EC EN 380 or EC EN 351 or instructor permission

Learning Outcomes

Title
Understand and apply the following:

Tags
180373, 1

Learning Outcome

Develop a familiarity with the basic biomedical imaging modalities and their history (x-ray, CT, ultrasound, MRI, and nuclear medicine).
Develop a working knowledge of the basic physics, engineering, and instrumentation principles underpinning each modality.
Deepen their understanding of the typical applications for each modality, and of each modality's strengths and weaknesses.
Develop a deep understanding of the physics of MRI, MRI image acquisituion, and reconstruction techniques, and be able to apply that knowledge to the analysis and solution of typical problems arising in MRI image acquisition and reonstruction.

EC EN 595 - Fundamentals of Patents and Other Intellectual Property

Course Information

Teaching Area (new)
EC EN

Course Number
595

Teaching Area
EC EN

Course Title
Fundamentals of Patents and Other Intellectual Property

Course Description
Exploration of the basics of patent law and other areas of intellectual property, including trademarks, trade secrets and copyrights. The fundamentals of protecting and formalizing rights to inventions and other intellectual property, both in the United States and internationally. How to operate in an environment composed of your competitors' intellectual property.

Department
Electrical and Computer Engineering

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

EC EN592R - Teaching Experience for ECEn

Course Information

Course Number
592R

Teaching Area
EC EN

Course Title
Teaching Experience for ECEn

Course Description
Learn teaching techniques and best practices and apply engineering skills and knowledge by mentoring undergraduate students in a class and laboratory setting under the direction of a faculty member.

Department
Electrical and Computer Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0.5

Learning Outcomes

Title
Teaching and mentoring

Tags
213759, 0, 1, 2023-08-29 08:45:06

Learning Outcome
Develop the ability to teach and mentor students in the discipline

Tags
213760, 0, 2, 2023-08-29 08:45:07

Learning Outcome
Learn to create, administer, and evaluate assessments of learning

ECE 200 - Foundations of Early Childhood Education

Course Information

Teaching Area (new)
ECE

Course Number
200

Teaching Area
ECE

Course Title
Foundations of Early Childhood Education

Course Description
This course provides potential teacher candidates with an introduction to early childhood education and includes an opportunity for experiences in a diverse public preschool setting.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Fingerprint/Background Clearance

Learning Outcomes

Title
Foundations of Early Childhood Education

Tags
212615, 0, 1, 2022-12-20 16:48:58

Learning Outcome
Identify the historical and philosophical foundations of early childhood education and public education.

Title
Developmentally Appropriate Practice

Tags
212616, 0, 2, 2022-12-20 16:48:58

Learning Outcome
Explain the core considerations and guiding principles of developmentally appropriate practice in early childhood classrooms including anti-bias practices.

Title
Curriculum

Tags
212617, 0, 3, 2022-12-20 16:48:58

Learning Outcome
Describe the curriculum models used in early childhood settings.

Title
Professionalism

Tags
212618, 0, 4, 2022-12-20 16:48:58

Learning Outcome
Demonstrate the dispositions needed to be an effective early childhood educator.

ECE 202 - Foundations of Child Development

Course Information

Teaching Area (new)
ECE

Course Number
202

Teaching Area
ECE

Course Title
Foundations of Child Development

Course Description
Understanding the development of the whole child including cognitive, social, emotional, linguistic, and physical development and how to apply it to planning, teaching, and assessing children.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 210 - Human Development

Learning Outcomes

Title
Foundations of Child Development

Tags
206951, 1

Learning Outcome

Developing Dispositions
Teacher candidates will develop dispositions that are grounded in moral, spiritual, and intellectual understandings that recognize the potential of individual students within the contexts in which they live and develop.
Understanding Child Development
Teacher candidates will understand core issues related to child development. This includes knowledge about theories of cognitive, linguistic, physical, social, emotional and moral development, and how students develop within the various contexts of early and middle childhood.
Connecting to Classroom Instruction and Assessment
Teacher Candidates will make informed, defensible, and appropriate decisions about classroom instruction and assessment, based on knowledge, that maximizes essential learning and development for all learners.

ECE 299R - Prek-K Practicum

Course Information

Teaching Area (new)
ECE

Course Number
299R

Teaching Area
ECE

Course Title
Prek-K Practicum

Course Description
Initial field experience designed to give students opportunities to interact with children (prek-k) and apply skills and knowledge acquired in program courses including developmentally appropriate teaching strategies that meet children's individual learning needs.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
8

Other Prerequisites
Fingerprint/Background Check

Recommended
Concurrent enrollment in ECE 330, ECE 333, ECE 336, IP&T 370

Learning Outcomes

Title
Reflective Practice

Tags
212619, 0, 1, 2022-12-20 16:49:44

Learning Outcome
Observe and reflect with the intent to improve practice.

Title
Child Guidance

Tags
212620, 0, 2, 2022-12-20 16:49:44

Learning Outcome
Use child guidance strategies to effectively support children's learning.

Title
Learner Development

Tags
212621, 0, 3, 2022-12-20 16:49:44

Learning Outcome
Apply knowledge of developmentally appropriate practices to support children's development and learning.

Title
Professionalism

Tags
212622, 0, 4, 2022-12-20 16:49:44

Learning Outcome
Demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

Title
Nurturing Pedagogy

Tags
212623, 0, 5, 2022-12-20 16:49:44

Learning Outcome
Design and provide developmentally appropriate instruction and assessment in small and whole group settings.

ECE 301 - Physical Education, Health, and Play

Course Information

Teaching Area (new)
ECE

Course Number
301

Teaching Area
ECE

Course Title
Physical Education, Health, and Play

Course Description
This course prepares pre-service teachers with an understanding of the foundational motor skills and content specific to physical education and health as they consider play as an important pedagogical approach to support physical and emotional development, health, and wellness.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
PE and Health Content

Tags
212624, 0, 1, 2022-12-20 16:55:13

Learning Outcome
Students will apply foundational knowledge of motor skills and developmentally appropriate practice to prek-3rd grade physical education and health content.

Title
Learning Through Play

Tags
212625, 0, 2, 2022-12-20 16:55:13

Learning Outcome
Students will apply play-based theory/practice to prek-3rd grade health and physical education curriculum.

Title
Developmentally Appropriate Pedagogy

Tags
212626, 0, 3, 2022-12-20 16:55:13

Learning Outcome
Students will create and reflect on physical education and health activities using movement and play.

ECE 322 - Parenting and Child Guidance in Early Childhood

Course Information

Teaching Area (new)
ECE

Course Number
322

Teaching Area
ECE

Course Title
Parenting and Child Guidance in Early Childhood

Course Description
Address young children's socio-emotional development in early childhood classrooms. Review theory and research to related peer interactions and parent-child and teacher-student relationships. Develop an understanding of instructional strategies and guidance practices in early childhood classrooms.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 202 - Foundations of Child Development

Learning Outcomes

Title
Parenting and Guidance in ECE

Tags
178900, 1

Learning Outcome
ECE 322 is currently an inactive course. Learning outcomes will be created when this course is offered.

ECE 323 - Integrated Curriculum in Programs for Young Children

Course Information

Teaching Area (new)
ECE

Course Number
323

Teaching Area
ECE

Course Title
Integrated Curriculum in Programs for Young Children

Course Description
Implementing integrated learning experiences in dance, music, drama, and visual art for the very young, including importance of home, family, and environments on child's aesthetic growth.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admittance to either ECE or El Ed licensing programs. Dual majors, please see advisor

Learning Outcomes

Title
Cognitive Processes for Learning

Tags
178524, 2

Learning Outcome
2. The student will understand the cognitive processes associated with various kinds of learning (e.g., critical and creative thinking, problem structuring and problem solving, invention, memorization and recall).

Title
Factors That Impact Learning

Tags
178525, 1

Learning Outcome
1. The student will recognize the significance of factors that impact children's learning and development

Title
Integrated Curriculum and Social/Emotional Development

Tags
178526, 3

Learning Outcome
3. The student will understand how an integrated curriculum not only addresses children's cognitive development but how social and emotional development is also incorporated into learning activities.

Title
Integrating Parents and Family

Tags
178527, 4

Learning Outcome
4. The student will know how to integrate the parents and family into the curriculum.

Title
Understand Instructional Strategies

Tags
178528, 5

Learning Outcome
5. The student will become aware of the principles and techniques along with advantages and limitations associated with various instructional strategies (e.g., cooperative learning, direct instruction, discovery learning, whole group instruction, independent study and interdisciplinary instruction).

Title
National and State Curriculum

Tags
178529, 6

Learning Outcome
6. The student will become familiar with the value and use of national and state curriculum standards in developing curriculum.

Title
Evaluating Resources

Tags
178530, 7

Learning Outcome
7. The student will evaluate teaching resources and curriculum materials for usefulness, relevance and appropriateness in teaching ideas and concepts to young children and develop integrated learning activities (e.g., activity enhancers, learning centers, thematic activities, literature extensions, etc.).

Title
Human and Technological Resources

Tags
178531, 8

Learning Outcome
8. The student will know how to enhance learning through the use of a wide variety of materials as well as human and technological resources (e.g., computers, audiovisual technologies, videotapes and discs,local experts, primary documents and artifacts, texts, reference books, literature and other printresources).

Title
Creating Learning Experiences

Tags
178532, 9

Learning Outcome
9. The student will create developmentally appropriate learning experiences using integrated curriculum strategies (e.g., project work, curriculum mapping) that encourage and allow children tointegrate knowledge, skills and methods of inquiry from several subject areas and thatmaximize student progress.

Title
Culturally Appropriate Learning Experiences

Tags
178533, 10

Learning Outcome
10. The student will create culturally appropriate learning experiences for children utilizing integrated curriculum strategies. Understand the importance of a multicultural and anti-bias curriculum.

ECE 324 - Planning and Management

Course Information

Teaching Area (new)
ECE

Course Number
324

Teaching Area
ECE

Course Title
Planning and Management

Course Description
Learning principles, lesson planning, classroom atmosphere, classroom management, professional attitudes and practices.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admittance to ECE program.

Learning Outcomes

Title
Planning and Assessment

Tags
178848, 1

Learning Outcome
Teacher candidates will demonstrate an in-depth understanding of the planning and assessment cycle and backwards planning strategies to align assessments to lesson objectives.

Title
Assessment Data and Analysis

Tags
178849, 2

Learning Outcome
Teacher candidates will collect and analyze formative and summative data from on-going assessments to support student learning and development.

Title
Designing Curricula

Tags
178850, 3

Learning Outcome
Teacher candidates will apply their understanding of gospel truths, early development, core standards, instructional strategies, developmentally appropriate practice, vertical alignment, and differentiated learning to create lesson plans.

ECE 327 - Assessment and Action Research in Early Childhood Programs

Course Information

Teaching Area (new)
ECE

Course Number
327

Teaching Area
ECE

Course Title
Assessment and Action Research in Early Childhood Programs

Course Description
Formal and informal assessment strategies and data collection procedures for evaluating children's progress; programs to enhance learning, individualize instruction, and communicate with others.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admittance to ECE program

Learning Outcomes

Title
Understanding Different Assessments

Tags
178534, 2

Learning Outcome
2. The student will understand the characteristics, uses, advantages, and limitations of different types of assessments.

Title
Understanding Parts of an Assessment

Tags
178535, 1

Learning Outcome
1. The student will understand major concepts, conditions, and assumptions central to assessment.

Title
Using Assessments and Learning Outcomes

Tags
178536, 3

Learning Outcome
3. The student will select, construct, and use assessment strategies and instruments appropriate to learning outcomes being evaluated and to other diagnostic purposes.

Title
Measurement Theory

Tags
178537, 4

Learning Outcome
4. The student will understand measurement theory and assessment-related issues, such as validity, reliability, bias and scoring concerns.

Title
Culturally and Developmentally Relevant Assessment

Tags
178538, 5

Learning Outcome
5. The student will recognize the importance of culturally and developmentally relevant assessment

Title
Formal and Informal Assessments

Tags
178539, 6

Learning Outcome
5. The student will appropriately use a variety of formal and informal assessment techniques to enhance his or her knowledge of learners, evaluate students' progress and performances and modify teaching and learning strategies.

Title
Self Assessment

Tags
178540, 7

Learning Outcome
6. The student will use assessment strategies to involve learners in self assessment activities and, when appropriate, to help them become aware of their strengths and needs and to encourage them to set personal goals.

Title
Evaluating Class Activities

Tags
178541, 8

Learning Outcome
7. The student will evaluate the effect of class activities on both individuals and the class as a whole, collecting information through observation of classroom interactions, questioning and analysis of student work.

Title
Maintaining Records

Tags
178542, 9

Learning Outcome
8. The student will know how to maintain useful records of student work and performance and will communicate student progress knowledgeably and responsibly.

Title
Partnership with Families and Professionals

Tags
178543, 10

Learning Outcome
Students will know about communicating regarding assessments with parents and professionals in a manner that develops partnerships and demonstrates professionalism.

ECE 330 - Social-Emotional Development and Child Guidance

Course Information

Teaching Area (new)
ECE

Course Number
330

Teaching Area
ECE

Course Title
Social-Emotional Development and Child Guidance

Course Description
The purpose of this course is to gain a foundational understanding of the theories relevant to the development of social relationships and emotional regulation and guidance strategies for teaching prosocial and self-regulation behaviors with children in prek-3rd grade classrooms.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Taken concurrently with ECE 333, ECE 336, ECE 338R, & IP&T 370

Note
Taken concurrently with ECE 333, ECE 336, ECE 338R.

Learning Outcomes

Title
Social-Emotional Development Theories

Tags
212627, 0, 1, 2022-12-20 16:55:30

Learning Outcome
Students will explain the core components of the social/emotional development theories.

Title
Child Guidance Strategies

Tags
212628, 0, 2, 2022-12-20 16:55:30

Learning Outcome
Students will evaluate and select appropriate positive guidance strategies for ECE classrooms.

Title
Individual Differences

Tags
212629, 0, 3, 2022-12-20 16:55:30

Learning Outcome
Students will create ways to include families and their unique cultures in child guidance.

Title
Trauma-Informed Teaching

Tags
212630, 0, 4, 2022-12-20 16:55:30

Learning Outcome
Students will explain strategies used in trauma-informed teaching.

ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar

Course Information

Teaching Area (new)
ECE

Course Number
331

Teaching Area
ECE

Course Title
Early Childhood Education Developmentally Appropriate Practices Seminar

Course Description
Designing an Early Childhood curriculum based on child development as hands-on experiences are created to meet children's individual learning needs and address contextual factors in the child's life experiences.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 202 - Foundations of Child Development

Other Prerequisites
ECE 332 concurrently.

Note
Due to enrollment constraints, ECE 331 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

Learning Outcomes

Title
Developmentally Appropriate Practices Seminar

Tags
178901, 1

Learning Outcome

Become conversant with developmentally appropriate practice standards published by NAEYC (National Association for the Education of Young Children).
Understand how developmentally appropriate practice applies to making effective educational decisions that benefit children and enhance their growth and development.
Gain a functional understanding of how teachers within a developmental model implement appropriate guidance and classroom management stragegies, create and modify effective learning environments, facilitate and scaffold learning and, develop strategies to meet the diversity of needs in the children and families they serve.

ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum

Course Information

Teaching Area (new)
ECE

Course Number
332

Teaching Area
ECE

Course Title
Early Childhood Education Developmentally Appropriate Practices Practicum

Course Description
\tIntitial practicum with young children in designing an Early Childhood curriculum based on a knowledge of child development that meets children's individual learning needs and address contextual factors in the child's life experience.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
8

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 202 - Foundations of Child Development

Other Prerequisites
ECE 331 concurrently.

Note
Due to enrollment constraints, ECE 332 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

Learning Outcomes

Title
PreK/K Practicum in Early Childhood

Tags
178896, 1

Learning Outcome
The practicum student will:

observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
design lessons, provide instruction, and implement appropriate assessments.
apply knowledge of developmentally appropriate practices to support children's development and learning.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

Course Information

Teaching Area (new)
ECE

Course Number
333

Teaching Area
ECE

Course Title
Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

Course Description
The purpose of this course is for teacher candidates to understand the essential components of literacy including what they are, how they are expected to develop, how they relate to other concepts, and ways to support, teach, and assess this development for young children (prek-k)

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Taken concurrently with ECE 330, ECE 336, and ECE 338R, IP&T 370.\n

Learning Outcomes

Title
Essential Components of Literacy Development

Tags
212631, 0, 1, 2022-12-20 16:55:46

Learning Outcome
Teacher candidates will demonstrate foundational knowledge of the essential components of literacy development for all learners (PreK-K) with understanding of how context, culture(s), experiences, and Gospel truths influence literacy learning.

Title
Assessing Literacy Development

Tags
212632, 0, 2, 2022-12-20 16:55:46

Learning Outcome
Teacher candidates will implement a series of observations, small group lessons, and assessments to learn about the literacy development of young children and draw upon this data to determine strengths, areas of need, and ways to support literacy learning.

Title
Connecting Theory and Practice

Tags
212633, 0, 3, 2022-12-20 16:55:46

Learning Outcome
Teacher candidates will collaborate with colleagues and use a process of ongoing reflection to apply theory, Gospel insights, and research-based foundational knowledge of literacy development to the early literacy learning of young children.

ECE 334 - Introduction to Early Childhood Education

Course Information

Teaching Area (new)
ECE

Course Number
334

Teaching Area
ECE

Course Title
Introduction to Early Childhood Education

Course Description
This course provides a conceptual framework for understanding the role of the early childhood educator. It examines the development and learning theories of Early Childhood Education as well as current trends, issues, and practices of educating young children.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in EL ED 299R or El Ed 399R

Learning Outcomes

Title
Developmental Domains

Tags
212599, 0, 1, 2022-12-20 16:43:10

Learning Outcome
Teacher candidates will explain that children develop across six interconnected domains and that there is a general developmental progression in each domain, with differences due to cultural contexts, experiences, and individual variation.

Title
Learning and Development Theories

Tags
212600, 0, 2, 2022-12-20 16:43:10

Learning Outcome
Teacher candidates will utilize the learning and development theories that guide ECE pedagogy.

Title
Learning Activities

Tags
212601, 0, 3, 2022-12-20 16:43:10

Learning Outcome
Teacher candidates will develop content-accurate, appropriate, and challenging learning activities that actively engage learners in creating new meaning through interactions and experiences, including learning activities involving play.

Title
Cross-disciplinary Integration

Tags
212602, 0, 4, 2022-12-20 16:43:10

Learning Outcome
Teacher candidates will integrate cross-disciplinary skills and content into instruction to purposefully engage learners in applying content knowledge.

ECE 335 - Early Childhood Education Integration Methods

Course Information

Teaching Area (new)
ECE

Course Number
335

Teaching Area
ECE

Course Title
Early Childhood Education Integration Methods

Course Description
Methods in designing an early childhood curriculum with attention to hands-on experiences meeting children's individual learning needs and addressing contextual factors in the child's life experiences.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 213 - Instructional Design and Assessment for all Learners

Other Prerequisites
Concurrent enrollment in El Ed 332 or ECE 332.

Learning Outcomes

Title
ECE Integration Methods

Tags
178935, 1

Learning Outcome

Understand and apply the framework of developmentally appropriate practices.

Understand effective and appropriate methods for supporting young children's growth and development in a classroom setting.

ECE 336 - Planning and Assessment in Early Childhood Education (Pre K-3)

Course Information

Teaching Area (new)
ECE

Course Number
336

Teaching Area
ECE

Course Title
Planning and Assessment in Early Childhood Education (Pre K-3)

Course Description
Learn key instructional principles, instructional strategies, lesson planning procedures that are appropriate and effective when working with young children. Understand formal and informal assessment strategies and data collection procedures for evaluating children's progress, informing instruction, communicating results with key stakeholders.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECE 331 and 332 concurrently.

Learning Outcomes

Title
Planning and Assessment

Tags
178852, 1

Learning Outcome
Teacher candidates will demonstrate an in-depth understanding of the planning and assessment cycle and backwards planning strategies to align assessments to lesson objectives.

Title
Assessment Data and Analysis

Learning Outcome
Teacher candidates will collect and analyze formative and summative data from on-going assessments to support student learning and development.

Title
Designing Curricula

Learning Outcome
Teacher candidates will apply their understanding of gospel truths, early development, core standards, instructional strategies, developmentally appropriate practice, vertical alignment, and differentiated learning to create lesson plans.

ECE 337 - Family, School, and Community Partnerships in ECE

Course Information

Teaching Area (new)
ECE

Course Number
337

Teaching Area
ECE

Course Title
Family, School, and Community Partnerships in ECE

Course Description
Understand policies and processes for partnering with families, schools, and communities of young children in early childhood settings.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ECE 331 and ECE 332

Learning Outcomes

Title
Partnerships in ECE

Tags
178902, 1

Learning Outcome
ECE 337 is currently an inactive course. Learning outcomes will be created when this course is offered.

ECE 340 - Literature for Young Children

Course Information

Teaching Area (new)
ECE

Course Number
340

Teaching Area
ECE

Course Title
Literature for Young Children

Course Description
This survey course in children's literature is designed to provide teacher candidates with the skills and knowledge necessary to select and use high quality literature in their future prek-3rd grade classrooms.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Genres and Formats

Tags
212634, 0, 1, 2022-12-20 16:56:06

Learning Outcome
Students will identify texts for young children by genre and format.

Title
Critiquing Texts

Tags
212635, 0, 2, 2022-12-20 16:56:06

Learning Outcome
Students will critique texts according to quality (i.e., literacy artistic), taste, and identify the messages and ideologies they present.

Title
Teaching with Trade Books

Tags
212636, 0, 3, 2022-12-20 16:56:06

Learning Outcome
Students will use research-based practices to prepare to teach with trade books and other texts in early childhood settings.

Title
Reading Widely

Tags
212637, 0, 4, 2022-12-20 16:56:06

Learning Outcome
Students will read a wide variety of chidren's books to develop or redevelop a love of and enthusiasm for reading

ECE 353 - Emergent Literacy

Course Information

Teaching Area (new)
ECE

Course Number
353

Teaching Area
ECE

Course Title
Emergent Literacy

Course Description
Issues, themes, and practices of literacy instruction for young children (P-3).

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
SFL 355 or equivalent

Learning Outcomes

Title
Theories and processes of literacy

Tags
178544, 1

Learning Outcome
Explain, compare, and critique theories of reading and writing processes and development with supporting research evidence. (IRA Standard 1.1.1)

Title
Language processes

Tags
178545, 2

Learning Outcome
Explain and apply first language acquisition processes that support literacy development across elementary years, e.g., cueing systems, vocabulary, teacher talk. (IRA Standard 1.1.2)

Title
Literacy Processes

Tags
178546, 3

Learning Outcome
Explain and apply reading and writing development across elementary years, e.g., word recognition, language comprehension, strategic knowledge, spelling, qualities of good writing, and reading/writing connections. (IRA Standard 1.1.2)

Title
Second Language and Literacy Acquisition

Tags
178547, 4

Learning Outcome
Identify and synthesize major milestones in literacy instruction.(IRA Standard 1.2.1)

Title
Historical Foundations

Tags
178548, 5

Learning Outcome
Identify and synthesize major milestones in literacy instruction.(IRA Standard 1.2.1)

ECE 355 - Language Development

Course Information

Teaching Area (new)
SFL

Course Number
355

Teaching Area
ECE

Course Title
Language Development

Course Description
Overview of how children acquire language, including its relationship to cognitive, neural, and social development; child language development from infancy through adolescence; bilingual language development.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Components of Language

Learning Outcome
Define the major components of language (syntax, semantic, phonology, morphology, & pragmatics).

Title
Cultural Factors of Language Development

Learning Outcome
Demonstrate knowledge of how cultural factors influence first and second language development.

Title
Developmental Sequence of Language Behaviors

Learning Outcome
Demonstrate knowledge of the developmental sequence of pragmatic, semantic, syntactic, and morphologic language behaviors in production and comprehension modalities.

Title
Theories of Language Development

Learning Outcome
Demonstrate knowledge of the major theories of language development (social interactionist, linguistic, emergentism).

ECE 399R - Primary Grade Practicum

Course Information

Teaching Area (new)
ECE

Course Number
399R

Teaching Area
ECE

Course Title
Primary Grade Practicum

Course Description
Field experience designed to give students opportunities to interact with children (grades 1-3) and apply skills and knowledge acquired in methods courses.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
12

Recommended
Concurrent enrollment with ECE 430, ECE 433, ECE 444, ECCE 446, ECE 447

Learning Outcomes

Title
Reflective Practice

Tags
212638, 0, 1, 2022-12-20 16:56:26

Learning Outcome
Students will observe and reflect with the intent to improve practice.

Title
Child Guidance

Tags
212639, 0, 2, 2022-12-20 16:56:26

Learning Outcome
Use child guidance strategies to effectively support children's learning.

Title
Nurturing Pedagogy

Tags
212640, 0, 3, 2022-12-20 16:56:26

Learning Outcome
Design lessons, provide instruction, and implement appropriate assessments.

Title
Content Knowledge

Tags
212641, 0, 4, 2022-12-20 16:56:26

Learning Outcome
Apply knowledge from various content courses as they relate to teaching in an early childhood classroom.

Title
Learner Development and Differences

Tags
212642, 0, 5, 2022-12-20 16:56:26

Learning Outcome
Provide learning experiences that meet students' diverse cognitive styles, cultural backgrounds, and linguistic diversity.

ECE 422 - Preschool or Kindergarten Student Teaching

Course Information

Teaching Area (new)
ECE

Course Number
422

Teaching Area
ECE

Course Title
Preschool or Kindergarten Student Teaching

Course Description
Student teaching experience in preschool or kindergarten.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
6

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
All ECE core and professional sequence courses; concurrent enrollment in ECE 426; prior application; requires a major GPA of 2.85; at least a C- grade in methods courses (ECE 324, 327, 356, 361, 363, 365); FBI fingerprint background clearance.

Learning Outcomes

Title
Planning and Instruction

Tags
178549, 1

Learning Outcome
1. The students will observe, plan, teach, assess, and reflect throughout this course as they participate in a PK or K classroom.

Title
Reflecting and Evaluating Choices

Tags
178550, 2

Learning Outcome
2. The student will demonstrate ability to be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

ECE 425R - Grades K-3 Student Teaching

Course Information

Teaching Area (new)
ECE

Course Number
425R

Teaching Area
ECE

Course Title
Grades K-3 Student Teaching

Course Description
Student teaching experience in the primary grades.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Student Teaching in Early Childhood Classrooms

Tags
178897, 0, 1

Learning Outcome
The student teacher will:

observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
assume the role of lead teacher for a portion of the student teaching expereince as they design lessons, provide instruction, and implement appropriate assessments.
apply knowledge from various content courses as they relate to teaching in an early childhood classroom.
apply knowledge of developmentally appropriate practices to support children's development and learning.
provide learning experiences that meet students' diverse cogntive styles, cultural backgrounds, and linguistic diveristy.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).
complete a PPAT (Praxis Performance Assessment for Teachers) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

ECE 427 - El Ed/ECE Emphasis Capstone Seminar.

Course Information

Teaching Area (new)
ECE

Course Number
427

Teaching Area
ECE

Course Title
El Ed/ECE Emphasis Capstone Seminar.

Course Description
Gaining insight into significant issues in early childhood education, developing a sense of professional ethics, and becoming personally committed to ongoing professional development.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
El Ed majors with an ECE emphasis; concurrent enrollment in ECE student teaching practicum block

Learning Outcomes

Title
Reflective practitioner

Tags
178551, 1

Learning Outcome
The student will be reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

Title
Foster relationships

Tags
178552, 2

Learning Outcome
The student will foster relationships with school colleagues, parents, and agencies in the larger community to support students' learning and well-being.

ECE 430 - Families, Schools, and Communities

Course Information

Teaching Area (new)
ECE

Course Number
430

Teaching Area
ECE

Course Title
Families, Schools, and Communities

Course Description
The purpose of this course is to examine the principles and practices of building partnerships among families, communities, and schools to support young children's learning and development.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Concurrent enrollment in ECE 433, ECE 438R, ECE 444, ECE 446, and ECE 447

Learning Outcomes

Title
Contemporary Families and Communities

Tags
212643, 0, 1, 2022-12-20 16:58:29

Learning Outcome
Describe contemporary families and communities and their role in children's development.

Title
Family/Community-Centered Practices

Tags
212644, 0, 2, 2022-12-20 16:58:29

Learning Outcome
Discuss reciprocal relationships with families and communities and apply principles of family-centered and community-centered practices.

Title
Effective Partnerships

Tags
212645, 0, 3, 2022-12-20 16:58:29

Learning Outcome
Apply a framework for building effective partnerships with families and communities.

Title
Advocacy

Tags
212646, 0, 4, 2022-12-20 16:58:29

Learning Outcome
Engage in advocating for young children and their families.

ECE 433 - Teaching Literacy in Early Childhood Classrooms (Pre K-3)

Course Information

Teaching Area (new)
ECE

Course Number
433

Teaching Area
ECE

Course Title
Teaching Literacy in Early Childhood Classrooms (Pre K-3)

Course Description
Study instructional practices for teaching children the literacy concepts, skills and strategies they need to learn in Pre K-3rd grade, and assessing, monitoring and evaluating children's literacy knowledge and learning in Pre K-3rd grade.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 333 - Literacy Development I: Teaching Literacy in Early Childhood Classrooms (prek-k)

Learning Outcomes

Title
Essential Components of Literacy

Tags
179066, 1

Learning Outcome
Teacher candidates will demonstrate foundational knowledge of the essential components of literacy development for all learners (Grades 1-3) with understanding of how context, culture(s), experiences, and Gospel truths influence literacy learning.

Title
Literacy Instruction

Tags
179067, 2

Learning Outcome
Teacher candidates will plan, implement, and adapt early literacy instruction based on children's strengths and areas of need.

Title
Literacy Assessment

Tags
179068, 3

Learning Outcome
Teacher candidates will be able to evaluate and monitor children's literacy knowledge and learning through whole-class, small group, and one-on-one instruction.

ECE 441 - Early Childhood Education Primary Grade Seminar

Course Information

Teaching Area (new)
ECE

Course Number
441

Teaching Area
ECE

Course Title
Early Childhood Education Primary Grade Seminar

Course Description
Gaining insight into significant issues in early childhood education, developing a sense of professional ethics, and becoming personally committed to ongoing professional development.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 331 - Early Childhood Education Developmentally Appropriate Practices Seminar

Other Prerequisites
Concurrent with ECE 442

Learning Outcomes

Title
Professionalism

Tags
178858, 2

Learning Outcome
Demonstrate professional behaviors and attitudes.

Title
Child Guidance

Tags
178859, 1

Learning Outcome
Know and use approrpiate child guidance practices.

Title
Lesson Plan Implementation and Reflection

Tags
178860, 1

Learning Outcome
Design, implement, and reflect on a variety of lesson plans.

ECE 442 - Primary Grade Practicum

Course Information

Teaching Area (new)
ECE

Course Number
442

Teaching Area
ECE

Course Title
Primary Grade Practicum

Course Description
Practicum experience in the primary grades. Field experience designed to give students opportunities to interact with primary children (grades 1-3) and apply skills and knowledge acquired in Pre K-3 methods courses.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
12

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECE 332 - Early Childhood Education Developmentally Appropriate Practices Practicum

Other Prerequisites
ECE 441 concurrently.

Learning Outcomes

Title
Primary Grade Practicum in Early Childhood

Tags
178895, 1

Learning Outcome
The practicum student will:
observe and reflect with the intent to improve practice.
use child guidance strategies to effectively support children's learning.
design lessons, provide instruction, and implement appropriate assessments.
apply knowledge from various content courses as they relate to teaching in an early childhood classroom.
apply knowledge of developmentally appropriate practices to support children's development and learning.
provide learning experiences that meet students' diverse cogntive styles, cultural backgrounds, and linguistic diveristy.
demonstrate appropriate professional behaviors and dispositions (e.g., dress and grooming, attendance and punctuality, positive interactions with mentors, peers, parents, and children, and commitment to the profession).

ECE 444 - Teaching Social Studies in Early Childhood Classrooms (prek-3)

Course Information

Teaching Area (new)
ECE

Course Number
444

Teaching Area
ECE

Course Title
Teaching Social Studies in Early Childhood Classrooms (prek-3)

Course Description
This course provides students with the content knowledge, classroom methods, assessments, materials, and strategies for effectively teaching culturally responsive Social Studies in prek-3 grade school settings.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Concurrent enrollment with ECE 430, 433, 438R, 446, 447

Learning Outcomes

Title
Content Knowledge

Tags
212647, 0, 1, 2022-12-20 16:58:48

Learning Outcome
Students will identify and recognize democratic principles and practices in the social studies curriculum, in preK-3 classrooms, and in society including the importance of honoring diversity.

Title
Honoring Diversity

Tags
212648, 0, 2, 2022-12-20 16:58:48

Learning Outcome
Demonstrate the ability to plan and assess developmentally appropriate social studies learning activities using both the state and national standards while ensuring equal access for all students.

Title
Nurturing Pedagogy

Tags
212649, 0, 3, 2022-12-20 16:58:48

Learning Outcome
Teacher candidates will demonstrate the ability to integrate social studies with other disciplines.

ECE 445 - Teaching Social Studies in Early Childhood Classrooms (Pre K-3)

Course Information

Teaching Area (new)
ECE

Course Number
445

Teaching Area
ECE

Course Title
Teaching Social Studies in Early Childhood Classrooms (Pre K-3)

Course Description
This course will prepare teaching candidates (1) with methods, skills and strategies for teaching social studies to children in grades Pre K-3, (2) to model democratic teaching practices, and (3) to establish democratic classrooms as they prepare children to assume roles as participatory citizens in a democracy.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in ECE 441 and 442.

Learning Outcomes

Title
ECE 445 Course Outcomes

Tags
178889, 1

Learning Outcome

Students will demonstrate their understanding of the history, purpose, and current status of social studies in the classroom.
Students will identify and recognize democratic principles and practices in the social studies curriculum, in K-3 classrooms, and in society.
Students will demonstrate the ability to appropriately plan for teaching social studies.
Students will experience and participate in various strategies appropriate for teaching K-3 social studies.

ECE 446 - Teaching Science in Early Childhood Classrooms (Pre K-3)

Course Information

Teaching Area (new)
ECE

Course Number
446

Teaching Area
ECE

Course Title
Teaching Science in Early Childhood Classrooms (Pre K-3)

Course Description
Develop the pedagogical knowledge, skills, and dispositions necessary to teach science to young children of various ages, abilities, backgrounds, and exceptionalities.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in ECE 441 and 442.

Learning Outcomes

Title
ECE 446 Course Outcomes

Tags
178888, 1

Learning Outcome
Teacher candidates will:

evaluate their personal dispositions, development, and growth toward becoming a teacher of science.
identify and describe purposes for teaching science in K-3 classrooms.
explain what science is and how young children learn science, including the knowledge and reasoning skills students must acquire to become proficient in science.
recognize the practices, crosscutting concepts, and core ideas of science and engineering and how they influence science instruction in K-3 classrooms.
plan for science instruction for children of various ages, abilities, backgrounds, and exceptionalities, including how to (a) identify appropriate science content from national standards and state core curricula; (b) apply a variety of appropriate teaching methods and strategies to support science learning; (c) integrate science with other disciplines across the early childhood curriculum; and (d) employ appropriate assessment methods and strategies.

ECE 447 - Teaching Mathematics in Early Childhood Classrooms (Pre K-3)

Course Information

Teaching Area (new)
ECE

Course Number
447

Teaching Area
ECE

Course Title
Teaching Mathematics in Early Childhood Classrooms (Pre K-3)

Course Description
Study the teaching and learning of early childhood mathematics guided by current principles relating to mathematics content, social interaction, student thinking, and child development.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 305 - Basic Concepts of Mathematics

Other Prerequisites
ECE 441 and 442 concurrent.

Learning Outcomes

Title
ECE 447 Course Outcomes

Tags
178887, 1

Learning Outcome

Establish mathematics goals that accommodate students' varied mathematical trajectories and align appropriately with state content and practice standards as well as informal and formal assessments of student thinking.
Select and/or design worthwhile mathematical tasks that include varying levels of cognitive demand, thus increasing access to learning.
Design, implement, and evaluate inquiry-based lessons as structured by the Launch-Explore-Summarize (Discuss/Debrief) teaching and learning cycles or sequences.
Anticipate student mathematical thinking (for planning lessons and/or units, orchestrating discourse, questioning, etc.)
Create high levels of mathematical interaction by planning for discussion, questioning, and establishing a supportive classroom environment.
Adapt instruction to address the diverse learning strengths and needs of both groups and individuals.
Assess student learning, both formatively and summatively, using a range of appropriate strategies, and employ the results of assessment in guiding instruction.
Practice professionalism: In commitment to learning to teach, in appearance and demeanor, and in the quality of work submitted.

ECE 493R - Independent Readings or Project

Course Information

Teaching Area (new)
ECE

Course Number
493R

Teaching Area
ECE

Course Title
Independent Readings or Project

Course Description
Students meet with the instructor to assemble an individualized reading program in Early Childhood Education and agree upon the topic and organization of the course.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Departmental approval

Learning Outcomes

Title
Content knowledge

Tags
178553, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area.

Title
Breadth of knowledge

Tags
178554, 2

Learning Outcome
Students will explain relationships between key concepts in a specialty area.

ECE 496R - Academic Internship

Course Information

Teaching Area (new)
ECE

Course Number
496R

Teaching Area
ECE

Course Title
Academic Internship

Course Description
A full-year classroom teaching internship in the public schools.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
NOTE: See Education Student Services for application dates. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Planning and Instruction

Tags
178555, 1

Learning Outcome
1. The students will observe, plan, teach, assess, and reflect throughout this course as they participate in an early childhood classroom.

Title
Reflecting and Evaluating Choices

Tags
178556, 2

Learning Outcome
2. The student will demonstrate ability to be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

ECON 110 - Economic Principles and Problems

Course Information

Teaching Area (new)
ECON

Course Number
110

Teaching Area
ECON

Course Title
Economic Principles and Problems

Course Description
Strengths and weaknesses of markets and governments for solving problems of social organization or conflict, including policy response to inflation, unemployment, pollution, poverty, growth, etc.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Economic costs and benefits

Tags
181914, 1

Learning Outcome
Students will compute measurements of costs (e.g. opportunity costs, marginal cost) and benefits (e.g. marginal utility, revenue), and use them to evaluate economic decisions.

Title
Equilibrium analysis

Learning Outcome
Students will analyze market responses to changing environments using models of production possibilities, supply and demand, perfect competition, monopoly, and aggregate supply and demand.

Title
Measures of wellbeing

Learning Outcome
Students will compute and interpret metrics of economic wellbeing, including consumer and producer surplus, deadweight loss, gross domestic product, and the consumer price index.

Title
Efficiency

Learning Outcome
Students will compute measures of economic efficiency and demonstrate why perfectly competitive markets deliver efficient outcomes.

Title
Interventions

Learning Outcome
Students will identify inefficiencies that arise with market imperfections and analyze the effect of government interventions.

Title
Institutions

Learning Outcome
Students will interpret economic statistics and write effectively about economic terms and institutions, practicing to participate thoughtfully in civic discourse.

Title
Economic analysis

Learning Outcome
Students will practice positive analysis of models (stating assumptions, deriving logical implications, and confronting those with evidence) to reason objectively about public policy, preparing for lifelong service and civic engagement.

Title
Spiritual applications

Learning Outcome
Students will explore spiritual insights from economic reasoning while also identifying contrasts between self-interested behavior and Christ-centered discipleship.

ECON 199R - Academic Internship

Course Information

Teaching Area (new)
ECON

Course Number
199R

Teaching Area
ECON

Course Title
Academic Internship

Course Description
Internship to apply economic analysis.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Faculty advisor's and department chair's prior written consent

Note
NOTE: Not counted toward required major or minor hours. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Students in an academic internship will

Tags
181985, 0

Learning Outcome
Apply economic analysis to real-world problems while working for an employer in the private, public, or non-profit sectors.

ECON 210 - Career Preparation Seminar

Course Information

Teaching Area (new)
ECON

Course Number
210

Teaching Area
ECON

Course Title
Career Preparation Seminar

Course Description
Discussion of the variety of potential careers for economics majors and how to best prepare for those careers.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Purposeful Career Reflection

Learning Outcome
Students will reflect on their values, strengths, and aspirations to identify career paths that align with their sense of purpose and fulfillment.

Title
Personal Revelation

Learning Outcome
Students will apply teachings from modern prophets and university leaders as they seek personal revelation to make informed decisions about their education, career, and lifelong discipleship of Jesus Christ.

Title
Academic Planning

Learning Outcome
Students will evaluate the economics curriculum and related university resources to create a personalized academic plan that supports their career goals.

Title
Professional Skill Development

Learning Outcome
Students will develop and demonstrate proficiency in professional skills such as resume writing, networking, interviewing, and job search strategies.

Title
Career Networking

Learning Outcome
Students will engage with alumni and professionals to gain insight into diverse career paths and build a professional network.

ECON 213R - Topics in Economic Analysis

Course Information

Teaching Area (new)
ECON

Course Number
213R

Teaching Area
ECON

Course Title
Topics in Economic Analysis

Course Description
Topics vary. Examples include career preparation, monetary and financial history. Check with instructor.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ECON 110 - Economic Principles and Problems

Note
Those who plan to complete ECON 110 through Independent Study must complete the Independent Study course prior to registering for this course.

ECON 230 - Economic Development and Growth

Course Information

Teaching Area (new)
ECON

Course Number
230

Teaching Area
ECON

Course Title
Economic Development and Growth

Course Description
Problems and processes of economic growth and development, emphasizing less-developed nations.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ECON 110 - Economic Principles and Problems

Learning Outcomes

Title
Econ 230 students will be able to

Tags
181994, 0

Learning Outcome

Be familiar with the labor and consumption patterns among the world's poor. Demonstrate an understanding of how modifying the neoclassical assumptions learned in Econ 110 can affect the welfare implications of markets. In particular, how the welfare implications are affected by
Externalities and Public Goods
Fixed Costs or Increasing Returns
Poorly Enforced Property Rights

Analyze the Solow Growth model and its implications for economic growth. Explain the functioning of the credit and capital market: Gain a basic understanding of econometric methods used in testing economic theories in growth and development.
How it relates to alleviating poverty and stimulating economic growth.
Why it may be prone to information problems and the implications of those problems.

Discuss the potential role of government in economic development. Especially as it relates to:
Public Goods and Externalities
Enforcing Contracts
Corruption

Explain the importance of labor, health, and education to the lives of those in developing countries and how these fields relate to improving outcomes among the poor.

ECON 257 - International Trade and Finance

Course Information

Teaching Area (new)
ECON

Course Number
257

Teaching Area
ECON

Course Title
International Trade and Finance

Course Description
Economic analysis of the mechanisms, problems, institutions, and policies of trade among countries. Financial and monetary arrangements that facilitate trade.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems

Note
Those who plan to complete ECON 110 through Independent Study must complete the Independent Study course prior to registering for this course.

Learning Outcomes

Title
Econ 257 students will be able to:

Tags
181983, 0

Learning Outcome
Explain the key developments (models) in the intellectual history of the study of the patterns of trade in goods and services from Adam Smith through the present.Broadly discuss the evidence which supports or is contrary to the application of these developments to particular countries and goods and services.Analyze policy within the context of these models in order to gain insights about the patterns of trade.Analyze the gains from international trade with these key models and understand the political economy of trade (who gains and who loses from trade).Analyze the patterns, gains, and losses from international trade (migration) in financial and direct foreign investment and labor migration in the short and long runs.Analyze the reasons for international outsourcing portions of production and the gains and losses from doing so.Identify how trade in goods, services, and capital enter the international income accounts and the balance of payments.Discuss how exchange rates affect trade and how trade, fiscal, and monetary policy affects exchange rates.Explain the essential differences in fiscal and monetary effects for floating and fixed exchange rates.Broadly discuss the development of U.S. trade policy and the world institutions that support international trade and finance.

ECON 378 - Statistics for Economists

Course Information

Teaching Area (new)
ECON

Course Number
378

Teaching Area
ECON

Course Title
Statistics for Economists

Course Description
Introduction to data description, visualization, and analysis, including mathematics of probability theory and statistics. Topics include: probability, random variables, density and distribution functions, estimation, and hypothesis testing.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- MATH 112 - Calculus 1
  OR MATH 113 - Calculus 2

Note
If you plan to complete Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

Learning Outcomes

Title
Cultivate curiosity, humility, persistence, and patience

Learning Outcome
Ask questions and develop tools to answer those questions with integrity and with a recognition of the limits of statistical analysis.

Title
Analyze and interpret models with known population distributions

Learning Outcome
Use probability theory, random variables, correlation, and regression to model and interpret real-world phenomena.

Title
Analyze sample data to draw inferences about a population

Learning Outcome
Apply statistical methods to estimate population characteristics from sample data, evaluate estimators, compute margins of error, and conduct hypothesis tests.

Title
Investigate economic questions through data analysis

Learning Outcome
Use coding tools and statistics skills to analyze, and draw conclusions about, a research question.

ECON 380 - Intermediate Microeconomic Theory 1

Course Information

Teaching Area (new)
ECON

Course Number
380

Teaching Area
ECON

Course Title
Intermediate Microeconomic Theory 1

Course Description
Producer, consumer, and equilibrium theories; mathematical techniques of unconstrained and constrained optimization introduced and applied extensively.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems
  AND MATH 112 - Calculus 1

OR

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems **AND** MATH 113 - Calculus 2

Note

If you plan to complete Econ 110 and/or Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

Learning Outcomes

Title
Identify model elements:

Learning Outcome
Students will identify the common building blocks of economic models (actors, choices, objectives, constraints).

Title
Explain economic terms:

Learning Outcome
Students will explain common economic concepts (such as marginal utility, marginal rates of substitution, equilibrium, consumer and producer surplus, elasticities, complements and substitutes, and production technology) and compute them in mathematical models.

Title
Describe axioms:

Learning Outcome
Students will describe the axioms of consumer and producer theory and recognize consequences of their violation.

Title
Perform optimization:

Learning Outcome
Students will employ the mathematical tools of constrained and unconstrained optimization to solve common economic models of household and firm behavior.

Title
Interpret model results:

Learning Outcome
Students will graphically and numerically interpret the results of optimization and comparative statics calculations for firms, consumers and single partial equilibrium markets.

Title
Analyze Public Policy:

Learning Outcome
Students will analyze common policy outcomes in partial equilibrium markets including the effect of price controls and commodity taxation.

Title
Decompose Price Effects:

Learning Outcome
Students will analyze and interpret the substitution, income and output effects of price changes on consumer and firm behavior.

Title
Model economic costs:

Learning Outcome
Students will classify representations of business costs commonly used in production models.

Title
Faith and Economic Analysis:

Learning Outcome
Students will identify gospel principles that can enrich our understanding of economics and reflect on the ways in which their faith affects their choices as consumers and positions on economic policy.

Title
Ethical Action:

Learning Outcome
Students will identify and act in accordance with the highest standards of academic integrity and professional ethics.

ECON 381 - Intermediate Macroeconomics

Course Information

Teaching Area (new)
ECON

Course Number
381

Teaching Area
ECON

Course Title
Intermediate Macroeconomics

Course Description
Intermediate macroeconomic theory, emphasizing income, unemployment, and price-level analysis.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems
  AND MATH 112 - Calculus 1

OR

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems
  AND MATH 113 - Calculus 2

Recommended
Econ 380 or concurrent enrollment

Note
If you plan to complete Econ 110 and/or Math 112 through Independent Study, this class cannot be registered for until the Independent Study course is completed.

Learning Outcomes

Title
Rigorously Analyze Macroeconomic Phenomena

Tags
181990, 1

Learning Outcome
1. Understand the concepts, institutions and data that economists use to describe the macroeconomy.

Title
Rigorously Analyze Macroeconomic Phenomena

Learning Outcome
2. Use macroeconomic models and data to analyze long-run economic growth and short-run fluctuations.

Title
Rigorously Analyze Macroeconomic Phenomena

Learning Outcome
3. Make connections between microeconomic forces and macroeconomic outcomes

Title
Rigorously Analyze Macroeconomic Phenomena

Learning Outcome
4. Use data and models to analyze historical and current macroeconomic events.

Title
Apply Learning to Macroeconomic Issues and Policy Discourse

Learning Outcome
5. Use analytical tools with humility to evaluate macroeconomic claims and evidence presented in the media and to engage in policy discourse without contention.

Title
Apply Learning to Macroeconomic Issues and Policy Discourse

Learning Outcome
6. Identify and analyze limitations and trade-offs associated with different policy actions, especially fiscal and monetary policy.

Title
Apply Learning to Macroeconomic Issues and Policy Discourse

Learning Outcome
7. Use macroeconomic insights to inform efforts to combat poverty and economic hardship.

ECON 382 - Intermediate Microeconomic Theory 2

Course Information

Teaching Area (new)
ECON

Course Number
382

Teaching Area
ECON

Course Title
Intermediate Microeconomic Theory 2

Course Description
Welfare theory, imperfect information, imperfect competition, uncertainty, externalities, and public goods.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 210 - Career Preparation Seminar

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists

AND ECON 380 - Intermediate Microeconomic Theory 1
AND STDEV 317 - Job and Internship Search Strategies

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1
  AND STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant

Note
Or Instructor Approval.

Learning Outcomes

Title
Formally Express and Analyze Economic Models

Learning Outcome
Recognize the common building blocks of economic models, solve economic models, and interpret the results.

Title
Demonstrate an Understanding of Core Microeconomic Models

Learning Outcome
Understand models of perfect competition in general equilibrium, monopoly and oligopoly, externalities and public goods, decision-making under uncertainty, and information problems.

Title
Adapt Models to New Scenarios

Learning Outcome
Compare the impact on equilibrium behavior of altering assumptions and be able to contrast the results of different market imperfections

Title
Establish a Knowledge Base that Will Be Useful in Economic Field Classes

Learning Outcome
Apply models in various real-world examples and identify the positive and normative conclusions in that environment.

ECON 388 - Introduction to Econometrics

Course Information

Teaching Area (new)
ECON

Course Number
388

Teaching Area
ECON

Course Title
Introduction to Econometrics

Course Description
Theory and application of regression analysis using cross-sectional, time-series, and panel data, as well as instrumental variables and discrete-choice (probit/logit) models. Includes Stata coding and introductory matrix algebra.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems
  AND ECON 378 - Statistics for Economists

Learning Outcomes

Title
Theoretical Understanding

Tags
181987, 1

Learning Outcome
Describe and apply the theoretical foundations of estimating and testing the basic regression model, employing tools from matrix algebra, calculus, and statistics.

Title
Software Skills

Learning Outcome
Perform basic regression and testing procedures using Stata.

Title
Quantitative Economics Research

Learning Outcome
Complete an empirical research project applying econometric methods.

ECON 398 - Applied Econometrics

Course Information

Teaching Area (new)
ECON

Course Number
398

Teaching Area
ECON

Course Title
Applied Econometrics

Course Description
Application of econometric methods, introduction to research design, and evaluation of empirical research. Special attention given to linking economic theory and econometrics and to causal inference.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 388 - Introduction to Econometrics

Note
ECON 398 was formerly listed as an elective course, numbered ECON 488.

ECON 413R - Topics in Economic Theory

Course Information

Teaching Area (new)
ECON

Course Number
413R

Teaching Area
ECON

Course Title
Topics in Economic Theory

Course Description
Topics vary. Examples include history of economic thought, behavioral economics. Check with instructor.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1

Learning Outcomes

Title
Students in ECON 413R will

Tags
181917, 1

Learning Outcome

Learn in depth about an area of research in economics;
Understand the research literature and in particular the contributions of the seminal articles;
Analyze current journal articles and assess their contribution to the literature.

ECON 420 - Economics of Antitrust Law and Regulation

Course Information

Teaching Area (new)
ECON

Course Number
420

Teaching Area
ECON

Course Title
Economics of Antitrust Law and Regulation

Course Description
Economic analysis of reasons for - and effects of - antitrust laws and regulation in selected areas, including utilities, telecommunications, transportation, energy, health, safety, and the environment.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1

Recommended
Econ 382

Learning Outcomes

Title
Econ 420 students will be able to

Tags
181918, 1

Learning Outcome

Demonstrate basic familiarity with the provisions of the principal Federal antitrust statutes, including the Sherman Act, the Clayton Act, the FTC Act, the Robinson-Patman Act, and the Hart-Scott-Rodino Act.
Evaluate the likely effects of Section 1 of the Sherman Antitrust Act using monopoly, Cournot, Stackelberg, and Bertrand models of non-cooperative behavior among a small number of rival firms.
Evaluate the likely effects of Section 2 of the Sherman Antitrust Act using simple analytical models of predation, exclusion, tying, bundling.
Evaluate the likely effects of laws limiting price discrimination, including the Robinson-Patman Act, using simple analytical models of price discrimination.
Evaluate the likely effects of Section 7 of the Clayton Act and the HRS Act using simple analytical models of mergers.
Evaluate public regulation of monopolies as an alternative to relying on antitrust law using simple analytical models of rate-of-return regulation, nonlinear pricing and peak load pricing.
Synthesize the relevant economics and legal literature, including Federal and Supreme Court rulings, via a substantial survey paper on a specific antitrust issue.

ECON 421 - Law and Economics

Course Information

Teaching Area (new)
ECON

Course Number
421

Teaching Area
ECON

Course Title
Law and Economics

Course Description
Common law allocative mechanisms (contract, tort, and property law) as alternatives to collective intervention when markets fail; consideration of economic logic of law.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1

Learning Outcomes

Title
Econ 421 students will be able to

Tags
181919, 1

Learning Outcome

Demonstrate a basic familiarity with the Common Law.
Analyze the incentives created by Common Law tort rules.
Analyze the incentives created by Common Law contract rules.
Distinguish between "property rules" and "liability rules" with regard to property rights.
Evaluate the relative efficiency of specific tort rules.
Evaluate the relative efficiency of specific contract rules.
Analyze the incentives to litigate or settle under different rules about which party pays the costs of the litigation.
Analyze the incentives created by criminal sanctions.
Synthesize the relevant economics and legal literature, including Federal and Supreme Court rulings, via a substantial survey paper on a specific tort, contract or property issue.

ECON 431 - Economic Development

Course Information

Teaching Area (new)
ECON

Course Number
431

Teaching Area
ECON

Course Title
Economic Development

Course Description
Microeconomic analysis of the causes of income differences across countries.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 388 - Introduction to Econometrics

OR

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND POLI 300 - Statistical Analysis

Learning Outcomes

Title
Econ 431 students will be able to

Tags
181984, 0

Learning Outcome
Discuss the labor and consumption patterns among the world’s poor.Demonstrate an understanding of how modifying the neoclassical assumptions learned in Econ 380 can affect the welfare implications of markets. In particular, how the welfare implications are affected byExternalities and Public GoodsFixed Costs or Increasing ReturnsPoorly Enforced Property Rights.Discuss the functioning of the credit and capital market:How it relates to alleviating poverty and stimulating economic growth.Why it may be prone to information problems and the implications of those problems.Explain the potential role of government in economic development, especially as it relates to:Public Goods and ExternalitiesEnforcing ContractsCorruptionExplain the importance of labor, health, and education to the lives of those in developing countries and how these fields relate to improving outcomes among the poor.

ECON 432 - Economic Growth

Course Information

Teaching Area (new)
ECON

Course Number
432

Teaching Area
ECON

Course Title
Economic Growth

Course Description
Theory and evidence relating to economic growth, including physical and human capital accumulation, population, technological change, institutions, and government.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequsites

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 381 - Intermediate Macroeconomics
  AND ECON 388 - Introduction to Econometrics

OR

Prerequisite

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 381 - Intermediate Macroeconomics **AND** POLI 300 - Statistical Analysis

Learning Outcomes

Title
Understand Evidence on Global Income Growth and Disparities

Learning Outcome
1. Identify cross-country income differences and how those have changed over centuries of time.

Title
Understand Evidence on Global Income Growth and Disparities

Learning Outcome
2. Become familiar with accessing and analyzing leading data sources for measuring incomes across countries.

Title
Understand Evidence on Global Income Growth and Disparities

Learning Outcome
3. Deepen compassion for and awareness of global economic conditions and challenges.

Title
Rigorously Analyze Economic Growth Patterns Using Leading Models

Learning Outcome
4. Use and analyze leading theories and models of economic growth, especially the Solow Model and modern refinements/offshoots of it.

Title
Rigorously Analyze Economic Growth Patterns Using Leading Models

Learning Outcome
5. Understand the relationship between economic growth and education, technology/innovation, trade/foreign investment, government policies and institutions, geography, culture, and inequality.

Title
Rigorously Analyze Economic Growth Patterns Using Leading Models

Learning Outcome
6. Use models and data evidence to analyze historical and current events.

Title
Understand the Role of Policy in Promoting Economic Growth

Learning Outcome
7. Compare the strengths and limitations of varied policy options of improving standards of living across the world

Title
Understand the Role of Policy in Promoting Economic Growth

Learning Outcome
8. Identify connections between principles of the gospel of Jesus Christ and policy actions that can improve economic well-being

ECON 440 - Natural Resources and Environmental Economics

Course Information

Teaching Area (new)
ECON

Course Number
440

Teaching Area
ECON

Course Title
Natural Resources and Environmental Economics

Course Description
Economic theory applied to allocation of natural resources and environmental amenities. Issues relating to externalities, common property resources, public goods, allocation of depletable natural resources over time, economic factors of environmental polarization, and others.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 388 - Introduction to Econometrics

Recommended
Econ 382

Learning Outcomes

Title
Econ 440 students will be able to

Tags
181920, 1

Learning Outcome

Utilize economic principles and models to address private and public policy issues related to allocating natural resources and environmental amenities. Demonstrate an active understanding of the following elements of economic theory as it relates to natural resource and environmental economics:

Welfare economics and concepts of Pareto optimality, efficiency, and equity
The role of property, property rights, and the bundle of rights concept
The role of externalities, common property resources, and public goods
Concepts and measures of economic value including non-market valuation.

Demonstrate a basic knowledge of the role of markets and market failure with regards to the allocation of natural resources and environmental amenities.
Gain a basic understanding of the effects and relative merits of public environmental policy efforts, including cap-and-trade schemes, Pigovian taxes, regulation, and public ownership and/or management.
Become knowledgeable about and be able to use economic principles and non-market valuation techniques to address a variety of continuing and contemporary natural resource and environmental issues. These issues may include, but are not exclusive to:

Population growth and the environment
Global warming
Wilderness protection and related public lands issues
Air pollution and public health
Intergenerational allocation of soil, forest, and other depleteable natural resources
Impacts of environmental features on property values.

ECON 442 - Behavioral Economics

Course Information

Teaching Area (new)
ECON

Course Number
442

Teaching Area
ECON

Course Title
Behavioral Economics

Course Description
Examine the effects of social, cognitive, and emotional factors on the economic decisions of individuals and institutions.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 388 - Introduction to Econometrics

ECON 450 - Financial Economics

Course Information

Teaching Area (new)
ECON

Course Number
450

Teaching Area
ECON

Course Title
Financial Economics

Course Description
Theory of financial economics, emphasizing capital markets, investment decisions, choice, capital asset pricing model, futures and options markets, efficient markets, and capital structures.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 382 - Intermediate Microeconomic Theory 2
  AND ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Econ 450 students will be able to

Tags
181921, 1

Learning Outcome

Understand and derive the fundamental relationship between risk and return that is implied by the Capital Asset Pricing Model (CAPM). Students should also know the assumptions necessary for this model to hold and be capable of identifying when potential investment projects satisfy these assumptions.
Use linear regression to calculate an asset's historical sensitivity to broad market indices, its implied historical mispricing and an estimate of the asset's idiosyncratic risk. Students should also be capable of performing hypothesis testing on these values.
Replicate traditional tests of the CAPM using currently available data.
Be capable of collecting and analyzing asset market data to estimate the efficient frontier of risky assets using either Excel or another software package. Students should also be able to understand the efficient frontier mathematically and the reasons that it is useful.
Calculate the present value of a stream of payments given an appropriate discount factor. Students should know how to use the CAPM to derive potential discount factors for payment streams.
Calculate the yield to maturity of a stream of payments given an observed price. Students should also understand the relationship between the coupon rate of traditional bonds, their price and their yield to maturity.
Calculate forward rates for all future periods given the observed yield curve.
Understand the liquidity preference theory of bond markets as well as the expectations hypothesis. They should also be able to price complicated payment streams using observations of the yield curve and the expectations hypothesis.
Calculate the duration and modified duration of a stream of payments and use these to calculate optimal hedges given an arbitrary position in the fixed income market.
Calculate and understand bond convexity and its role (along with duration) in hedging.
Price forward contracts by arbitrage given a risk-free rate.
Price futures contracts whose payoffs are not correlated with the market reinvestment rate.
Understand currently used hypotheses regarding futures contract pricing.
Understand the structure of call and put options.
Price put options given a call option (and vice versa) using the put-call parity relationship.
Apply the Black-Scholes option pricing formula to price call and put options given beliefs about the volatility of the underlying asset.
Apply the Black-Scholes option pricing formula to calculate the implied volatility of an asset given its price.

ECON 453 - Monetary Theory and Policy

Course Information

Teaching Area (new)
ECON

Course Number
453

Teaching Area
ECON

Course Title
Monetary Theory and Policy

Course Description
Macroeconomic aspects of money demand, money supply, the monetary transmission mechanism, central bank policy, and other current issues.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 381 - Intermediate Macroeconomics
  AND ECON 382 - Intermediate Microeconomic Theory 2

Recommended
Concurrent enrollment in Econ 388

Learning Outcomes

Title
Institutional familiary

Tags
181922, 1

Learning Outcome
Students will summarize common financial assets, institutions, policies, and historical experiences, with a base of knowledge that facilitates life-long learning after graduation.

Title
Macro data usage

Learning Outcome
Students will competently extract and visualize macro data from the Federal Reserve Economic Data website (FRED), and evaluate overall trends against model predictions.

Title
Critical thinking with models

Learning Outcome
Students will develop intellectual humility and fair-mindedness, practiced by evaluating a number of related models and discriminating between their distinct settings and distinct predictions.

Title
Role of money

Learning Outcome
Students will rigorously analyze the roles of money in facilitating transactions, storing value over time, and comparing prices of goods.

Title
Causes and impact of inflation

Learning Outcome
Students will identify the causes of inflation, characterize the negative impacts of inflation, and assess incentives for governments to create inflation.

Title
Role of private banks

Learning Outcome
Students will explain the beneficial role of financial intermediaries (banks), and illustrate the individual and systemic risks that they introduce.

Title
Role of central banks

Learning Outcome
Students will evaluate the role of central banks in regulating private banks, and analyze the impact of their regulations on output, inflation, and macro risks.

Title
Monetary policy and deficits

Learning Outcome
Students will examine the impact of government deficits and debt, particularly in their interaction with monetary policy.

Title
Scriptural alignment

Learning Outcome
Students will assess where economic models are in alignment with relevant scriptural doctrine, and identify gospel principles that can enrich our understanding of monetary economics.

ECON 458 - International Trade Theory and Applications

Course Information

Teaching Area (new)
ECON

Course Number
458

Teaching Area
ECON

Course Title
International Trade Theory and Applications

Course Description
Microeconomic analysis of why nations trade, who wins and loses from trade, and the costs and benefits of various trade policies.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Required Prerequsites

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1

Recommended
ECON 382

Learning Outcomes

Title
Gains from Trade

Learning Outcome
Use economic modeling to explain why all kinds of nations--rich and poor, large and small--gain from international trade.

Title
Comparative Advantage

Learning Outcome
Explain comparative advantage, its sources, and how it creates gains from trade.

Title
Other Sources of Gains from Trade

Learning Outcome
Explain how economies of scale and the reduction of market power can also generate gains from trade.

Title
Losses from Trade

Learning Outcome
Identify who might lose from trade even when nations as a whole gain from trade.

Title
International Migration and Capital Flows

Learning Outcome
Use economic modeling to explain what drives human migration and international capital flows and analyze their benefits and costs.

Title
Trade Policies

Learning Outcome
Analyze how trade policies affect national welfare and how such policies help some while hurting others.

Title
Trade Politics

Learning Outcome
Use models of trade to analyze how political forces shape trade policies.

ECON 459 - International Monetary Theory

Course Information

Teaching Area (new)
ECON

Course Number
459

Teaching Area
ECON

Course Title
International Monetary Theory

Course Description
Monetary and macroeconomic aspects of international relations dealing primarily with short-run balance-of-payments disequilibrium and adjustments.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ECON 381 - Intermediate Macroeconomics
  AND ECON 388 - Introduction to Econometrics

OR

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 381 - Intermediate Macroeconomics
  AND POLI 300 - Statistical Analysis

Learning Outcomes

Title
Econ 459 students will be able to

Tags
181924, 1

Learning Outcome

Demonstrate a familiarity with the key issues in two broad fields:

International Finance, particularly exchange rate behavior,
Open Economy Macroeconomics.

Discuss the nature of the foreign exchange market, including:

It's market organization
The role of vehicle currencies
The instruments traded
The role of arbitrage.

Understand and use models of exchange rate behavior:

Covered and uncovered interest rate parity
Long-run monetary and equilibrium models.

Understand financial portfolio theory to the extent that it is useful in explaining exchange rate behavior, including:

The determination of risk premia
How it may explain the "forward bias" puzzle.

Discuss the history of the international financial system since the late 1700's.
Discuss the international aspects of the national income and product accounts, along with the balance of payments accounts.
Apply simple dynamic models of consumption smoothing to the current account.

ECON 461 - Economics of Education

Course Information

Teaching Area (new)
ECON

Course Number
461

Teaching Area
ECON

Course Title
Economics of Education

Course Description
Evaluation of education policy from an economic perspective, focusing on the benefits and costs of policy outcomes. Introduction to quantitative methods used by empirical education researchers.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Required Prerequsites

Type
Prerequisite

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
- ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Learn to Model and Critically Evaluate Education Policy

Learning Outcome
Evaluate education policy from an economics perspective by incorporating costs, benefits, and unintended consequences in education policy analysis Demonstrate an understanding of the theoretical underpinnings of the field, including Education Production, Human Capital formation, and incentives Speak fluently and intelligently about current issues in education policy, including K-12 education and Higher Education

Title
Connect Models and Data to Analyze and Interpret Real-World Fact

Learning Outcome
Evaluate the economics of education research literature from highly regarded peer-reviewed journals Demonstrate an understanding of the quantitative methods that empirical education economists use to conduct causal research

Title
Become an Informed Citizen and Disciple of Jesus Christ

Learning Outcome
6. Understand how circumstances, policy incentives, and constraints affect human behavior, leading to compassion and understanding 7. Identify ways to use your skills, knowledge, and resources about education to benefit individuals, your community, and your nation

ECON 463 - Economics of the Labor Market

Course Information

Teaching Area (new)
ECON

Course Number
463

Teaching Area
ECON

Course Title
Economics of the Labor Market

Course Description
Economic analysis and institutional background of labor markets in developed countries, particularly the United States. Typical topics include labor supply and demand analysis, determination of wages and employment, investment in education, wage differences by gender and race, immigration, and unions.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Required Prerequsites

Type
Prerequisite

Required Prerequsites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Benchmark Labor Market Analysis

Learning Outcome
Use standard optimization models to analyze labor supply, labor demand, and their interactions.

Title
Higher Level Labor Market Analysis

Learning Outcome
Use other models to analyze more complex labor market phenomena, such as job search, human capital choices, risky occupations, union wage setting, and behavior under alternative compensation schemes.

Title
Institutions

Learning Outcome
Analyze key U.S. labor market institutions, with a focus on how government programs affect labor supply and wages.

Title
Literature Analysis

Learning Outcome
Evaluate how high quality labor economics empirical research relates to model predictions.

Title
Empirical Research

Learning Outcome
Complete an empirical project demonstrating competence in basic econometric techniques.

ECON 465 - Health Economics

Course Information

Teaching Area (new)
ECON

Course Number
465

Teaching Area
ECON

Course Title
Health Economics

Course Description
Economic models of health-care markets, including the supply and demand for health and health care, insurance, market imperfections, public-sector involvement, and regulation.

Department
Economics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 388 - Introduction to Econometrics

Note
Concurrent enrollment accepted for Econ 388; see professor.

Learning Outcomes

Title
Model and Critically Evaluate Health and Health Care Policy Areas

Tags
181926, 1

Learning Outcome
1. Understand the basic structure of the public and private sectors of the health care economy of the U.S. 2. Explore and use theoretical models of individual, firm, and government behavior and actions. 3. Consider various policy proposals related to health care and health care markets and critically evaluate their impact on individuals and the economy.

Title
Connect Models and Data to Analyze and Interpret Real-World Facts

Learning Outcome
4. Assess the available empirical evidence on health care behavior at the individual and household level. 5. Recognize implications of the health care economy for government and the interplay between government and the private sector related to health care. 6. Evaluate statistical evidence, being able to recognize assumptions, weaknesses, and strengths. 7. Produce a professional policy proposal or policy brief that applies economic theory and empirical evidence to address real-world issues.

Title
Become an Informed Citizen and Disciple of Jesus Christ

Learning Outcome
8. Understand how circumstances, policy incentives, and constraints affect human behavior, leading to compassion and understanding. 9. Identify ways to use your skills, knowledge, and resources to benefit individuals, your community, and your nation.

ECON 468 - Urban Economics

Course Information

Teaching Area (new)
ECON

Course Number
468

Teaching Area
ECON

Course Title
Urban Economics

Course Description
Economic models relating to spatial location of economic activities and development of cities. Application of economic theory to problems and policies associated with housing, urban transportation, congestion, local government finance, and other urban problems.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1

Other Prerequisites
Econ 388 or concurrent enrollment

Learning Outcomes

Title
Econ 468 students will be able to

Tags
181927, 1

Learning Outcome

Demonstrate an understanding of the role of transportation costs in determining land uses and land prices.Demonstrate a familiarity with the monocentric city model of land use and its use in understanding the impact of local land use and transportation policies.
Apply the basic models of housing demand and the role of filtering in determining the stock of housing in a city.
Demonstrate an understanding of the economic concepts of external costs and how these play a role in air pollution and highway congestion. Apply the concept of Pigouvian pricing as a solution to externality problems in the case of highway congestion.
Discuss the role of time costs in consumers' choice of transportation mode, and why collection and distribution parts of urban trips are so important in determining the proper design of mass transit systems. Demonstrate an understanding of the role of economies of scale in efficient mass transit design.
Use the basic economic model of "rational" crime to predict the impact of various anti-crime policies.

ECON 474 - Topics in Economic History

Course Information

Teaching Area (new)
ECON

Course Number
474

Teaching Area
ECON

Course Title
Topics in Economic History

Course Description
History of economic thought using modern techniques to understand the evolution of the discipline.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1

Other Prerequisites
Econ 388 or concurrent enrollment

Learning Outcomes

Title
Course to Be Deleted

Tags
182001, 1

Learning Outcome
This course is currently not being taught and will be deleted in an upcoming curriculum year.

ECON 475 - Public Economics

Course Information

Teaching Area (new)
ECON

Course Number
475

Teaching Area
ECON

Course Title
Public Economics

Course Description
Evaluation of the role of government from an economic perspective. Typical topics include taxation, externalities, public goods, corruption, public choice, Social Security, Medicare and Medicaid, education, income redistribution, and crime.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1 **AND** ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Econ 475 students will be able to

Tags
181928, 1

Learning Outcome

Discuss the revenue, expenditure, and debt patterns of the U.S federal government.
Analyze how modifying the neoclassical assumptions learned in 380 can affect the welfare implications of markets. In particular, how the welfare implications are affected by

Externalities and Public Goods
Fixed Costs or Increasing Returns
Poorly Enforced Property Rights
Information Problems
Hyperbolic Discounting or Loss Aversion

Demonstrate an understanding of the function and incentive effects of the major redistribution programs in the United States.
Discuss the efficiency and distributional effects of taxation and the theory of optimal taxation for both income and commodity taxes.
Read papers in the public economics literature and

Provide written and oral critiques of the papers
Apply modern tools of econometric analysis in discussing the papers

ECON 476 - Industrial Organization

Course Information

Teaching Area (new)
ECON

Course Number
476

Teaching Area
ECON

Course Title
Industrial Organization

Course Description
Industrial organization focuses on firm behavior in imperfectly competitive markets. Typical topics include the acquisition and use of market power by firms, strategic interactions among firms, and an introduction to noncooperative game theory.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 382 - Intermediate Microeconomic Theory 2

Learning Outcomes

Title
Econ 476 students will be able to

Tags
181929, 1

Learning Outcome

Analyze basic models of competition among firms producing homogeneous goods: competition, monopoly, Cournot oligopoly, Bertrand oligopoly, Stackelberg oligopoly.
Apply basic game theory including solution concepts for normal and extensive form games.
Demonstrate an understanding of extensions to these basic model, including supergames, models of product differentiation, and games of incomplete information.
Apply these models to key issues in theoretical and applied industrial organization: mergers, collusion, advertising, R&D competition, antitrust policy, entry accommodation and entry deterrence, and business strategy.
Discuss the role of government in the market in determining antitrust policy, patent policy, and regulation.
Read, synthesize, and write short review papers on applied or empirical papers from the industrial organization literature.

ECON 477 - Political Economics

Course Information

Teaching Area (new)
ECON

Course Number
477

Teaching Area
ECON

Course Title
Political Economics

Course Description
Economic models of government structure and function: electoral competition, voter participation and cycles, preference aggregation, information aggregation, externalities and public goods, electoral structure, political agency, influence, and bargaining.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 382 - Intermediate Microeconomic Theory 2

Learning Outcomes

Title
Econ 477 students will be able to

Tags
181989, 1

Learning Outcome

Understand fundamental collective action problems and solutions.
Identify benefits and limitations of democratic processes.
Identify parallels between political competition adn market competition.
Compare the strategic incentives created by alternative votiing rules and other political institutions.
Identify puzzles that remain unexplained by modern political economic analysis.
Recognize key assumptions implicit in political debate.

ECON 478 - Game Theory and Economics

Course Information

Teaching Area (new)
ECON

Course Number
478

Teaching Area
ECON

Course Title
Game Theory and Economics

Course Description
Application of game theory to study strategic interaction between individuals and organizations. Applications include imperfect competition, insurance markets, and bargaining.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 378 - Statistics for Economists
  AND ECON 380 - Intermediate Microeconomic Theory 1

Learning Outcomes

Title
Model building and analysis

Tags
181930, 1

Learning Outcome
1. Students can create strategic models and analyze them using standard theoretical tools.

Title
Objectivity toward assumptions

Learning Outcome
2. Students can recognize assumptions that they and others implicitly make and evaluate and discuss these assumptions objectively.

Title
Empathy and strategic thinking

Learning Outcome
3. Students can recognize how actions can affect others' beliefs and incentives.

ECON 484 - Machine Learning for Economists

Course Information

Teaching Area (new)
ECON

Course Number
484

Teaching Area
ECON

Course Title
Machine Learning for Economists

Course Description
Theory and practice of machine learning methods for applications in economics.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 380 - Intermediate Microeconomic Theory 1
  AND ECON 388 - Introduction to Econometrics

ECON 490 - Senior Paper

Course Information

Teaching Area (new)
ECON

Course Number
490

Teaching Area
ECON

Course Title
Senior Paper

Course Description
Research skills in economic literature. Instrutor's consent required.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Students in ECON 490R will

Tags
181980, 0

Learning Outcome
Demonstrate competency of research skills by writing an original, independent research paper that makes a contribution to the literature in an area of economics.

ECON 498R - Readings in Economics

Course Information

Teaching Area (new)
ECON

Course Number
498R

Teaching Area
ECON

Course Title
Readings in Economics

Course Description
Intensive study of economic research literature.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Note
P/F grade only; maximum of 2 credit hours; 3 hours of reading per week required for each credit hour taken. Not counted toward required major hours.

Learning Outcomes

Title
Students in ECON 498R will

Tags
181981, 0

Learning Outcome
Develop a rigorous understanding of a specific area of economics through intensive study of the research literature.

ECON 580 - Advanced Microeconomic Theory 1

Course Information

Teaching Area (new)
ECON

Course Number
580

Teaching Area
ECON

Course Title
Advanced Microeconomic Theory 1

Course Description
Household optimization, firm optimization, equilibrium with competitive markets, and economy-wide welfare analysis.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 382 - Intermediate Microeconomic Theory 2
  AND MATH 290 - Fundamentals of Mathematics

Other Prerequisites
Or instructor's approval

ECON 581 - Advanced Macroeconomics

Course Information

Teaching Area (new)
ECON

Course Number
581

Teaching Area
ECON

Course Title
Advanced Macroeconomics

Course Description
Theory of determining national income, employment, inflation, and interest rates. Issues of economic fluctuations, economic growth, and monetary and fiscal policy.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 381 - Intermediate Macroeconomics
  AND ECON 382 - Intermediate Microeconomic Theory 2
  AND ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Develop Analytical Toolkit for Macroeconomic Analysis

Tags
181988, 1

Learning Outcome
1. Develop a toolkit for solving dynamic optimization problems in macroeconomics (e.g., Karush-Kuhn-Tucker conditions, Dynamic Programming, Continuous Time optimization, etc.).

Title
Computational Methods in Macroeconomic Analysis

Learning Outcome
2. Use standard computational methods for solving these models numerically (e.g., shooting algorithms, value function iteration, calibration, nonlinear equation solving, etc.).

Title
Be Able to Define and Analyze Dynamic Equilibria

Learning Outcome
3. Use standard computational methods for solving these models numerically (e.g., shooting algorithms, value function iteration, calibration, nonlinear equation solving, etc.).

Title
Broaden Knowledge of Macroeconomic Research Frontiers

Learning Outcome
4. Gain a broad exposure to major topics and leading research in macroeconomics and expand abilities to discuss and present research findings.

Title
Preparation for Graduation School in Economics

Learning Outcome
5. Develop resilience, confidence, and humility to succeed in the macroeconomics coursework for leading PhD programs.

ECON 582 - Advanced Microeconomic Theory 2

Course Information

Teaching Area (new)
ECON

Course Number
582

Teaching Area
ECON

Course Title
Advanced Microeconomic Theory 2

Course Description
Game theory tools, used in the study of strategic interaction and imperfect information in current economic research.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 580 - Advanced Microeconomic Theory 1

Learning Outcomes

Title
Define and analyze strategic equilibria

Learning Outcome
Students will define and solve for equilibria in various strategic settings, then analyze the resulting outcomes for efficiency and distributional consequences.

Title
Evaluate the use of strategic analysis

Learning Outcome
Students will examine and present current economic research, evaluating how the tools of strategic analysis have been used to extract novel insights.

Title
Preparation for graduation school

Learning Outcome
Students will develop resilience, confidence, and humility to succeed in the microeconomics coursework for leading PhD programs.

Title
Scriptural Alignment

Learning Outcome
Students will assess where strategic behavior is in alignment with relevant scriptural doctrine.

ECON 588 - Advanced Econometrics

Course Information

Teaching Area (new)
ECON

Course Number
588

Teaching Area
ECON

Course Title
Advanced Econometrics

Course Description
Theory and practice of formulating, estimating, and analyzing economic models.

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 388 - Introduction to Econometrics

Learning Outcomes

Title
Econ 588

Tags
181934, 1

Learning Outcome

Demonstrate a familiarity with the properties and applications of several families of statistical distributions to econometric problems.
Demonstrate an understanding of variations and generalizations of the basic regression model including

Generalized least squares
Generalized autoregressive conditional heteroskedasticity models
Instrumental variables
Seemingly unrelated regression models
Panel data
Hausman specification tests.

Demonstrate an understanding of estimation frameworks in econometric models including

Parametric, semiparametric, and non parametric specifications
Maximum likelihood, M-, generalized method of moments, kernel, empirical likelihood, and extremum estimation.

Formulate and estimate various nonlinear models.
Identify and estimate autoregressive integrated moving average (ARIMA) models and obtain forecasts of economic variables.
Demonstrate an understanding of dynamic (and static) structural econometric models including being able to discuss

Reduced form, structural, and transfer function representations
The identification problem
Issues of estimation and statistical inference
Vector autoregression models.

Complete a research project in which they formulate a research question, apply appropriate methods to answer the question, and prepare a paper summarizing their results.

ECON 599R - Academic Internship: Supervised Management and Training

Course Information

Teaching Area (new)
ECON

Course Number
599R

Teaching Area
ECON

Course Title
Academic Internship: Supervised Management and Training

Department
Economics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Course work pertinent to proposed experience

Learning Outcomes

Title
Course To Be Deleted

Tags
182005, 1

Learning Outcome
This course is currently not being taught and will be deleted in an upcoming curriculum year.

EDLF 201 - Foundations of Education

Course Information

Teaching Area (new)
EDLF

Course Number
201

Teaching Area
EDLF

Course Title
Foundations of Education

Course Description
The purposes of education and schooling in a democracy and the historical, cultural, philosophical, and sociological foundations underlying the development of the American educational system.

Department
Educational Leadership and Foundations

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical and Philosophical Foundations of Education

Tags
178144, 0

Learning Outcome
Teacher candidates understand the major philosophical, historical, and sociological movements in Western education, including the nature of man, external structure, and individual freedom.

Title
Social Foundations of Education

Tags
178145, 1

Learning Outcome
Teacher candidates examine central issues and contexts of education (e.g., wealth and poverty, school and family, alternative delivery systems, school and democracy, school and law, religion and education). They will also explore political and policy issues confronting education, governance and structure of public education, and financial and economic aspects of education.

Title
Personal and Professional Philosophy of Education

Tags
178146, 2

Learning Outcome
Teacher candidates reflect upon and articulate their own views of education and connect these views to their future professional practice and personal educational philosophy.

Title
Moral Foundations of Education

Tags
178147, 3

Learning Outcome
Teacher candidates investigate their own role as professionals engaged in the American proposition that education is a moral responsibility necessary for a civil and prosperous democratic society. They will understand the vision and purposes of the BYU-Public School Partnership and BYU's commitments to public education and its role in American society and will examine the moral commitments of education adopted by the Partnership.

EDLF 362 - Introduction to International Development Education

Course Information

Teaching Area (new)
EDLF

Course Number
362

Teaching Area
EDLF

Course Title
Introduction to International Development Education

Course Description
Major concepts and research in educational aspects of poverty alleviation and human development. Role of education as foundation of poverty alleviation, expanding human capabilities, and for promoting national development.

Department
Educational Leadership and Foundations

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Theoretical understanding of IDE

Tags
178048, 1

Learning Outcome
Become aware of key theoretical concepts and different understandings on education and development, and the significance of human rights mainstreaming as a pillar in disciplinary and professional divide.

Title
Critical examination of development architectures

Tags
178066, 4

Learning Outcome
Examine strengths and weaknesses of development architectures--particularly in relation to key problems and issues like poverty, exclusion, gender, empowerment and dignity, sustainability, capabilities and functioning and human rights. Learn to question the "Washington Consensus" wisdom and existing systems, structures, and models are working and, if not, what might work instead.

Title
Education a powerful tool for enlarging opportunity freedom, eliminating inequalities, and for overcoming poverty and other disadvantages.

Tags
178185, 0

Learning Outcome
Education is a powerful tool for creating opportunities, eliminating inequalities, and enabling people to overcome poverty and other disadvantages. Educational development and poverty reduction are, therefore, integrally linked issues in comparative and international education and development research. Students will understand how governments, international governmental organizations (IGOs), international non-governmental organizations (INGOs), and other institutions create as right-holders can create educational opportunities and support educational systems that develop leadership and foster learning and creativity for all people.
These questions and other outcomes explored in this course will enable students to:

Introduce students to the complexities of the reservoir of diverse intellectual ideas and traditions in education;
Articulate these understandings in making more thoughtful, responsible and better informed decisions in their own research and practice, and in their own reading and use of research in the field;
Understand issues of equity and equality of educational opportunities and outcomes for differently situated social groups, especially those who historically have been most discriminated against;
Synthesize the knowledge and discussions regarding the concept of education in poverty and human development, so as to inform their definition, draw on the extensive policy and academic literatures available to propose relationships between the multidemsionalities of poverty and five related concepts: educational poverty, rights in education and right to education, human rights, and well-being and happiness;
Acquire a critical methodology that should prepare students for second cycle studies as well as for making contribution as mid-level policy-makers in agencies or practitioners in NGOs.

EDLF 363 - Education, Poverty, and Community Development

Course Information

Teaching Area (new)
EDLF

Course Number
363

Teaching Area
EDLF

Course Title
Education, Poverty, and Community Development

Course Description
Examines the nexus between education, poverty, and socioeconomic development challenges facing developing countries through the perspective of economics, religion, and the state.

Department
Educational Leadership and Foundations

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Formulate research questions

Tags
178054, 3

Learning Outcome
Formulate complex research questions regarding development.

Title
Effective communication

Tags
178058, 4

Learning Outcome
Communicate scientific issues and follow the development of knowledge.

Title
Understand development dimensions

Tags
178060, 5

Learning Outcome
Develop a more effective understanding of the economics, social, and political dimensions of educational development within and across national boundaries.

Title
Critical reflection on theories

Tags
178068, 1

Learning Outcome
Locate, understand, and critically review development theories and research within their respective disciplines and within the interdisciplinary field of Development Studies

Title
Development analysis

Tags
178087, 2

Learning Outcome
Analyze relevant development phenomena in a complex manner using key concepts and theories studied during the course.

Title
Understanding development paradigms and critical reflection on poverty and human development

Tags
178140, 0

Learning Outcome
Identify and critically reflect upon issues and theories of poverty and human development
The Specific Objectives of the Course are as Follows:

Understand the way in which different educational systems, pedagogical approaches, and organizational structures have evolved in a variety of cultures and country contexts;
Explain the role that education plays in global social, political and economic development;
Develop the ability to think logically and critically, and to apply knowledge from multiple disciplines to various contexts;
Develop the ability to reflect on, understand, and respond to complex international and intercultural issues relating to human rights, right to education, rights in education and development; and
Develop the ability to locate, identify, and use sources of information from multiple disciplines to understand and address issues related to education.

EDLF 365 - Education Policy and Research in Developing Countries

Course Information

Teaching Area (new)
EDLF

Course Number
365

Teaching Area
EDLF

Course Title
Education Policy and Research in Developing Countries

Course Description
Current education practices, issues, institutions, and research in global education policy. Students will develop skills in the assessment and analysis of challenges facing education systems in developing countries.\n\n

Department
Educational Leadership and Foundations

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

EDLF 390R - Special Topics in Education

Course Information

Teaching Area (new)
EDLF

Course Number
390R

Teaching Area
EDLF

Course Title
Special Topics in Education

Course Description
Various topics dealing with educational issues.

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Seminar Specific

Tags
178125, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 399R - Academic Internship

Course Information

Teaching Area (new)
EDLF

Course Number
399R

Teaching Area
EDLF

Course Title
Academic Internship

Course Description
On-the-job experience and training under the guidance of a mentor.

Department
Educational Leadership and Foundations

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Individualized Learning

Tags
178124, 1

Learning Outcome
Students will engage in an educational internship with learning outcomes individualized to each situation. These learning outcomes will be specified in a contract between professor and student.

EDLF 411 - Educational Legal and Ethical Issues for Educators

Course Information

Teaching Area (new)
EDLF

Course Number
411

Teaching Area
EDLF

Course Title
Educational Legal and Ethical Issues for Educators

Course Description
An introductory course to prepare pre-service teachers to create safe and successful learning environments for all students. Preservice teachers will also be armed to avoid misunderstandings or false allegations against them and will be able to understand the purposes and means and ethical grounding and reasons for ensuring equity, fairness, safety and established rights of the entire educational community of students, parents, and teachers.

Department
Educational Leadership and Foundations

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Must be accepted into EL ED major program.

Learning Outcomes

Title
Rights-based Discourse

Tags
212611, 0, 1, 2022-12-20 16:45:08

Learning Outcome
Teacher candidates will be able to explain the reasons for rules and concerns surrounding policies and rights-based discourse regarding students.

Title
Ethical Pronouncement and Regulations

Tags
212612, 0, 2, 2022-12-20 16:45:08

Learning Outcome
Teacher candidates will demonstrate primary knowledge of very basic Constitutional law, and several key statutory and other ethical pronouncements in exemplary regulations.

Title
Student Safety, Equity, Fairness, and Protection

Tags
212613, 0, 3, 2022-12-20 16:45:08

Learning Outcome
Teacher candidates will become familiar with the legal and ethical issues surrounding student safety, equity, fairness and protection, while also being able to demonstrate basic knowledge regarding their duties to respect safe boundaries and interaction with students.

Title
The Role of Public Schools

Tags
212614, 0, 4, 2022-12-20 16:45:08

Learning Outcome
Teacher candidates will understand the role of the public schools in demonstrating the ability to combine impartiality, sensitivity to student diversity, and ethical considerations in their interactions with others in promoting social justice.

EDLF 494R - Independent Readings

Course Information

Teaching Area (new)
EDLF

Course Number
494R

Teaching Area
EDLF

Course Title
Independent Readings

Course Description
Readings in education.

Department
Educational Leadership and Foundations

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Individualized Learning

Tags
178122, 1

Learning Outcome
Student will engage in individualized learning as specified in written contract between professor and student.

EDLF 495R - Independent Research

Course Information

Teaching Area (new)
EDLF

Course Number
495R

Teaching Area
EDLF

Course Title
Independent Research

Course Description
Student research mentored by faculty member.

Department
Educational Leadership and Foundations

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Individualized Learning

Tags
178123, 1

Learning Outcome
Student will engage in individualized learning as specified in written contract between professor and student.

EDLF 515R - Curriculum Innovation

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Curriculum Innovation

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Curriculum Innovations

Tags
178132, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Secondary Principl

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Secondary Principl

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Secondary Principal

Tags
178136, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Topics in Community Educating

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Topics in Community Educating

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Community Education

Tags
178128, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Topics in Elementary Leadership

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Topics in Elementary Leadership

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Elementary Leadership

Tags
178131, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Higher Education Topics

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Higher Education Topics

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Higher Education

Tags
178137, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Effective Teaching

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Effective Teaching

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Effective Teaching

Tags
178133, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Special Topics in Education

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Special Topics in Education

Department
Educational Leadership and Foundations

When Taught
Fall, Winter, Summer

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Note
Credit earned in 515R is not counted toward graduate degrees.

Learning Outcomes

Title
Seminar specific

Tags
178127, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Topics in Educational Leadership

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Topics in Educational Leadership

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Educational Leadership

Tags
178130, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - School Leadership

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
School Leadership

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: School Leadership

Tags
178134, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Home-School Relationships

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Home-School Relationships

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Home and School Relations

Tags
178129, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 515R - Elementary Princip

Course Information

Teaching Area (new)
EDLF

Course Number
515R

Teaching Area
EDLF

Course Title
Elementary Princip

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Topic: Elementary Principal

Tags
178135, 1

Learning Outcome
Students will aciheve learning outcomes specified for each special topic as determined by the professor at the beginning of the seminar.

EDLF 530 - School and Community Programs in Education

Course Information

Teaching Area (new)
EDLF

Course Number
530

Teaching Area
EDLF

Course Title
School and Community Programs in Education

Course Description
Examination of programs in school and community for enhancement of teaching and learning.

Department
Educational Leadership and Foundations

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Course Under Review

Tags
178126, 1

Learning Outcome
This course is connected to a program that is currently furloughed. Learning outcomes will be written when the program is reinstated.

EL ED 200 - Introduction to Education

Course Information

Teaching Area (new)
EL ED

Course Number
200

Teaching Area
EL ED

Course Title
Introduction to Education

Course Description
Introduction to the philosophical foundations of education and the role of public education in the U.S. today. Topics will include how (a) public education is the cornerstone of a civil and prosperous democratic community; (b) education is a public imperative, a moral endeavor, and a shared responsibility for all members of society; and (c) public schools exist to provide access to education for all, which includes both academic mastery and personal development for the purpose of maximizing students' potential to participate fully and productively in society. In addition to readings and discussions, there will be opportunities for experiences in local public schools.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Education for All

Tags
210613, 0, 1, 2021-01-07 10:02:20

Learning Outcome
Explain how public schools exist to provide access to education for all.

Title
Education as a Public Imperative

Tags
210614, 0, 2, 2021-01-07 10:02:20

Learning Outcome
Describe ways that all citizens can contribute to the success of student learning.

Title
The Role of Education in a Democratic Society

Tags
210615, 0, 3, 2021-01-07 10:02:20

Learning Outcome
Identify the ways in which education helps individuals participate in a democratic society.

EL ED 203 - Foundations of Multicultural Education

Course Information

Teaching Area (new)
EL ED

Course Number
203

Teaching Area
EL ED

Course Title
Foundations of Multicultural Education

Course Description
Learn to address social and cultural differences, foster inclusive learning environments, and develop awareness of power, privilege, and diverse backgrounds. Christlike virtues are emphasized to communicate high expectations, incorporate resources from diverse students, families, and communities.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Limited to Elementary Education majors or pre-majors, and Early Childhood Education majors and pre-majors.

Learning Outcomes

Title
Cultural Identities

Learning Outcome
Examine and understand the various dimensions of cultural identity, including one's own, and apply this knowledge to a process of personal reflection.

Title
Recognize Privilege and Inequity

Learning Outcome
Recognize and acknowledge racism, discrimination and other forms of inequity and privilege in themselves, in others, and within institutions.

Title
Inclusion

Learning Outcome
Learn to appreciate and value individual and cultural differences. Recognize how diversity enriches opportunities for learning and engagement within various communities.

Title
Critical Dispositions

Learning Outcome
Recognize and use a moral/spiritual framework as a multicultural educator. Develop critical multicultural dispositions (e.g., self-critique, social awareness, meekness, advocacy). Explore perspectives and ways of knowing multicultural concerns (e.g., gender, sexuality, race and ethnicity, language abilities, immigration, social class, poverty).

EL ED 213 - Instructional Design and Assessment for all Learners

Course Information

Teaching Area (new)
EL ED

Course Number
213

Teaching Area
EL ED

Course Title
Instructional Design and Assessment for all Learners

Course Description
Curriculum design and assessment theory, strategies, and tools for the K-6 classroom. Fundamental concepts in using assessments to evaluate and support language and literacy development for English learners. Use of formal and informal assessment practices to support the learning of all students.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Learning Outcomes

Title
Understand and apply the science of assessment in support of

Tags
178344, 0

Learning Outcome
Teacher candidates will be able to describe, define and apply the principles and science of assessment to determine instructional needs, design and deliver effective instruction and communicate assessment results to appropriate audiences in a multi-tiered system of support.

Title
Multi-tiered system of instructional support

Tags
178352, 6

Learning Outcome
Teacher candidates will be able to define, design and employ evidenced-based instructional practices within a multi-tiered system of support.

Title
Define and apply curriculum standards

Tags
178353, 4

Learning Outcome
Teacher candidates will be able to describe their role and responsibility regarding curriculum standards and ensure that curriculum addresses the needs of diverse students.

Title
Use assessment data to define and address student needs

Tags
178361, 4

Learning Outcome
Teacher candidates will be able to synthesize and employ assessment evidence to inform instructional decision-making, interpret data to evaluate instruction, and apply a problem-solving process to address students' cognitive, social-emotional and linguistic learning needs within a multi-tiered system of support.

Title
Instructional Design and Assessment for All Learners

Tags
178936, 1

Learning Outcome

Teacher candidates will be able to describe, define and apply the principles and science of assessment to determine instructional needs, design and deliver effective instruction and communicate assessment results to appropriate audiences in a multi-tiered system of support.
Teacher candidates will be able to describe their role and responsibility regarding curriculum standards and ensure that curriculum addresses the needs of diverse students.
Teacher candidates will be able to synthesize and employ assessment evidence to inform instructional decision-making, interpret data to evaluate instruction, and apply a problem-solving process to address students' cognitive, social-emotional and linguistic learning needs within a multi-tiered system of support.
Teacher candidates will be able to define, design and employ evidenced-based instructional practices within a multi-tiered system of support.

EL ED 299R - Classroom Management and Practicum 1

Course Information

Teaching Area (new)
EL ED

Course Number
299R

Teaching Area
EL ED

Course Title
Classroom Management and Practicum 1

Course Description
This course, one of two required in Elementary Education, provides foundational classroom management skills and real-world teaching experience, allowing preservice teachers to apply learned methodologies in classrooms under the guidance of mentor teachers.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
12

Other Prerequisites
Background check.
Fingerprint clearance.
Concurrent enrollment in ELED 310.

Learning Outcomes

Title
Levels of Teacher Control

Tags
212354, 0, 1

Learning Outcome
Compare and contrast various levels of teacher control and describe how each level would look in the classroom setting.

Title
Motivation Theory & Application

Tags
212355, 0, 2

Learning Outcome
Based on knowledge of motivation theory, develop and implement various approaches and strategies for motivating students.

Title
Learning Environment

Tags
212356, 0, 3

Learning Outcome
Explain how to effectively establish and maintain elements of a nurturing, effective, productive learning environment, including: rules, procedures, rapport, and the physical space.

Title
Behavior Interventions

Tags
212357, 0, 4

Learning Outcome
Develop and implement a plan to address misbehavior with various, appropriate levels of response.

Title
Performance & Disposition Evaluation

Tags
212358, 0, 5

Learning Outcome
Demonstrate a 'developing' level of competency and disposition of a classroom teacher as evidenced by the summative evaluations using university-based observations.

EL ED 310 - Planning and Assessment 1

Course Information

Teaching Area (new)
EL ED

Course Number
310

Teaching Area
EL ED

Course Title
Planning and Assessment 1

Course Description
Instruction in foundational knowledge and skills necessary to design quality lesson plans and assessments including an understanding of content standards, rationale and design for a variety of assessments, and elements of effective lesson planning.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Background check.
Fingerprint clearance.
Concurrent enrollment in El Ed 299R.

Learning Outcomes

Title
Contextual Factors

Tags
212595, 0, 1

Learning Outcome
Teacher candidates will describe various key contextual factors, how they impact instruction, and what steps the teacher will take to attend to the specific setting in which he/she is teaching.

Title
Lesson Planning

Tags
212596, 0, 2

Learning Outcome
Teacher candidates will demonstrate the ability to develop clear, effective, aligned lesson plans based on core standards.

Title
Formative and Summative Assessment

Tags
212597, 0, 3

Learning Outcome
Teacher candidates will create technically sound formative and summative assessments taking into consideration issues of validity and reliability.

Title
Key Components of Effective Planning and Assessment

Tags
212598, 0, 4

Learning Outcome
Teacher candidates will explain key components of effective planning and assessment (e.g., learning theory, accessing and using core standards, backward design, validity and reliability, principles of instructional multi-tiered systems of support).

EL ED 323 - Foundations of Literacy Development

Course Information

Teaching Area (new)
EL ED

Course Number
323

Teaching Area
EL ED

Course Title
Foundations of Literacy Development

Course Description
Language and literacy development for first and second language learners including theoretical underpinnings, processes, historical foundations, and instructional contexts that support language and literacy development for all K-6 children.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into elementary education program.

Learning Outcomes

Title
Theories and Process of Reading and Writing

Tags
179049, 1

Learning Outcome
Explain, compare and critique theories of reading and writing processes and development with supporting research evidence. (ILA Standard 1.1.1)

Title
Language Processes

Tags
179050, 2

Learning Outcome
Explain and apply first language acquisition processes that support literacy development across elementary years, e.g., cueing systems, vocabulary, teacher talk). (ILA Standard 1.1.2)

Title
Second Language and Literacy Acquisition

Tags
179051, 3

Learning Outcome
Explain, apply, and compare/contrast knowedge about second language literacy development in context. (ILA Standard 1.1.3 & 9)

Title
Literacy Processes

Tags
179052, 4

Learning Outcome
Explain and apply reading and writing development across elementary years, e.g., word recognition, language comprehension, strategic knowledge, spelling, qualities of good writing, and reading/writing connections. (ILA Standard 1.1.2)

Title
Historical Foundations of Literacy Instruction

Tags
179053, 5

Learning Outcome
Identify and synthesize major milestones in literacy instruction.(ILA Standard 1.2.1)

EL ED 324 - Foundations of Classroom Management

Course Information

Teaching Area (new)
EL ED

Course Number
324

Teaching Area
EL ED

Course Title
Foundations of Classroom Management

Course Description
Exploring philosophies of classroom management focusing on promoting child guidance in an engaging and effective K-6 classroom learning environment.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 203 - Foundations of Multicultural Education

Learning Outcomes

Title
Professionalism

Tags
208256, 0, 2

Learning Outcome
Demonstrate professionalism in the practicum setting.

Title
El Ed 324 Course Outcomes

Tags
179045, 0, 1

Learning Outcome
Throughout this course, the students will:

Compare and contrast management theories and approaches to classroom management.
Identify ways to prevent management problems.
Describe practical approaches for management interventions or ways of addressing problems that arise.
Identify the components of an effective learning environment.
Identify practices and strategies of a democratic classroom.
Explore ways to motivate children using effective motivational theories.
Formulate a personal management philosophy.
Create a classroom management plan.
Describe how needs of diverse learners are met in various components of management.
Identify management approaches that align with the vision of the McKay School of Education and the Educator Preparation Program.

EL ED 330 - K-2 Practicum Seminar

Course Information

Teaching Area (new)
EL ED

Course Number
330

Teaching Area
EL ED

Course Title
K-2 Practicum Seminar

Course Description
Prepare for and reflect on the K-2 practicum experience.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in El Ed 332

Note
Sections are added by envelope with corresponding section of EL ED 332.

Learning Outcomes

Title
El Ed 330 Course Outcomes

Tags
178881, 1

Learning Outcome
Throughout this course, the students will:

discuss and make connections between the theoretical knowledge from foundational courses in the elementary education program to the experiences they will have during their K-2 practicum.
self-evaluate their professional dispositions about teaching and learning.
be expected to identify and practice professional attitudes about teaching and learning.
develop planning skills.
identify best teaching strategies and practices, focusing on K-2 classrooms.
revisit and update their classroom management plan.
identify and practice those foundational principles associated with the BYU/Public School Partnership and the McKay School of Education, including Utah Effective Teaching Standards and the Partnership Vision and Commitments.

EL ED 332 - Practicum in Grades K-2

Course Information

Teaching Area (new)
EL ED

Course Number
332

Teaching Area
EL ED

Course Title
Practicum in Grades K-2

Course Description
Applying knowledge from foundational and content courses to teaching in a K-2 setting. Observing, planning, teaching, assessing, and reflecting in a public school setting.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 324 - Foundations of Classroom Management

Other Prerequisites
concurrent enrollment in El Ed 330; FBI fingerprint and background clearance.

Note
Sections are added by envelope with corresponding section of El Ed 330.

Learning Outcomes

Title
EI Ed 332 Course Outcomes

Tags
178885, 1

Learning Outcome
Throughout this practicum, all practice will be focused on children and classes in grades K-2. Each student will:

apply appropriate planning skills.
implement appropriate and effective pedagogy.
demonstrate high levels of professionalism.

EL ED 333 - Teaching Literacy in the Primary Grades (K-2)

Course Information

Teaching Area (new)
EL ED

Course Number
333

Teaching Area
EL ED

Course Title
Teaching Literacy in the Primary Grades (K-2)

Course Description
Instructional practices for teaching children the literacy concepts, skills, and strategies they need to learn in grades K-2. Assessing, monitoring, and evaluating children's literacy knowledge and learning in grades K-2.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in EI Ed 299R.

Learning Outcomes

Title
Assessment

Tags
179054, 1

Learning Outcome
Teacher candidates will be able to administer, score, and interpret a variety of assessments appropriate for use in screening, diagnostic, monitoring, and outcome literacy assessment in primary grades (e.g., running records, Clay's observation survey, phonemic awareness assessment, DIBELS). (See ILA Standard 3)

Title
Literacy Environment

Tags
179055, 2

Learning Outcome
Teacher candidates will be able to identify and evaluate key aspects of an effective literacy environment in a primary grade classroom. (See ILA Standard 5)

Title
Instruction

Tags
179056, 3

Learning Outcome
Teacher candidates will be able to plan and implement primary grade literacy instruction for whole class, small groups, and individual students (e.g., read aloud, shared reading, guided reading, independent reading, shared writing interactive writing, language experience). (See ILA Standard 2)

Title
Learner Development

Tags
179057, 4

Learning Outcome
Teacher candidates will plan and implement primary grade literacy instruction that is linked to student backgrounds across a variety of diverse characteristics. (See ILA Standard 4)

Title
Curriculum

Tags
179058, 5

Learning Outcome
Teacher candidates will use foundational knowledge to design and/or implement instruction that develops primary grade students' word recognition, language comprehension, strategic knowledge and reading/ writing connections. (See ILA Standard 2)

Title
Professional Learning

Tags
179059, 6

Learning Outcome
Teacher candidates will examine their dispositions and orientation regarding their own reading and writing and the teaching of reading and writing, and pursue the development of individual professional knowledge and behaviors. (See ILA Standard 6)

EL ED 340 - Children's Literature

Course Information

Teaching Area (new)
EL ED

Course Number
340

Teaching Area
EL ED

Course Title
Children's Literature

Course Description
Trends and titles in children's and adolescent literature. Reading and critiquing as well as practical uses of children's literature in both school and home.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Elementary education or early childhood education major or pre-major status.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

Learning Outcomes

Title
Evaluating Children's Books

Tags
178559, 1

Learning Outcome
1. Students will understand and apply criteria in evaluating children's books for quality and function.

Title
Knowledge Base in Children's Literature

Tags
178560, 2

Learning Outcome
2. Students will gain a knowledge base concerning the field of children's literature as contained in the assigned textbook and class lectures.

EL ED 343 - Language Acquisition in Elementary Education

Course Information

Teaching Area (new)
EL ED

Course Number
343

Teaching Area
EL ED

Course Title
Language Acquisition in Elementary Education

Course Description
Processes and variables in native- and second-language development. Fostering efficient acquisition of language, cognitive, and academic skills in second-language environments.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 203 - Foundations of Multicultural Education

Other Prerequisites
major status

Learning Outcomes

Title
Language Acquisition in El Ed

Tags
178903, 1

Learning Outcome
El Ed 343 is currently an inactive course. Learning outcomes will be created when this course is offered.

EL ED 344 - Content-Based Literacy

Course Information

Teaching Area (new)
EL ED

Course Number
344

Teaching Area
EL ED

Course Title
Content-Based Literacy

Course Description
Instructional methods, strategies, and materials for integrating curriculum content and language instruction. Teaching, creating, and adapting lesson materials in a multicultural context.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
El Ed 343 or concurrent enrollment.

Learning Outcomes

Title
Content-Based Literacy

Tags
178904, 1

Learning Outcome
El Ed 344 is currently an inactive course. Learning outcomes will be created when this course is offered.

EL ED 345 - Family, School, and Community Partnership

Course Information

Teaching Area (new)
EL ED

Course Number
345

Teaching Area
EL ED

Course Title
Family, School, and Community Partnership

Course Description
Standards, principles, policies, and processes of collaborating with parents, families, schools, and communities in fostering and sustaining the development of children and youth.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
El Ed 344 or concurrent enrollment

Learning Outcomes

Title
Family, School and Community Partnership

Tags
178905, 1

Learning Outcome
El Ed 345 is currently an inactive course. Learning outcomes will be created when this course is offered.

EL ED 399R - Classroom Management and Practicum 2

Course Information

Teaching Area (new)
EL ED

Course Number
399R

Teaching Area
EL ED

Course Title
Classroom Management and Practicum 2

Course Description
Instruction on establishing community, personal management philosophy, severe/chronic misbehavior, systems of management, and the BYU-Public School Partnership Commitments. Clinical experience includes observation, practice, and reflection in a K-6 grade classroom.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
12

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- EL ED 299R - Classroom Management and Practicum 1

OR

Prerequisites

Complete ALL of the following Courses:

- EL ED 332 - Practicum in Grades K-2

Other Prerequisites
Background check. Fingerprint clearance. Concurrent enrollment in ELED 410.

Fee
0

Learning Outcomes

Title
Personal Management Philosophy

Tags
211882, 0, 1, 2022-05-24 13:48:29

Learning Outcome
Create a personal philosophy of classroom management based on an understanding of various management theories, levels of teacher control, and experiences in the classroom.

Title
Building Community

Tags
211883, 0, 2, 2022-05-24 13:48:29

Learning Outcome
Teacher candidates will develop a specific plan for building community within the classroom, including effective communication.

Title
Systems of Management

Tags
211884, 0, 3, 2022-05-24 13:48:29

Learning Outcome
Teacher candidates will describe various systems of management, how to handle severe/chronic misbehavior, and emergency response procedures.

Title
Partnership Commitments & Democracy in the Classroom

Tags
211885, 0, 4, 2022-05-24 13:48:29

Learning Outcome
Teacher candidates will synthesize the importance of the five BYU-Public School Partnership Commitments and develop a specific plan for incorporating various aspects of democracy in the classroom.

Title
Performance & Disposition Evaluation

Tags
211886, 0, 5, 2022-05-24 13:48:29

Learning Outcome
Demonstrate a “beginning” level competency and disposition of a classroom teacher as evidenced by the summative evaluations using university-based observations.

EL ED 400R - Elementary Student Teaching

Course Information

Teaching Area (new)
EL ED

Course Number
400R

Teaching Area
EL ED

Course Title
Elementary Student Teaching

Course Description
Supervised, full-day experience to develop and demonstrate competence in teaching at the elementary school level. Observations are conducted and feedback provided throughout the experience as the responsibility for teaching increases across the semester.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; total GPA of 2.70, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
See Education Advisement Center for application dates.

Learning Outcomes

Title
El Ed 400R Course Outcomes

Tags
178886, 0, 1

Learning Outcome
Participating in the Public School Setting
The student teacher will:

observe and reflect with the intent to improve practice.
effectively manage children in all facets of a school setting.
increase his or her responsibility until they are operating as the regular classroom teacher.
apply knowledge from various content courses as they relate to teaching in an elementary classroom.
apply knowledge of various pedagogical methods for planning, teaching, and assessing and when they are most appropriate.
demonstrate high levels of professionalism during their student teaching.
create a Praxis Performance Assessment for Teachers (PPAT) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

EL ED 410 - Planning and Assessment 2

Course Information

Teaching Area (new)
EL ED

Course Number
410

Teaching Area
EL ED

Course Title
Planning and Assessment 2

Course Description
This course attends to advanced levels of planning and assessment (e.g., accommodation, differentiation, levels of planning, integration, response to intervention). Students will have the opportunity to work in a Professional Learning Community to maximize planning and assessment.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 310 - Planning and Assessment 1

Other Prerequisites
Background check and fingerprinting
Concurrent enrollment in EL ED 399R

Learning Outcomes

Title
Contextual Factors

Tags
212603, 0, 1, 2022-12-20 16:44:08

Learning Outcome
Teacher candidates will describe various key contextual factors, how they impact instruction and assessment in terms of accommodations and differentiation, and what steps the teacher will take to attend to the specific setting in which they are teaching.

Title
Levels of Planning

Tags
212604, 0, 2, 2022-12-20 16:44:08

Learning Outcome
Teacher candidates will design various levels of planning, including daily small box lesson plans, unit planning, and yearly curriculum mapping.

Title
Accommodation and Differentiation

Tags
212605, 0, 3, 2022-12-20 16:44:08

Learning Outcome
Teacher candidates will describe the rationale and process of appropriate accommodations and differentiation to meet specific needs of individual students, including Response to Intervention and Multi-tiered Systems of Support, and will differentiate and accommodate for student needs during practicum teaching experiences.

Title
Professional Learning Community

Tags
212606, 0, 4, 2022-12-20 16:44:08

Learning Outcome
Teacher candidates will describe effective participation in Professional Learning Communities for both planning and assessment purposes.

EL ED 435 - Teaching Writing in the Elementary Grades (K-6)

Course Information

Teaching Area (new)
EL ED

Course Number
435

Teaching Area
EL ED

Course Title
Teaching Writing in the Elementary Grades (K-6)

Course Description
This course will help teacher candidates understand reading and writing development in children in grades K-6 and the implications and applications within an elementary classroom setting.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in EL ED 299R or El Ed 399R

Learning Outcomes

Title
Foundational Knowledge

Tags
212607, 0, 1, 2022-12-20 16:44:35

Learning Outcome
Teacher candidates will use foundational knowledge to design and implement instruction that develops a child's ability to write, spell, and use grammar effectively.

Title
Language Arts Instruction and the Writing Process

Tags
212608, 0, 2, 2022-12-20 16:44:35

Learning Outcome
Teacher candidates will plan and implement writing and language arts instruction and the writing process using whole class, small groups, and/or meeting with individual students, as needed.

Title
Developmental Trajectories

Tags
212609, 0, 3, 2022-12-20 16:44:35

Learning Outcome
Teacher candidates will attend to the developmental trajectories of students, including linguistic and cultural differences, to plan and implement writing and language arts instruction.

Title
Appropriate Assessment

Tags
212610, 0, 4, 2022-12-20 16:44:35

Learning Outcome
Teacher candidates will administer, score, and utilize a variety of assessments appropriate for use in screening, diagnostic, monitoring, and outcome writing and spelling assessment.

EL ED 440 - Grades 3-6 Practicum Seminar

Course Information

Teaching Area (new)
EL ED

Course Number
440

Teaching Area
EL ED

Course Title
Grades 3-6 Practicum Seminar

Course Description
Prepare for and reflect on the 3-6 practicum experience.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 332 - Practicum in Grades K-2

Other Prerequisites
concurrent with El Ed 442; FBI fingerprint and background clearance

Note
Sections are added by envelope with corresponding section of EL ED 442.

Learning Outcomes

Title
EI Ed 440 Course Outcome

Tags
178882, 1

Learning Outcome
Throughout this course, the students will:

discuss and make connections between the theoretical knowledge from foundational courses in the elementary education program to the experiences they will have during their 3-6 practicum.
self-evaluate their professional dispositions about teaching and learning.
be expected to identify and practice professional attitudes about teaching and learning.
identify contextual factors that impact teaching and learning.
identify best teaching strategies and practices, focusing on 3-6 classrooms.
increase planning skills.
revisit and update their classroom management plan.
identify and practice those foundational principles associated with the BYU/ Public School Partnership and the McKay School of Education, including the Utah Effective Teaching Standards and the Partnership Vision and Commitments.

EL ED 442 - Practicum in the Elementary Education 3-6 Classroom

Course Information

Teaching Area (new)
EL ED

Course Number
442

Teaching Area
EL ED

Course Title
Practicum in the Elementary Education 3-6 Classroom

Course Description
Applying knowledge from foundational and content courses to teaching in a 3-6 classroom. Observing, planning, teaching, assessing, and reflecting in a 3-6 public school setting.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EL ED 332 - Practicum in Grades K-2

Other Prerequisites
Concurrent enrollment in EI Ed 440

Note
Sections are added by envelope with corresponding section of El Ed 440.

Learning Outcomes

Title
El Ed 442 Course Outcomes

Tags
178883, 1

Learning Outcome
Throughout this practicum, all practice will be focused on children and classes in grades 3-6. Each El Ed 442 student will:

apply principles of effective classroom management and learning environments.
apply appropriate planning skills.
implement appropriate and effective pedagogy.
demonstrate high levels of professionalism.

EL ED 443 - Teaching Literacy in the Intermediate Grades (3-6)

Course Information

Teaching Area (new)
EL ED

Course Number
443

Teaching Area
EL ED

Course Title
Teaching Literacy in the Intermediate Grades (3-6)

Course Description
Information and skills needed to make informed decisions about literacy instruction and evaluation. Establishing an effective 3-6 grade classroom literacy environment.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- EL ED 333 - Teaching Literacy in the Primary Grades (K-2)

Other Prerequisites
Concurrent enrollment in El Ed 299R or El Ed 399R.

Learning Outcomes

Title
Professional Identity

Tags
179060, 1

Learning Outcome
Teacher candidates will engage in personal reflection to develop a professional identity and engage collaboratively with learners, families, colleagues, community members and demonstrate the highest ethical standards of the teaching profession. (See ILA Standard 6)

Title
Assessment

Tags
179061, 2

Learning Outcome
Teacher candidates will be able to administer, score, and interpret a variety of assessmeents appropriate for use in screening, diagnostic, monitoring, & outcome literacy assessments in intermediate grades. (ILA Standard 3)

Title
Literacy Environment

Tags
179062, 3

Learning Outcome
Teacher candidates will be able to identify and evaluate key aspects of an effective literacy environment in an intermediate classroom. (See ILA Standard 5)

Title
Instruction

Tags
179063, 4

Learning Outcome
Teacher candidates will be able to plan and implement intermediate grade literacy instruction for whole class, small groups, and indivdiual students (e.g., read aloud, shared reading, guided reading, independent reading, shared writing, independent writing). (See ILA Standard 2)

Title
Learner Development

Tags
179064, 5

Learning Outcome
Teacher candidate will plan and implement intermediate grade literacy instruction that is linked to student backgrounds across a variety of diverse characteristics. (See ILA Standard 4)

Title
Curriculum

Tags
179065, 6

Learning Outcome
Teacher candidates will use foundational knowledge to design and/or implement instruction that develops intermediate grades students' comprehension, fluency, vocabulary, writing, and content area literacy skills. (See ILA Standard 2)

EL ED 445 - Teaching Social Studies in Grades K-6

Course Information

Teaching Area (new)
EL ED

Course Number
445

Teaching Area
EL ED

Course Title
Teaching Social Studies in Grades K-6

Course Description
The methods, skills, and strategies for teaching social studies in grades K-6. Modeling democratic teaching practices and establishing democratic classrooms to prepare children to assume roles as participatory citizens in a democracy.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in El Ed 299R or El Ed 399R.

Learning Outcomes

Title
El Ed 445 Course Outcomes

Tags
178879, 1

Learning Outcome

Students will demonstrate their understanding of the history, purpose and current status of social studies in the classroom.
Students will identify and recognize democratic principles and practices in the social studies curriculum, in K-6 classrooms, and in society.
Students will demonstrate the ability to appropriately plan for teaching social studies.
Teacher candidates will experience and participate in various strategies appropriate for teaching K-6 social studies.

EL ED 446 - Teaching Science in Grades K-6

Course Information

Teaching Area (new)
EL ED

Course Number
446

Teaching Area
EL ED

Course Title
Teaching Science in Grades K-6

Course Description
Developing the pedagogical knowledge, skills, and dispositions necessary to teach science to elementary children of various ages, abilities, backgrounds, and exceptionalities.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in El Ed 299R or El Ed 399R.

Learning Outcomes

Title
El Ed 446 Course Outcomes

Tags
178880, 1

Learning Outcome

Teacher candidates will evaluate their personal dispositions, development, and growth toward becoming a teacher of science.
Teacher candidates will identify and describe purposes for teaching science in K-6 classrooms.
Teacher candidates will explain what science is and how children learn science, including the knowledge and reasoning skills students must acquire to become proficient in science.
Teacher candidates will recognize the practices, crosscutting concepts, and core ideas of science and engineering and how they influence science instruction in K-6 classrooms.
Teacher candidates will plan for science instruction for children of various ages, abilities, backgrounds, and exceptionalities, including how to (a) identify appropriate science content from national standards and state core curricula; (b) apply a variety of appropriate teaching methods and strategies to support science learning; (c) integrate science with other disciplines across the elementary curriculum; and (d) employ appropriate assessment methods and strategies.

EL ED 447 - Teaching Mathematics in Grades K-6

Course Information

Teaching Area (new)
EL ED

Course Number
447

Teaching Area
EL ED

Course Title
Teaching Mathematics in Grades K-6

Course Description
The teaching and learning of elementary school mathematics guided by current principles relating to mathematics content, social interaction, student thinking, and child development.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 305 - Basic Concepts of Mathematics
  AND MTHED 306 - Concepts of Mathematics

Other Prerequisites
Concurrent enrollment in El Ed 299R or El Ed 399R.

Learning Outcomes

Title
Design, implement, and evaluate inquiry-based lessons

Tags
212857, 0, 2

Learning Outcome
Design, implement, and evaluate inquiry-based lessons as structured by the Launch-Explore-Summarize (Discuss/Debrief) teaching and learning sequences.

Title
Create high levels of mathematical interaction

Tags
212859, 0, 4

Learning Outcome
Create high levels of mathematical interaction by planning for discussion, questioning, and establishing a supportive classroom environment.

Title
Adapt instruction

Tags
212860, 0, 5

Learning Outcome
Adapt instruction to address the diverse learning strengths and needs of both groups and individuals.

Title
Assess student learning

Tags
212861, 0, 6

Learning Outcome
Assess student learning, both formatively and summatively, using a range of appropriate strategies, and employ the results of assessment in guiding instruction.

Title
Practice professionalism

Tags
212862, 0, 7

Learning Outcome
Practice professionalism: In commitment to learning to teach, in appearance and demeanor, and in the quality of work submitted.

Title
Establish mathematics goals

Tags
212863, 0, 8

Learning Outcome
Establish mathematics goals that accommodate students' varied mathematical trajectories and align appropriately with state content and practice standards as well as informal and formal assessments of student thinking.

Title
Select and/or design worthwhile mathematical tasks

Tags
212856, 0, 1

Learning Outcome
Select and/or design worthwhile mathematical tasks according to the research-based learning trajectories that characterize learning in the five mathematical domains.

Title
Anticipate student mathematical thinking

Tags
212858, 0, 3

Learning Outcome
Anticipate student mathematical thinking (for planning lessons and/or units, orchestrating discourse, questions, etc.) according to the research-based learning trajectories that characterize learning in the five mathematical domains.

EL ED 493R - Independent Readings or Project

Course Information

Teaching Area (new)
EL ED

Course Number
493R

Teaching Area
EL ED

Course Title
Independent Readings or Project

Course Description
Students meet with the instructor to assemble an individualized reading program in Elementary Education and agree upon the topic and organization of the course.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Departmental approval

Learning Outcomes

Title
Professional Development

Tags
178757, 0

Learning Outcome
Students will explore and demonstrate knowledge in an area of specialization under the direction of a faculty member.

EL ED 496R - Academic Internship

Course Information

Teaching Area (new)
EL ED

Course Number
496R

Teaching Area
EL ED

Course Title
Academic Internship

Course Description
A full-year classroom teaching internship in the public schools.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
8

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 2.70, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
NOTE: See Education Student Services for application dates. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
El Ed 496R Course Outcomes

Tags
178884, 0, 1

Learning Outcome
Participating in the Public School Setting
The intern will:

reflect with the intent to improve practice.
establish and maintain an effective learning environment.
effectively manage children in all facets of a school setting.
be a full-time teacher for one school year.
apply knowledge from various content courses as they relate to teaching in an elementary classroom.
apply knowledge of various pedagogical methods for planning, teaching, and assessing and when they are most appropriate.
consistently engage collaboratively with colleagues and parents.
demonstrate high levels of professionalism during their internship.
create a Praxis Performance Assessment for Teachers (PPAT) that measures their skills in using contextual factors, planning, assessment, lesson design, interpretation of student performance, and reflection.

EL ED 589R - Foundations of Literacy

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Foundations of Literacy

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Foundations of Literacy

Tags
178913, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Classroom Management

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Classroom Management

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Classroom Management

Tags
178908, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Literacy Assessment and Intervention

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Literacy Assessment and Intervention

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Literacy Assessment

Tags
178914, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Effective Teaching

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Effective Teaching

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Effective Teaching

Tags
178910, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Content-Area Literacy

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Content-Area Literacy

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Content-Area Literacy

Tags
178916, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - K-6 Math Topics (TBA)

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
K-6 Math Topics (TBA)

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
K-6 Math Topics

Tags
178926, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Special Topics in Education

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Special Topics in Education

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Special Topics in Education

Tags
178906, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Comprehension Instruction

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Comprehension Instruction

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Comprehension Instruction

Tags
178918, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Technology Practicum

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Technology Practicum

Course Description
Supervised experiences in designing, planning, and implementing effective instruction utilizing a variety of technology resources in school settings.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Recommended
Enrolled in EL ED 589R: Designers of Learning for Tomorrow's World endorsement course.

EL ED 589R - Arts Education

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Arts Education

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

EL ED 589R - Writing Instruction

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Writing Instruction

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Writing Instruction

Tags
178909, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Utah Math Core Curriculum

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Utah Math Core Curriculum

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Utah Math Core Curriculum

Tags
178922, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - K-6 Algebra and Geometry

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
K-6 Algebra and Geometry

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
K-6 Algebra and Geometry

Tags
178925, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Children's Literature

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Children's Literature

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Children's Literature

Tags
178907, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Supervision of Literacy Programs

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Supervision of Literacy Programs

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Supervision of Literacy Program

Tags
178919, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - K-6 Rational Number

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
K-6 Rational Number

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
K-6 Rational Number

Tags
178924, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Math Pedagogy for Elementary

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Math Pedagogy for Elementary

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Math Pedagogy for Elementary

Tags
178929, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Analysis of Teaching and Learning

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Analysis of Teaching and Learning

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Analysis of Teaching and Learning

Tags
178923, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Perspectives on Elementary Learner

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Perspectives on Elementary Learner

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Perspectives on the Elementary Learner

Tags
178928, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Literature for Young People

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Literature for Young People

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Literature for Young People

Tags
178915, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Techniques for Elementary Math

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Techniques for Elementary Math

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Techniques for Elementary Math

Tags
178927, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Mathematics

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Mathematics

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Mathematics

Tags
178911, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Literacy Specialist Practicum

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Literacy Specialist Practicum

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Literacy Specialist Practicum

Tags
178920, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Literacy Development and Instruction

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Literacy Development and Instruction

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Literacy Development and Instruction

Tags
178917, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

EL ED 589R - Organization and Administration of Reading Programs

Course Information

Teaching Area (new)
EL ED

Course Number
589R

Teaching Area
EL ED

Course Title
Organization and Administration of Reading Programs

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
Does not count toward a graduate degree without prior approval.

Learning Outcomes

Title
Org and Admin of Reading Programs

Tags
178921, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

ELING 150 - First-Year Writing for International Students

Course Information

Teaching Area (new)
ELING

Course Number
150

Teaching Area
ELING

Course Title
First-Year Writing for International Students

Course Description
Processes of academic writing, reading, and research for international students who have English as their second language.

Department
Linguistics

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
NOTE: For non-native English speakers only. NOTE: Fulfills GE First-Year Writing requirement.

Learning Outcomes

Title
Rhetorical Knowledge

Learning Outcome
Students should demonstrate that they can focus on a well-defined purpose in writing, write clearly for a specified audience, use conventions of format and structure appropriate to the rhetorical situation, and adopt a voice, tone, and level of formality suited to the purpose and audience. They may also learn about and practice the following: responding to the needs of different audiences; responding appropriately to different kinds of rhetorical situations; writing in several genres; and exploring the ways different genres shape writing and reading.

Title
Processes of Writing

Learning Outcome
Students should develop productive and flexible individual and collaborative writing processes, including prewriting, drafting, revising, editing and proofreading. These processes could include the following: collecting data, finding supporting evidence, and creating good arguments; organizing the material for a paper; writing successive drafts of the same paper; group writing; seeking and using peer responses; revising; editing grammar, usage, and punctuation; and using conventional formats.

Title
Critical Reading

Learning Outcome
Students should be able to read and evaluate written materials from a variety of genres. They should demonstrate their ability to read critically, which would include some of the following: analyzing and evaluating arguments; identifying authors' claims and main ideas; identifying supporting evidence; identifying premises and unstated assumptions; evaluating logic and logical fallacies; drawing inferences; synthesizing ideas; identifying and evaluating analogies and figurative language; and distinguishing among emotional, ethical, and rational appeals

Title
Processes of Library Research

Learning Outcome
Students should demonstrate that they can locate and evaluate print and electronic sources and use these sources to write a documented research paper.

Title
Knowledge of Conventions

Learning Outcome
Students should demonstrate their knowledge of the following: common formats for different kinds of texts; genre conventions ranging from purpose and structure to tone and mechanics; methods of documenting borrowed information; and conventions of edited syntax, grammar, punctuation, and spelling.

ELING 223 - Introduction to the English Language

Course Information

Teaching Area (new)
ELING

Course Number
223

Teaching Area
ELING

Course Title
Introduction to the English Language

Course Description
Overview of English from linguistic point of view, emphasizing structure of English and social, biological, and psychological aspects of language.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Acquiring Basic Analytical Tools

Learning Outcome
Students will have acquired basic analytical tools in core areas of linguistics: phonology, morphology, syntax, semantics, and pragmatics.

Title
Applying Analytical Tools

Learning Outcome
Students will be able to apply these analytical tools to English language data of various types, such as those involving aspects of variation, acquisition, and historical change.

ELING 273 - Introduction to English Linguistic Research Methods

Course Information

Teaching Area (new)
ELING

Course Number
273

Teaching Area
ELING

Course Title
Introduction to English Linguistic Research Methods

Course Description
The use of large collections of texts for teaching and particularly for research, including the study of many different types of linguistic variation.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ELING 223 or concurrent enrollment.

Learning Outcomes

Title
Understanding and Applying Research

Learning Outcome
Students will be able to distinguish empirical from introspective-based research and apply both (either separately or in conjunction with each other) for research topics.

Title
Recognizing and Applying Statistical Measures

Learning Outcome
Students will be able to recognize and begin to apply statistical measures.

Title
Authentic Linguistic Data

Learning Outcome
Students will acquire authentic linguistic data from native speakers through appropriately selected computer corpora (collections of texts) as well as through other methods such as interviews, surveys, recordings, etc., and effectively extract the relevant data

Title
Organizing, Testing, Reporting

Learning Outcome
Students will be able to organize linguistic data, construct and test hypotheses about it, and report the findings.

Title
Researching with Library and Online Sources

Learning Outcome
Students will be able to carry out library and online research to investigate findings by other linguists.

ELING 310R - Writing Tutorial for Multilingual Students

Course Information

Teaching Area (new)
ELING

Course Number
310R

Teaching Area
ELING

Course Title
Writing Tutorial for Multilingual Students

Course Description
L2 and other multilingual writers will be paired with a trained Writing Center undergraduate peer tutor who will meet with them weekly throughout the semester, supporting them in their writing goals, helping them refine their writing processes, and providing them with feedback and focused collaborative experiences related to their writing.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

ELING 322 - Prescriptivism and English Usage: Language ‘Rules’ and When to Break Them

Course Information

Teaching Area (new)
ELING

Course Number
322

Teaching Area
ELING

Course Title
Prescriptivism and English Usage: Language ‘Rules’ and When to Break Them

Course Description
Current conventions and effective use of American English.

Department
Linguistics

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding variation

Tags
214769, 0, 4

Learning Outcome
Students will be able to cast usage rules in terms of language variation.

Title
Using research tools

Tags
214772, 0, 5

Learning Outcome
Use research tools to critically assess usage rules

ELING 324 - History of the English Language

Course Information

Teaching Area (new)
ELING

Course Number
324

Teaching Area
ELING

Course Title
History of the English Language

Course Description
Basic changes from Old English to modern English, including modern American dialects.

Department
Linguistics

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ELING 223 or LING 201, or concurrent enrollment.

Learning Outcomes

Title
Tracing Linguistic Changes

Learning Outcome
Students will be able to trace the general phonemic, morphological, syntactic, and semantic changes of English in relation to the major periods of Old English, Middle English, Early Modern English, and Present-Day English.

Title
Linguistic Tools and Resources

Learning Outcome
Students will be able to identify some of the appropriate linguistic tools and resources that are available to answer specific questions about the history and development of the English language.

Title
Social, Political, and Linguistic Influence on English

Learning Outcome
Students will be able to explain the important social and political factors as well as linguistic processes that have influenced the development of the English language and some of its varieties, including the current standard variety.

Title
Authentic Historical Texts

Learning Outcome
Students will be able to apply course concepts and information to the assessment and interpretation of authentic historical texts.

ELING 325 - The Grammar of English

Course Information

Teaching Area (new)
ELING

Course Number
325

Teaching Area
ELING

Course Title
The Grammar of English

Course Description
Structure of English grammar in various applications.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
ELing 223 or Ling 201 or concurrent enrollment.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Analyze and Describe Grammatical Structures

Learning Outcome
Students will be able to analyze and describe grammatical structures in English at the word, phrase, clause, and sentence levels.

Title
Identify and Label Syntactic Categories

Learning Outcome
Students will be able to identify and label parts of speech and functional categories in English sentences.

Title
Applying Knowledge to Analyze Texts

Learning Outcome
Students will be able to apply the knowledge from the previous outcomes towards the analysis of authentic texts.

ELING 326 - English Semantics and Pragmatics

Course Information

Teaching Area (new)
ELING

Course Number
326

Teaching Area
ELING

Course Title
English Semantics and Pragmatics

Course Description
Structure of meaning in words, phrases, and discourse. Lexical semantics and the mental lexicon; phrase-level meaning; interaction of situation and meaning.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Semantic and Pragmatic Concepts

Learning Outcome
Students will be able to identify and discuss basic semantic and pragmatic concepts such as sense, reference, deixis, perlocution, illocution, entailment, implicature, metaphor, Gricean Maxims, etc.

Title
Analyzing Spoken and Written Texts

Learning Outcome
Students will be able to apply the above concepts towards the analysis of spoken and written texts, demonstrating their knowledge and understanding in a written paper.

ELING 327 - Applied Phonetics

Course Information

Teaching Area (new)
ELING

Course Number
327

Teaching Area
ELING

Course Title
Applied Phonetics

Course Description
Basic phonetic principles, a survey of how those principles can be used in variety of disciplines and careers related to linguistics, and how those principles can be applied to address practical problems generally.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisite

Complete ANY of the following Courses:

- ELING 223 - Introduction to the English Language
  OR LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Phonetic Classification

Learning Outcome
Students will understand the theoretical principles underlying the classification and description of English speech sounds and prosodic patterns of English.

Title
Transcription Systems

Learning Outcome
Students will be able to use standard transcription systems to represent English speech sounds and discuss some of the limitations of those systems.

Title
Phonological Description and Analysis

Learning Outcome
Students will be able to describe and analyze major features of the segmental and prosodic phonology of English.

Title
Speech Sounds and Prosodic Patterns

Learning Outcome
Students will be able to apply their knowledge of the phonetics and phonology of English to the description and analysis of novel data, including non-standard varieties of English.

ELING 350 - Basic Editing Skills

Course Information

Teaching Area (new)
ELING

Course Number
350

Teaching Area
ELING

Course Title
Basic Editing Skills

Course Description
Editing theory and practice, emphasizing copyediting and basic line editing.

Department
Linguistics

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language
  AND ELING 322 - Prescriptivism and English Usage: Language 'Rules' and When to Break Them
  AND ELING 325 - The Grammar of English

OR

Prerequisites

Complete ALL of the following Courses:

- ELING 322 - Prescriptivism and English Usage: Language 'Rules' and When to Break Them
  AND ELING 325 - The Grammar of English
  AND LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Copyediting Skills

Learning Outcome
Students demonstrate copyediting skills by using these skills to improve sample manuscripts in such areas as punctuation, spelling, grammar, usage, and sentence clarity.

Title
Style and Usage Requirements

Learning Outcome
Students apply style and usage requirements with flexibility, customized to specific contexts and circumstances.

Title
Empirical Methods

Learning Outcome
Students employ empirical methods to investigate patterns of style and usage and make editorial decisions.

ELING 351R - Editing Student Journals

Course Information

Teaching Area (new)
ELING

Course Number
351R

Teaching Area
ELING

Course Title
Editing Student Journals

Course Description
Hands-on training and experience in all aspects of editing and publishing student journals.

Department
Linguistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
0

Learning Outcomes

Title
ELING 351R Course Purpose

Learning Outcome
To gain real-world experience as an editor and writer by helping create publishable content on a university journal.

Title
Practical Experience

Learning Outcome
Students acquire practical experience in one or more phases of the production of a BYU student journal: manuscript solicitation, evaluation, development, copy editing, layout, production, and promotion.

Title
Seeking out Opportunities to Apply Principles

Learning Outcome
Students seek out opportunities to apply principles learned in editing classes to improve communication in live settings.

Title
Articulating what They have Learned

Learning Outcome
Students articulate what they have learned about communication or publication processes in live settings that have enhanced their course learning.

ELING 361 - Language politics: Policy and Planning

Course Information

Course Number
361

Teaching Area
ELING

Course Title
Language politics: Policy and Planning

Course Description
This class will look at language planning and policy and the political, social, and other factors that influence attempts to influence, change, or suppress the linguistic makeup of a community.

Department
Linguistics

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ELING 223 or LING 201 recommended prereq.

Learning Outcomes

Title
Representative Texts & Practices

Learning Outcome
Students will be able to understand, interpret, explain, analyze, and assess representative texts and practices in language planning and policy development.

Title
Language Planning Theories and Practices

Learning Outcome
Students will be able to apply fundamental language planning theories and practices toward solving real-world language macro and micro planning problems.

Title
Communication about Language Policy and Planning

Learning Outcome
Students will be able to explain language planning and policy problems and propose potential solutions to relevant audiences.

ELING 362 - Discourse Analysis

Course Information

Teaching Area (new)
ELING

Course Number
362

Teaching Area
ELING

Course Title
Discourse Analysis

Course Description
Linguistic analysis of connected speech or written discourse, especially larger linguistic units above the clause level, such as conversational exchanges or written texts.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Conversational and Written Academic Discourse

Learning Outcome
Students will be able to demonstrate knowledge of the ways that discourse is structured in a variety of genres and registers, including spoken conversational discourse and written academic discourse.

Title
Identify and Evaluate Sources

Learning Outcome
Students will be able to identify and critically evaluate sources relevant to issues concerning discourse analysis.

Title
Analysis of Authentic English Discourse

Learning Outcome
Students will collect authentic English discourse and be able to evaluate and appropriately apply various methods and approaches to the analysis of that data and effectively communicate their findings.

ELING 366 - Social Media/Marketing Analysis

Course Information

Teaching Area (new)
LING

Course Number
366

Teaching Area
ELING

Course Title
Social Media/Marketing Analysis

Course Description
Analysis, editing, and creation of social text, with an emphasis on social media strategies and linguistic analysis.

Department
Linguistics

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- ELING 223 - Introduction to the English Language
  AND ELING 325 - The Grammar of English

OR

Complete ALL of the following Courses:
- LING 201 - Introduction to Linguistics (Modern)
  AND LING 220 - Structure in Language

Learning Outcomes

Title
Social Media Analysis Tools

Learning Outcome
Students will understand and implement methods for analyzing social media text.

Title
Social Media Analysis Tools

Learning Outcome
Students will understand and implement methods for analyzing social media text.

Title
Strategic Content Creation

Learning Outcome
Students will understand how to strategically create, edit, and manage social text.

ELING 375 - TESOL Listening, Speaking, and Pronunciation

Course Information

Teaching Area (new)
ELING

Course Number
375

Teaching Area
ELING

Course Title
TESOL Listening, Speaking, and Pronunciation

Course Description
Understanding basic English as a second/foreign language theories and practices for teaching and assessing listening, speaking, and pronunciation.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Historical Methods and Techniques

Learning Outcome
Analyze historical methods and techniques in English as a second/foreign language for teaching and assessing listening, speaking, and pronunciation.

Title
Analyze and Adapt Textbook Materials

Learning Outcome
Analyze and adapt textbook materials designed to promote accuracy and fluency in listening, speaking, and pronunciation.

Title
Observe and Analyze Second Language Instruction

Learning Outcome
Observe and analyze second language accuracy and fluency instruction in relation to concepts discussed in class.

Title
Assessing Listening, Speaking, and Pronunciation

Learning Outcome
Identify the roles that langauge acquisition, learner variables, and language learning strategies play in teaching and assessing listening, speaking, and pronunciation.

Title
Evaluate Technology

Learning Outcome
Evaluate technology aimed at promoting listening, speaking, and pronunciation.

ELING 376 - TESOL Reading, Writing, and Vocabulary

Course Information

Teaching Area (new)
ELING

Course Number
376

Teaching Area
ELING

Course Title
TESOL Reading, Writing, and Vocabulary

Course Description
Understanding basic processes of literacy development in English as a second or foreign langauge. How knowledge of these processes informs classroom literacy instruction and practices.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Analyze Basic Theories

Learning Outcome
Analyze basic theories of second/foreign language literacy and vocabulary acquisition and assessment.

Title
Apply Basic Theories

Learning Outcome
Apply basic theories to actual classroom literacy and vocabulary instruction.

Title
Observe and Analyze L2 Literacy Instruction

Learning Outcome
Observe and analyze L2 literacy instruction in relation to concepts discussed in class.

Title
Identify and Critique Online Resources

Learning Outcome
Identify and critique online resources aimed at literacy and vocabulary development.

ELING 399R - Academic Internship: Editing and English Language

Course Information

Teaching Area (new)
ELING

Course Number
399R

Teaching Area
ELING

Course Title
Academic Internship: Editing and English Language

Course Description
On-the-job experience and education related to editing and English language studies.

Department
Linguistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

ELING 410R - Genre and Substantive Editing

Course Information

Teaching Area (new)
ELING

Course Number
410R

Teaching Area
ELING

Course Title
Genre and Substantive Editing

Course Description
Exploring a different genre of publishing each semester; instruction in substantive editing.

Department
Linguistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language
  AND ELING 322 - Prescriptivism and English Usage: Language 'Rules' and When to Break Them
  AND ELING 325 - The Grammar of English

OR

Prerequisites

Complete ALL of the following Courses:

- ELING 322 - Prescriptivism and English Usage: Language 'Rules' and When to Break Them
  AND ELING 325 - The Grammar of English
  AND LING 201 - Introduction to Linguistics (Modern)

Note
Course is for Editing majors and minors only

ELING 415 - Business of Editing and Publishing

Course Information

Teaching Area (new)
ELING

Course Number
415

Teaching Area
ELING

Course Title
Business of Editing and Publishing

Course Description
The purpose of this course is to better prepare you for the business side of editing and publishing careers. You'll develop skills that are complementary to editing, such as in using advanced features of software programs, marketing publications, calculating financial information, managing projects, and increasing productivity.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 350 - Basic Editing Skills

Recommended
ELang 350

ELING 421R - Studies in Language or Editing

Course Information

Teaching Area (new)
ELING

Course Number
421R

Teaching Area
ELING

Course Title
Studies in Language or Editing

Course Description
Studies in specialized topics about the English language or editing. Topics vary.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lab Hours

Fixed:
0

ELING 430R - Editing for Publication

Course Information

Teaching Area (new)
ELING

Course Number
430R

Teaching Area
ELING

Course Title
Editing for Publication

Course Description
Refining copy editing and substantive editing skills through hands-on work with actual publications; one-on-one feedback and mentoring.

Department
Linguistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DIGHT 230 - Introduction to Print Publishing
  AND ELING 350 - Basic Editing Skills
  AND ELING 410R - Genre and Substantive Editing

ELING 447 - Early Modern English

Course Information

Teaching Area (new)
ELING

Course Number
447

Teaching Area
ELING

Course Title
Early Modern English

Course Description
English language from 1500-1700.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language
  AND ELING 324 - History of the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- ELING 324 - History of the English Language
  AND LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Identify Characteristics

Learning Outcome
Students will be able to identify the phonological, morphological, syntactic, lexical, pragmatic, and orthographic characteristics of Early Modern English and how those characteristics are distinguished from Present Day English.

Title
Identify Factors in Development

Learning Outcome
Students will be able to identify important historical, social, and linguistic factors that influenced the development of the language during the Early Modern Period, including the development of modern prescriptive norms.

Title
Apply Understanding to Contemporary Texts

Learning Outcome
Students will be able to apply their understanding of Early Modern English to the interpretation of contemporary texts, including passages from the works of Shakespeare and the King James translation of the Bible.

ELING 448 - Late Modern English

Course Information

Teaching Area (new)
ELING

Course Number
448

Teaching Area
ELING

Course Title
Late Modern English

Course Description
The English language from 1700-1900, emphasizing diachronic changes.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language
  AND ELING 324 - History of the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- ELING 324 - History of the English Language
  AND LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Identify Characteristics

Learning Outcome
Students will be able to identify the phonological, morphological, syntactic, lexical, pragmatic, and orthographic characteristics of Late Modern English and how those characteristics are distinguished from Present Day English.

Title
Identify Factors Influencing Development

Learning Outcome
Students will be able to identify important historical, social, and linguistic factors that influenced the development of the language during the Late Modern Period, including the development of modern prescriptive norms.

Title
Identify Instances of Language Change

Learning Outcome
Students will be able to identify processes and instances of language change during the Late Modern English period.

Title
Apply Understanding to Contemporary Texts

Learning Outcome
Students will be able to apply their understanding of Late Modern English to the interpretation of contemporary texts.

ELING 468 - Introduction to Varieties of English

Course Information

Teaching Area (new)
ELING

Course Number
468

Teaching Area
ELING

Course Title
Introduction to Varieties of English

Course Description
Regional and social variation in English, including world Englishes and English-based pidgins and creoles.

Department
Linguistics

When Taught
Fall; Winter, Spring Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Properties of varieties of English

Tags
191259, 0, 1

Learning Outcome
Students will learn the basic properties of several varieties of English and be able to describe them using linguistic terminology.

Title
History and Social Context

Tags
198225, 0, 2

Learning Outcome
Students will be able to describe the social and historical contexts of different varieties and the general principles that lead to language differentiation.

Title
Data Collection and Analysis

Tags
191260, 0, 3

Learning Outcome
Students will learn to collect and analyze data using several methods.

Title
Applications

Tags
191261, 0, 4

Learning Outcome
Students will be able to apply their knowledge of language variation to a social context or a setting outside of academia.

ELING 477 - TESOL Basic Course and Lesson Planning

Course Information

Teaching Area (new)
ELING

Course Number
477

Teaching Area
ELING

Course Title
TESOL Basic Course and Lesson Planning

Course Description
Design English as a second or foreign language course and lesson plans on principles and knowledge of learning outcomes, assessment plans, methods, materials, classroom management, and learning activities; access and use professional resources.

Department
Linguistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- ELING 325 - The Grammar of English
  AND ELING 375 - TESOL Listening, Speaking, and Pronunciation
  AND ELING 376 - TESOL Reading, Writing, and Vocabulary

Learning Outcomes

Title
Designing an ESL Course

Learning Outcome
Based on a needs assessment, students will be able to design an ESL course that includes learning outcomes, an assessment plan, a description of what will be taught, how it will be taught (including the roles for teacher and students), and major learning activities.

Title
Develop a Instructional Unit

Learning Outcome
Students will be able to develop an instructional unit using materials from a textbook that includes learning objectives, a unit plan, and sample lesson plans.

Title
Become More Professional in TESOL

Learning Outcome
Students will become more professional in TESOL by accessing and using resources including international, national, and local organizations; journals and online resources; job listings; and information about further educational opportunities.

ELING 478 - TESOL Practicum

Course Information

Teaching Area (new)
ELING

Course Number
478

Teaching Area
ELING

Course Title
TESOL Practicum

Course Description
Synthesize and apply the foundational knowledge of the English language systems and competencies in teaching English as a second or foreign language.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 325 - The Grammar of English
  AND ELING 375 - TESOL Listening, Speaking, and Pronunciation
  AND ELING 376 - TESOL Reading, Writing, and Vocabulary

Other Prerequisites
ELING 223; and ELING 477 or concurrent enrollment.

Learning Outcomes

Title
Practical Application of Knowledge and Skills

Learning Outcome
Students will put the knowledge and skills learned in the TESOL minor classes into use during the practicum at the English Language Center by: - Observing experienced teachers in the classroom or on video -Teaching extensively with a mentor/lead teacher -Creating/grading assessments (formative or summative) - Tutoring students in their class - Completing a portfolio of work completed during the practicum

ELING 482 - Forensic and legal linguistics

Course Information

Course Number
482

Teaching Area
ELING

Course Title
Forensic and legal linguistics

Course Description
Course introduces forensic and legal linguistics. Primary goals are: understand the intersection between language and the law, learn research conducted in the field, conduct and write up analyses.

Department
Linguistics

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite to ELING 482

Complete at least 1 of the following courses:

- ELING 223 - Introduction to the English Language
- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Understanding the interaction between law and linguistics

Learning Outcome
Students will be able to explain the relationships between the fields of law and linguistics and how linguistics can be used to address legal issues.

Title
Disciplinary problems and solutions

Learning Outcome
Students will be able to articulate a variety of forensic/legal linguistic theoretical, methodological, and practical problems as well as potential solutions.

Title
Legal/forensic linguistic analysis

Learning Outcome
Students will be able to independently conduct a variety of forensic/legal linguistic analyses to a high degree of methodological rigor.

Title
Communication in the subdiscipline

Learning Outcome
Students will be able to communicate to appropriate audiences the results of analyses that they conduct through reports, presentations, and articles.

ELING 495R - The Senior Course

Course Information

Teaching Area (new)
ELING

Course Number
495R

Teaching Area
ELING

Course Title
The Senior Course

Course Description
In-depth study of a limited area of English language. Content varies; requires research and writing.

Department
Linguistics

When Taught
Fall; Winter; Spring; Summer Contact Department.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- LING 198 - Career Explorations in Linguistics
  AND ELING 325 - The Grammar of English
  AND ELING 273 - Introduction to English Linguistic Research Methods

Other Prerequisites
Senior status; Editing and Publishing major status.

ELING 496R - TESOL Internship

Course Information

Teaching Area (new)
ELING

Course Number
496R

Teaching Area
ELING

Course Title
TESOL Internship

Course Description
Individualized work or volunteer experience in a domestic or international setting.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 477 - TESOL Basic Course and Lesson Planning
  AND ELING 478 - TESOL Practicum

Note
International internships must be coordinated through International Study Programs. All internships require prior departmental approval.

ELING 521R - Studies in Language

Course Information

Teaching Area (new)
ELING

Course Number
521R

Teaching Area
ELING

Course Title
Studies in Language

Course Description
Topics vary.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Other Prerequisites
or equivalent.

ELING 522 - Language Policy and Planning in English Language Contexts

Course Information

Teaching Area (new)
ELING

Course Number
522

Teaching Area
ELING

Course Title
Language Policy and Planning in English Language Contexts

Course Description
Theories and practices of governing entities as they formulate policies relating to the status and codification of the English language.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:
- LING 201 - Introduction to Linguistics (Modern)

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Language Planning Theories and Practices

Learning Outcome
Students will be able to apply fundamental language planning theories and practices toward solving real-world English language macro and micro planning problems.

Title
Representative Texts and Practices

Learning Outcome
Students will be able to understand, interpret, explain, analyze, and assess representative texts and practices in English language planning and policy development.

Title
Research

Learning Outcome
Students will be able to conduct research using appropriate language planning and policy theory and practice models in English language contexts.

ELING 524 - History of the Book

Course Information

Teaching Area (new)
ELING

Course Number
524

Teaching Area
ELING

Course Title
History of the Book

Course Description
History and development of the book, including modern methods and practices.

Department
Linguistics

When Taught
Fall; Winter Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Describing the History of the Book

Learning Outcome
Students will be able to describe the history of the book and the reasons it has developed the way it has.

Title
Book Construction and Production

Learning Outcome
Students will discuss the development of scripts and fonts and evaluate why they have changed over time and apply this understanding to effectively choose modern digital fonts.

Title
Scripts and Fonts

Learning Outcome
Students will be able to describe the development of scripts and fonts and the reasons they have changed over time.

Title
Connecting the Book and Religion

Learning Outcome
Students will be spiritually strengthened by understanding the connection of the book to religion, including its role in the Renaissance, the Reformation, and the Restoration of the Gospel of Jesus Christ.

Title
Connect History with the Present

Learning Outcome
Students will connect the history of the book to current issues, opportunities, and careers in publishing.

ELING 525 - Old English 1.

Course Information

Teaching Area (new)
ELING

Course Number
525

Teaching Area
ELING

Course Title
Old English 1.

Course Description
Old English grammar and vocabulary; traditional syntactical patterns in various types of Old English prose and poetry.

Department
Linguistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 324 - History of the English Language

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Grammar and Structure

Learning Outcome
Students will have learned the basic grammatical and syntactic structures of Old English.

Title
Old English Texts

Learning Outcome
Students will be able to read Old English texts with the aid of a glossary and grammar and know how to contextualize the content of the texts with Anglo-Saxon culture.

Title
Differences between Old English and Present-day English

Learning Outcome
Students will be able to describe the differences between Old English and Present-day English and note the changes that occurred between the two stages of English.

Title
Major Dialects and Genres of Old English Writings

Learning Outcome
Students will be able to describe the major dialects and genres of Old English writings.

ELING 526 - Middle English

Course Information

Teaching Area (new)
ELING

Course Number
526

Teaching Area
ELING

Course Title
Middle English

Course Description
Detailed study of the principal dialects of Middle English, as illustrated in the literature of the period.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 324 - History of the English Language

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Middle English Differences

Learning Outcome
Students will be able to identify some of the most important ways that Middle English differs from Present-day English and Old English and tell how the language is in the process of changing in Middle English.

Title
Reading Middle English Texts

Learning Outcome
Students will be able to read a Middle English text, with a little help from a glossary or dictionary.

Title
Major Dialect Differences in Middle English

Learning Outcome
Students will be able to identify the major dialect differences in Middle English.

Title
Language Contact and Sociolinguistics in Middle English

Learning Outcome
Students will be able to explain concepts of language contact and sociolinguistics as exemplified by Middle English.

ELING 529 - Structure of Modern English

Course Information

Teaching Area (new)
ELING

Course Number
529

Teaching Area
ELING

Course Title
Structure of Modern English

Course Description
A thorough consideration of the syntactic structures and patterns of Modern English, with some attention given to possible applications.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 325 - The Grammar of English

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Lexical and Structural Classes

Learning Outcome
Students will be able to identify the various characteristics, features, and behaviors of the lexical and structural classes, as well as the larger phrase, clause, and sentence types within the English language.

Title
Reference Works and Resources

Learning Outcome
Students will be able to identify some of the important reference works and resources that are available to answer questions about English grammatical structure and how they might appropriately be applied.

Title
Grammatical Knowledge

Learning Outcome
Students will be able to demonstrate how grammatical knowledge can be consciously applied in a variety of analytical and applied language tasks.

ELING 535 - Language and Literature

Course Information

Teaching Area (new)
ELING

Course Number
535

Teaching Area
ELING

Course Title
Language and Literature

Course Description
Literature from a language perspective; applying linguistic constructs to literary language; examining literary style; linguistic analysis of unfamiliar texts.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ELING 223 - Introduction to the English Language

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Philological Principles

Learning Outcome
Students will have become acquainted with important philological principles.

Title
Literary Text Analysis: Poetic Formulas

Learning Outcome
Students will be able to analyze literary texts using poetic formulas, including simple and complex figures.

Title
Literary Text Analysis: Philological Criticism

Learning Outcome
Students will be able to analyze literary texts using philological criticism, including contextual relations.

Title
Online Corpora and Literary Text Analysis

Learning Outcome
Students will understand how an online corpus might be used effectively to analyze literary texts.

Title
Creating Literary Texts

Learning Outcome
Students will be able to create literary texts using language features identified within the course.

ELING 547 - Seminar in Early Modern English

Course Information

Teaching Area (new)
ELING

Course Number
547

Teaching Area
ELING

Course Title
Seminar in Early Modern English

Course Description
Seminar in a specific topic about the English language from 1500 to 1800. Emphasis on contributing to the research about this period.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 447 - Early Modern English

Learning Outcomes

Title
Early Modern English Differences

Learning Outcome
Students will be able to identify the phonological, morphological, syntactic, lexical, pragmatic, and orthographic characteristics of Early Modern English and how those characteristics are distinguished from Present Day English.

Title
Language Development

Learning Outcome
Students will be able to identify important historical, social, and linguistic factors that influenced the development of the language during the Early Modern Period, including the development of modern prescriptive norms.

Title
Interpretation of Contemporary Texts

Learning Outcome
Students will be able to apply their understanding of Early Modern English to the interpretation of contemporary texts, including passages from the works of Shakespeare and the King James translation of the Bible.

ELING 548 - Old English 2

Course Information

Teaching Area (new)
ELING

Course Number
548

Teaching Area
ELING

Course Title
Old English 2

Course Description
Additional reading in Old English, emphasizing sound changes, dialects, and textual production.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 525 - Old English 1.

Learning Outcomes

Title
Old English Language Fluency

Learning Outcome
By the end of the course students will have achieved a greater fluency within the Old English language.

Title
Old English Heroic Verse

Learning Outcome
Students will be able to identify the features in Beowulf that exemplify the conventions of Old English heroic verse and the larger cultural context of the heroic society.

Title
Beowulf Translation

Learning Outcome
Students will have translated the entire epic poem, Beowulf.

Title
Contrasting Old English Lexical Uses

Learning Outcome
Students will be able to provide examples of contrasting Old English lexical uses, including ones involving metaphor and synonymy among words within the poem as well as differences between the lexical forms in the poem and other Old English texts.

ELING 568 - Varieties of English

Course Information

Teaching Area (new)
ELING

Course Number
568

Teaching Area
ELING

Course Title
Varieties of English

Course Description
Research and theory of issues regarding regional and social variation in English, including world Englishes and English-based pidgins and creoles

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ELING 468 - Introduction to Varieties of English

Learning Outcomes

Title
knowledge

Learning Outcome
Students will deepen their understanding of varieties of English.

EMBA 502 - Managerial Accounting 1

Course Information

Teaching Area (new)
EMBA

Course Number
502

Teaching Area
EMBA

Course Title
Managerial Accounting 1

Course Description
Objectives and procedures of cost accounting. Topics include job costing, joint product costing, cost behavior analysis, standard costs, cost allocation problems, and cost data use in management.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

EMBA 504 - Corporate Financial Reporting

Course Information

Teaching Area (new)
EMBA

Course Number
504

Teaching Area
EMBA

Course Title
Corporate Financial Reporting

Course Description
Analyzing financial accounting and reporting issues used by prospective managers.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Forecast

Tags
206985, 2

Learning Outcome
Forecast financial statements.

Title
Analyze

Tags
206986, 3

Learning Outcome
Use ratio analysis to analyze financial statements and Compute and analyze a firm's operating cycle.

Title
Employ

Tags
206987, 4

Learning Outcome
Employ the time value of money in a financial accounting context.

Title
Construct

Tags
206988, 1

Learning Outcome
Construct and interpret both a balance sheet, income statement and statement of cash flows. Also construct and use simple Excel spreadsheets in a financial accounting setting.

Title
Time Management

Tags
206990, 6

Learning Outcome
Independently manage time and workload for a variety of tasks.

Title
Discuss

Tags
206991, 5

Learning Outcome
Construct and interpret both a balance sheet, income statement and statement of cash flows. Also construct and use simple Excel spreadsheets in a financial accounting setting. Also, intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

EMBA 506 - Entrepreneurial Innovation

Course Information

Teaching Area (new)
EMBA

Course Number
506

Teaching Area
EMBA

Course Title
Entrepreneurial Innovation

Course Description
Create new value through innovation. Student teams will find a customer problem and solve it through innovation with an emphasis on validation through testing.

When Taught
Fall

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Business Models

Tags
176809, 1

Learning Outcome
Discover and prove winning business models

Title
Creating Value

Tags
176863, 0

Learning Outcome
Discover opportunities for creating value through new ventures

EMBA 508 - Leadership: Identifying and Developing Convictions, Strengths, and Key Competencies

Course Information

Teaching Area (new)
EMBA

Course Number
508

Teaching Area
EMBA

Course Title
Leadership: Identifying and Developing Convictions, Strengths, and Key Competencies

Course Description
Exploring current topics and issues in leadership and management. Identifying convictions and strengths necessary for effective leadership in contemporary business settings. Creating a plan for developing key competencies.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify Your Signature Strengths and Competencies

Tags
176995, 4

Learning Outcome
Identify and describe your signature strengths and competencies and make them the focus of professional development efforts.

Title
Craft Your Own Story

Tags
176996, 2

Learning Outcome
Articulate a coherent and compelling story of your professional journey

Title
Analyze Your Organization's Culture

Tags
176997, 0

Learning Outcome
Analyze and assess the culture of your organization for the purpose of leading or influencing cultural change.

Title
Share Effective Messages with Your Organization

Tags
176998, 3

Learning Outcome
Introduce and manage organizational messages so that they positively influence people's perceptions and behavior.

Title
Test

Tags
177158, 5

Learning Outcome
New outcome

EMBA 520 - Business Finance

Course Information

Teaching Area (new)
EMBA

Course Number
520

Teaching Area
EMBA

Course Title
Business Finance

Course Description
Introduction to capital procurement, capital deployment and capital distribution. Focus is on making managerial decisions that add value to the firm.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

EMBA 530 - Operations Management

Course Information

Teaching Area (new)
EMBA

Course Number
530

Teaching Area
EMBA

Course Title
Operations Management

Course Description
Doing work efficiently and well within a company's own operation and in the connected operations of a supply chain. Topics in the course include: strategic sourcing, operations fundamentals (bottlenecks, cycle times, throughput time, work in progress, etc.), operations strategy, cellular processes, product/process fit, continuous improvement/quality/lean, forecasting, supply chain coordination, operations and organizational transformation, and capacity planning.\n\n

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Describe Operations Management & Supply Chain Management

Tags
207157, 1

Learning Outcome
Describe what operations management and supply chain management are and how they can be managed in a scientific manner.

Title
Analyze

Tags
207159, 3

Learning Outcome
Analyze business operations using basic quantitative analysis techniques.

Title
Apply Principles

Tags
207160, 2

Learning Outcome
Apply the fundamental principles of production pertaining to capacity, variability, production flow, inventory, and so forth.

Title
Describe Operational and Strategy Effectiveness

Tags
207161, 4

Learning Outcome
Describe how well a specific facility's operational effectiveness is linked to the organization's overall strategy.

Title
Demonstrate

Tags
207162, 5

Learning Outcome
Demonstrate the application of operations principles in an actual business situation.

EMBA 531 - Operations Management

Course Information

Teaching Area (new)
EMBA

Course Number
531

Teaching Area
EMBA

Course Title
Operations Management

Course Description
Examining issues and tools in service operations, production, and operations management. Presenting and developing specific tools for forecasting, planning, inventory control, and project management.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Quantitative analysis of operations processes

Tags
177004, 1

Learning Outcome
demonstrate mastery of basic quantitative skills required to analyze core processes.

Title
Framing operational issues effectively

Tags
177005, 2

Learning Outcome
Demonstrate the ability to develop a point of view about an operational challenge and argue persuasively for it in a professional setting.

EMBA 545 - Human Resource Management

Course Information

Teaching Area (new)
EMBA

Course Number
545

Teaching Area
EMBA

Course Title
Human Resource Management

Course Description
Introduction to theoretical principles and best practices for selecting, assessing, motivating and developing an organization's most important asset: its employees.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
None

Tags
207166, 1

Learning Outcome
Recognize the importance of aligning people practices with business strategy and organizational culture

Title
None

Tags
207170, 3

Learning Outcome
Design and execute a reliable and valid structured employment interview

Title
None

Tags
207172, 4

Learning Outcome
Identify and apply effective compensation and incentive principles

Title
None

Tags
207173, 5

Learning Outcome
Understand options for employee development and retention, in legal, ethical, and cost-effective ways

Title
None

Tags
207174, 6

Learning Outcome
Assess individual performance in an organizational setting and provide actionable performance feedback

Title
None

Tags
207176, 8

Learning Outcome
Make and negotiate a job offer effectively

Title
None

Tags
207177, 7

Learning Outcome
Analyze the causes of organization-level performance issues and offer systematic, critically evaluated solutions

EMBA 550 - Marketing Management

Course Information

Teaching Area (new)
EMBA

Course Number
550

Teaching Area
EMBA

Course Title
Marketing Management

Course Description
Development of analytical marketing tools and techniques; their utilization in case analysis and decision making in marketing management.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

EMBA 560 - Business Analytics

Course Information

Teaching Area (new)
EMBA

Course Number
560

Teaching Area
EMBA

Course Title
Business Analytics

Course Description
Introduction to both descriptive (data visualization) and predictive (forecasting) data analytics. Focus on using the analytical tools and skills needed to make better data-centered managerial decisions.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

EMBA 584R - Introduction to Global Management

Course Information

Teaching Area (new)
EMBA

Course Number
584R

Teaching Area
EMBA

Course Title
Introduction to Global Management

Course Description
Foundations in global management integrating strategy, finance, operations, marketing, and human resource management.

Department
Business

When Taught
Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
CAGE Framework

Learning Outcome
Apply the leading frameworks of international business context, such as national culture, the CAGE model of distance, a "flat" vs. "spiky" world, as well as taxonomies of emerging/powerful markets such as BRIC, MIST/MINT countries, etc. Recognize and share current events in world business that illustrate this framework (and the content of the rest of the learning outcomes).

Title
Characteristics of a Global Industry

Learning Outcome
Understand the complexities of expansion, in general, into global markets--that is, the pitfalls and opportunities that companies face as they seek new, foreign customers for their products and services.

Title
Foreign Markets

Learning Outcome
Deepen and apply global learning to functional areas of business such as finance (e.g. foreign exchange), marketing (e.g. new product development worldwide), supply chain (e.g. outsourcing and offshoring) and human resource management (e.g. global teams and expatriate assignments). Understand how the concepts of culture, political systems, etc. apply to the various aspects of managing a business.

Title
Managing Multi-National Enterprises (MNE)

Learning Outcome
Integrate knowledge from other core courses in the MBA program that span across functional areas (e.g., ethics, strategy, etc.) to learn how global management fits into a "putting it all together" approach to running a cross-national enterprise.

EMBA 595B - Intentional Principles for Leading and Thriving: Razor's Edge

Course Information

Teaching Area (new)
EMBA

Course Number
595B

Teaching Area
EMBA

Course Title
Intentional Principles for Leading and Thriving: Razor's Edge

Course Description
Building on principles and practices around happiness and positive psychology from Part 1, students will explore the implications for thriving personally, in families, and professional around time and energy, essentialism, GRIT, and physical and spiritual well-being. Using content from the entire course and their EMBA experience, students will build a Plan to Thrive (PTT) and in a two day experience, share, revise and present their plans in a culminating experience.

When Taught
Spring Term

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

EMBA 595R - Intentional Principles for Leading and Thriving: Razor's Edge

Course Information

Teaching Area (new)
EMBA

Course Number
595R

Teaching Area
EMBA

Course Title
Intentional Principles for Leading and Thriving: Razor's Edge

Course Description
Principles and practices for intentionally thriving for self, family, and business leadership, culminating in a three-day learning adventure to experience principles in a real world context.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Personal applications of thriving principles

Tags
213040, 0, 1

Learning Outcome
Demonstrate applications of Self Determination Theory, the myths of happiness, and research in PERMA.

Title
Decisions about resource allocations

Learning Outcome
Synthesize concepts from Positive Psychology to appropriately allocate and effectively manage scarce and valuable resources (e.g., time, money, emotional and physical energy, and spiritual strength) personally and professionally to create a high quality of life, and high quality of work engagement for employees.

Title
Hands-on practice

Learning Outcome
Apply the principles and practices for intentionally thriving for self, family, and business leadership in a culminating three-day learning adventure to experience principles of thriving in a real-world context.

EMBA 596R - Intentional Principles for Leading and Thriving: Razor's Edge

Course Information

Course Number
596R

Teaching Area
EMBA

Course Title
Intentional Principles for Leading and Thriving: Razor's Edge

Course Description
Building on principles and practices around happiness and positive psychology from EMBA 595R, continue to study the principles of thriving. Using content from the Epic Learning Adventure, students will build a Plan to Thrive.

Department
Business

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Learning Outcomes

Title
Goal Setting

Learning Outcome
Set goals toward developing key PERMA strengths and managing life areas around exercise, nature, technology, personal finance, work, and relationships.

Title
Develop and Implement

Learning Outcome
Develop and implement a personal Plan to Thrive with application to personal, family, community, church, and business contexts.

Title
Apply Principles and Practices

Learning Outcome
Apply principles and practices for thriving personally and professionally drawing on the literatures of time and energy, essentialism, GRIT, and physical and spiritual well-being.

ENG T 199R - Weidman Center Global Internship

Course Information

Teaching Area (new)
ENG T

Course Number
199R

Teaching Area
ENG T

Course Title
Weidman Center Global Internship

Course Description
Provides students international technical work experience under the guidance of an industry supervisor.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of Weidman Center Director.

Learning Outcomes

Title
Learning Outcomes: Weidman Global Internships

Tags
181657, 2

Learning Outcome

Identify and solve problems by thinking critically and using appropriate engineering and/or technology skills.
Demonstrate professionalism by actively participating in teams, using professional communications, acting ethically, and following pertinent regulations.
Improve technical, global, and leadership capabilities by working in an immersive cross-cultural environment.

Title
Life Long Learning

Tags
181658, 1

Learning Outcome
Upon completing this course students will have gained practical global experience that will aid them in future engineering careers.

ENG T 295R - Engineering Math Refresher

Course Information

Teaching Area (new)
ENG T

Course Number
295R

Teaching Area
ENG T

Course Title
Engineering Math Refresher

Course Description
Review of basic techniques of algebra, trigonometry, differential calculus, integral calculus, and series and sequences in preparation for engineering mathematics, ordinary differential equations, and multivariable calculus.

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Refresher

Tags
206765, 1

Learning Outcome
Upon completion of this course students will be better prepared to continue their education in the College of Engineering.

ENG T 480 - Globalization in Engineering and Technology

Course Information

Teaching Area (new)
ENG T

Course Number
480

Teaching Area
ENG T

Course Title
Globalization in Engineering and Technology

Course Description
Definition of globalization and the driving forces. How globalization is changing the practice of engineering and the development of technology. Study through classroom and industrial site visits.

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent

Learning Outcomes

Title
Globalization and Culture

Tags
181645, 1

Learning Outcome
The students' knowledge of globalization as it affects the environment, international trade and finance, and cultures.

Title
Students and Globalization

Tags
181646, 2

Learning Outcome
The students' ability to argue the major points related to globalization (listed in the two points above). In each case, there are multiple views on the subject which they should be familiar with.

Title
Culture and Engineering Practices

Tags
181647, 3

Learning Outcome
The students' ability to discuss foreign engineers regarding globalization and their companies' activities in the foreign country.

Title
Globalization and Engineering

Tags
181650, 0

Learning Outcome
The students' knowledge of globalization as it relates to the practice of engineering, innovation, manufacturing, and research in their chosen field.

ENG T 595R - Special Topics in Engineering and Technology

Course Information

Teaching Area (new)
ENG T

Course Number
595R

Teaching Area
ENG T

Course Title
Special Topics in Engineering and Technology

Course Description
Special topics in engineering and technology that relate to current research areas or issues related to industry.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Special Topics

Tags
181651, 0

Learning Outcome
Learn and apply concepts and/or prictices in a specialized area.

ENGL 201 - Masterpieces of World Literature 1

Course Information

Teaching Area (new)
ENGL

Course Number
201

Teaching Area
ENGL

Course Title
Masterpieces of World Literature 1

Course Description
Major world civilizations from antiquity through the early Italian Renaissance, approached through literature and emphasizing socioeconomic, religious, political, intellectual, and aesthetic developments.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills the Civilization 1 GE requirement.

ENGL 202 - Masterpieces of World Literature 2

Course Information

Teaching Area (new)
ENGL

Course Number
202

Teaching Area
ENGL

Course Title
Masterpieces of World Literature 2

Course Description
Major world civilizations from Europe's High Renaissance to modern times, approached through literature and emphasizing socioeconomic, religious, political, intellectual, and aesthetic developments.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ENGL 203 - Ways of Reading

Course Information

Teaching Area (new)
ENGL

Course Number
203

Teaching Area
ENGL

Course Title
Ways of Reading

Course Description
Reading strategies course focused on fundamental concepts and practices of literary analysis.

Department
English

When Taught
Fall; Winter; Spring; Summer Contact Department.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Close Reading

Tags
211404, 0, 1, 2021-09-13 11:10:24

Learning Outcome
Evaluate and apply foundational approaches to close reading and apply them to a range of texts.

Title
Textual Analysis

Tags
211405, 0, 2, 2021-09-13 11:10:24

Learning Outcome
Demonstrate the ability to engage with texts on multiple levels, from comprehension to interpretation to analysis.

Title
Reflection

Tags
211406, 0, 3, 2021-09-13 11:10:24

Learning Outcome
Reflect on the importance of careful reading in academic, professional, and personal settings.

ENGL 211 - Rhetoric and Civilization 1

Course Information

Teaching Area (new)
ENGL

Course Number
211

Teaching Area
ENGL

Course Title
Rhetoric and Civilization 1

Course Description
Western civilization from Greek antiquity to the Renaissance emphasizing rhetoric; the arts of language and their role in shaping institutions, values, and beliefs.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills the Civilization 1 GE requirement.

Learning Outcomes

Title
Careful and Critical Reading

Tags
191442, 2

Learning Outcome
Read carefully and critically primary texts from people and periods in history that have shaped the civilization we now have-particularly our intellectual traditions and values, but also our political, social, educational, and religious institutions.

Title
Understand Vocabulary and Canons of Rhetoric

Tags
191684, 2

Learning Outcome
Understand the vocabulary and canons of rhetoric so that you can use the art of rhetoric effectively in listening to, reading, and analyzing the discourse of others, and in speaking and writing clearly and persuasively.

Title
Effective Writing and Communication

Tags
191744, 1

Learning Outcome
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

ENGL 212 - Rhetoric and Civilization 2

Course Information

Teaching Area (new)
ENGL

Course Number
212

Teaching Area
ENGL

Course Title
Rhetoric and Civilization 2

Course Description
Western civilization from the Renaissance to the present emphasizing rhetoric; the arts of language and their role in shaping institutions, values, and beliefs.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Texts

Tags
191443, 2

Learning Outcome
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

Title
Understanding Vocabulary and Canons of Rhetoric

Tags
191705, 2

Learning Outcome
Understand the vocabulary and canons of rhetoric so that you can use the art of rhetoric effectively in listening to, reading, and analyzing the discourse of others, and in speaking and writing clearly and persuasively.

Title
Effective Writing and Communication

Tags
191444, 1

Learning Outcome
Demonstrate your understanding of the texts through written and oral assignments as well as through papers and essay exams.

Title
Careful and Critical Reading

Tags
191445, 2

Learning Outcome
Read carefully and critically primary texts from people and periods in history that have shaped the civilization we now have-particularly our intellectual traditions and values, but also our political, social, educational, and religious institutions.

ENGL 218 - Creative Writing

Course Information

Teaching Area (new)
ENGL

Course Number
218

Teaching Area
ENGL

Course Title
Creative Writing

Course Description
Introductory instructions in the writing of poetry, the short story, and the essay.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effort, Discipline, and Knowledge

Tags
191231, 0, 1, 2021-09-28 12:20:56

Learning Outcome
Demonstrate effort and discipline in their creative work as well as a knowledge of various creative genres and their conventions.

Title
Reading Literary Models Analytically

Tags
191232, 0, 2, 2021-09-28 12:20:56

Learning Outcome
Read literary models analytically, with an eye to authorial intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191233, 0, 3, 2021-09-28 12:20:56

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in their writing.

Title
Successful Writing using Literary Models

Tags
191234, 0, 4, 2021-09-28 12:20:56

Learning Outcome
Write a successful poem, short story, or essay using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191235, 0, 5, 2021-09-28 12:20:56

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

ENGL 230 - Studies in Literature

Course Information

Teaching Area (new)
ENGL

Course Number
230

Teaching Area
ENGL

Course Title
Studies in Literature

Course Description
Introduction to various literary themes, forms, and/or authors.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
NOTE: Does not fulfill English major requirements. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Critical Reading Strategies

Tags
191449, 1

Learning Outcome
Demonstrate basic proficiency in reading and interpreting fiction, drama, and poetry.

Title
Effective Writing and Communication

Tags
191450, 2

Learning Outcome
Demonstrate your understanding of literature through written and oral assignments , including papers and exams.

Title
Ethical and Aesthetic Contexts

Tags
191451, 3

Learning Outcome
Be able to discuss the ethical and aesthetic implications of choosing particular reading strategies including those that center on texts, genres, authors, readers.

ENGL 232 - Shakespeare

Course Information

Teaching Area (new)
ENGL

Course Number
232

Teaching Area
ENGL

Course Title
Shakespeare

Course Description
Careful reading and discussion of six to eight major plays.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Does not fulfill English major requirements.

Learning Outcomes

Title
Critical Reading Strategies

Tags
191452, 1

Learning Outcome
Demonstrate basic proficiency in reading and interpreting Shakespeare's plays.

Title
Effective Writing and Communication

Tags
191453, 2

Learning Outcome
Demonstrate your understanding of Shakespeare through written and oral assignments , including papers and exams.

Title
History, Context, Genres and Themes, and Ethics

Tags
191704, 2

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of Shakespeare’s representative works.

ENGL 235 - Studies in American Literature

Course Information

Teaching Area (new)
ENGL

Course Number
235

Teaching Area
ENGL

Course Title
Studies in American Literature

Course Description
Selected readings in American literature.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Writing and Communication

Tags
191454, 2

Learning Outcome
Demonstrate your understanding of American literature through written and oral assignments, including papers and exams.

Title
History, Context, Genres and Themes, and Ethics

Tags
191672, 2

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of American literature.

Title
Critical Reading Strategies

Tags
191679, 0

Learning Outcome
Demonstrate basic proficiency in reading and interpreting American literature.

ENGL 236 - Studies in British Literature

Course Information

Teaching Area (new)
ENGL

Course Number
236

Teaching Area
ENGL

Course Title
Studies in British Literature

Course Description
Selected readings in British literature.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History, Context, Genres and Themes, and Ethics

Tags
191456, 3

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of British literature.

Title
Critical Reading Strategies

Tags
191670, 0

Learning Outcome
Demonstrate basic proficiency in reading and interpreting British literature.

Title
Effective Writing and Communication

Tags
191455, 2

Learning Outcome
Demonstrate your understanding of British literature through written and oral assignments, including papers and exams.

ENGL 238 - The Bible as Literature

Course Information

Teaching Area (new)
ENGL

Course Number
238

Teaching Area
ENGL

Course Title
The Bible as Literature

Course Description
Introduction to the literary forms and aesthetic strategies of the Bible.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading

Tags
191825, 1

Learning Outcome
We will discover together better ways to read the Bible with the sensitivity and awareness that its superb artistry and unparalleled insight warrant, reconstructing from the textual evidence more of what is expressed and implied in this book that is the seedbed of our literature and much of our language.

Title
Genres

Tags
191826, 2

Learning Outcome
We will familiarize ourselves with biblical genres and conventions ranging from parable to proverb, from typology to type scene, from paradox to parallelism in order to enhance our ability to read ourselves into biblical statements.

Title
Personal Application

Tags
191827, 3

Learning Outcome
We will apply the advantages of the reading practices we discover through our Bible reading-such techniques as reading between the lines, thinking against the grain, likening to ourselves-to texts beyond the Bible, ideally as far as into daily life. We will learn to apply biblical insights to ourselves through practice in likening scriptural narrative and poetry and wisdom to our own experience.

Title
Critical and Historical Contexts

Tags
191828, 4

Learning Outcome
We will expand our perceptions of biblical texts by viewing them through a wide spectrum of critical approaches and by investigating their implications through the lens of their historical context.

Title
Written Analysis

Tags
191829, 5

Learning Outcome
We will enhance our ability to express our hard-earned individual insights into biblical texts by writing research-intensive essays and answering probing literary questions about the Bible.

Title
Life-long Learning

Tags
191830, 6

Learning Outcome
We will in all these ways make the Bible "a source of practical wisdom, spiritual insight, and aesthetic pleasure, a vital perspective upon history and the diversity of human experience, and a guide for making ethical choices in our daily lives" not just for this class but forever, initiating a process of study of the Bible that at its best is as long and as deep as life.

ENGL 268 - Literature of the Latter-day Saints

Course Information

Teaching Area (new)
ENGL

Course Number
268

Teaching Area
ENGL

Course Title
Literature of the Latter-day Saints

Course Description
Fiction, poetry, drama, folklore, essay, etc., emerging from and reflecting upon the LDS experience from Joseph Smith to the present.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Reading Strategies

Tags
191457, 1

Learning Outcome
Demonstrate basic proficiency in reading and interpreting LDS literature

Title
Effective Writing and Communication

Tags
191458, 2

Learning Outcome
Demonstrate your understanding of LDS literature through written and oral assignments, including papers and exams.

Title
History, Context, Genres and Themes, and Ethics

Tags
191713, 2

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of representative works of LDS literature.

ENGL 276R - Exploration of Teaching

Course Information

Teaching Area (new)
ENGL

Course Number
276R

Teaching Area
ENGL

Course Title
Exploration of Teaching

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Must have completed, or be enrolled in, 9 of the following 12 credits: Engl 203 (3 credits); Engl 291 (3 credits); Engl 292 (3 credits) and Engl 293 (3 credits) or Engl 294 (6 credits). Meet Utah State Office of Education license requirements; FBI fingerprint and background clearance

Learning Outcomes

Title
Instructional Resource File

Tags
191400, 1

Learning Outcome
Create an instructional resource file.

Title
Newletter, Bulletin Board, and Resource Aid

Tags
191401, 4

Learning Outcome
Create school newsletter, bulletin board display and an instructional resource aid.

Title
Moral Dimensions of Teaching

Tags
191402, 5

Learning Outcome
Analyze case study incidences regarding the moral dimensions of teaching.

Title
Lesson Recording and Analysis

Tags
191677, 4

Learning Outcome
Video record one lesson to view and analyze and review with peers.

Title
Lesson Plans

Tags
191682, 10

Learning Outcome
Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory.

Title
Learning Styles

Tags
191716, 1

Learning Outcome
Evaluate a variety of learning styles.

ENGL 291 - British Literary History 1

Course Information

Teaching Area (new)
ENGL

Course Number
291

Teaching Area
ENGL

Course Title
British Literary History 1

Course Description
Development of ideas, movements, genres, and styles in early English literature as illustrated through representative texts.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 203 - Ways of Reading

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Representative Authors, Genres, Works, and Movements

Tags
191238, 0, 1, 2021-09-28 12:21:10

Learning Outcome
Identify, contextualize, and interpret representative authors, genres, works, and movements during the medieval and early modern periods.

Title
Historical Development and Cultural Context

Tags
191239, 0, 2, 2021-09-28 12:21:10

Learning Outcome
Analyze and synthesize the historical development and cultural context of literature written in the British tradition before 1789.

ENGL 292 - British Literary History 2

Course Information

Teaching Area (new)
ENGL

Course Number
292

Teaching Area
ENGL

Course Title
British Literary History 2

Course Description
Development of ideas, movements, genres, and styles in later English literature as illustrated through representative texts.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 203 - Ways of Reading

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Development and Cultural Context

Tags
191245, 1

Learning Outcome
Through writing, exams, and other activities, demonstrate an understanding of the historical development and cultural context of literature written in the British tradition after 1789.

Title
Representative Authors, Genres, Works, and Movements

Tags
191246, 2

Learning Outcome
Identify and discuss representative authors, genres, works, and movements in the Romantic, Victorian, and modern periods.

ENGL 293 - American Literary History

Course Information

Teaching Area (new)
ENGL

Course Number
293

Teaching Area
ENGL

Course Title
American Literary History

Course Description
Development of ideas, movements, genres, and styles in American literature as illustrated through representative texts.

Department
English

When Taught
Fall; Winter; Spring-Summer Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 203 - Ways of Reading

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Representative Authors, Genres, Works, and Movements

Tags
191247, 0, 1, 2021-09-28 12:24:54

Learning Outcome
Identify, contextualize, and interpret representative authors, genres, works, and movements in American literature.

Title
Historical Development and Cultural Context

Tags
191248, 0, 2, 2021-09-28 12:24:54

Learning Outcome
Analyze and synthesize the historical development and cultural context of American literature.

ENGL 294 - Transatlantic Literary History

Course Information

Teaching Area (new)
ENGL

Course Number
294

Teaching Area
ENGL

Course Title
Transatlantic Literary History

Course Description
This course explores British and American literary history from the eighteenth through the twenty-first centuries by studying key figures, movements, genres, events, themes, and ideas through the lens of transatlantic literary exchange.

Department
English

When Taught
Contact Department

Credit Hours

Min:
6

Fixed/Max:
6

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 203 - Ways of Reading

Other Prerequisites
or concurrent enrollment.

Learning Outcomes

Title
Representative Authors, Genres, Works, and Movements

Tags
191249, 0, 1, 2021-09-28 12:25:03

Learning Outcome
Identify, contextualize, and interpret representative authors, genres, works, and movements in the transatlantic literary tradition.

Title
Historical Development and Cultural Context

Tags
191250, 0, 2, 2021-09-28 12:25:03

Learning Outcome
Analyze and synthesize the historical development and cultural context of the transatlantic literary tradition.

ENGL 300R - British Literature in a Cultural Setting

Course Information

Teaching Area (new)
ENGL

Course Number
300R

Teaching Area
ENGL

Course Title
British Literature in a Cultural Setting

Course Description
Survey of British literary history for London Centre programs. Introduction to a range of major authors and texts from the Elizabeth Age through the twenty-first century. Designed to instill knowledge of and appreciation for Britain's literary heritage and to provide practice interpreting literary texts and movements in light of the distinctive historical, geographic, and biographical insights that a study abroad experience affords.

Department
English

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
6

Note
For Study Abroad students only.

Learning Outcomes

Title
Writing in Geographical Context

Tags
191975, 0, 2, 2021-09-28 12:25:13

Learning Outcome
Be able to write coherently and persuasively about the artistic works studied and visited during the course.

Title
Literary History

Tags
191972, 0, 4, 2021-09-28 12:25:13

Learning Outcome
Possess a sound understanding of British literary history, demonstrating a general awareness of major literary periods, authors, and sites.

Title
Literary Analysis

Tags
191973, 0, 5, 2021-09-28 12:25:13

Learning Outcome
Be able to analyze the principal texts from the course carefully and in some detail.

Title
Contextual Understanding

Tags
191974, 0, 6, 2021-09-28 12:25:13

Learning Outcome
Be capable of accurately and intelligently relating artistic works to the main historical, aesthetic, and philosophical trends of their times.

ENGL 302 - Writing with Style

Course Information

Teaching Area (new)
ENGL

Course Number
302

Teaching Area
ENGL

Course Title
Writing with Style

Course Description
Developing stylistic competency and range in nonfiction writing, especially at the sentence and paragraph levels.

Department
English

When Taught
Fall; Winter; Spring; Summer Contact Department.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing

Tags
191304, 0, 1, 2021-09-28 12:25:21

Learning Outcome
Apply strategies from rhetoric, grammar, and punctuation to develop an effective writing style for differing purposes, audiences, occasions, and genres. Describe, defend, and reflect on their individual writing style.

Title
Explication

Tags
191305, 0, 2, 2021-09-28 12:25:21

Learning Outcome
Identify and evaluate stylistic decisions in the writing of others.

ENGL 303 - Writing Literary Criticism

Course Information

Teaching Area (new)
ENGL

Course Number
303

Teaching Area
ENGL

Course Title
Writing Literary Criticism

Course Description
Research and writing about literature, including disciplinary conventions and expectations.

Department
English

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 203 - Ways of Reading

OR

Prerequisites

Complete ALL of the following Courses:

Note
ENGL 303 should be taken before upper-division course work in the major and fulfills the GE Advanced Writing and Oral Communication requirement for English majors.

Learning Outcomes

Title
Disciplinary Writing & Speaking

Tags
211401, 0, 1, 2021-09-13 11:09:12

Learning Outcome
Develop competency in writing literary criticism for readers within the discipline. Develop productive and flexible individual and collaborative writing processes. Use multiple critical and contextual strategies to present literary criticism in a prepared, formal oral presentation.

Title
Research

Tags
211402, 0, 2, 2021-09-13 11:09:12

Learning Outcome
Find and evaluate credible sources, integrate them purposefully to situate and advance literary analysis, and document these sources correctly.

Title
Reflection

Tags
211403, 0, 3, 2021-09-13 11:09:12

Learning Outcome
Reflect on and articulate the value and adaptability of the competencies associated with writing literary criticism for personal, spiritual, professional, and public life.

ENGL 317R - Writing Creative Nonfiction

Course Information

Teaching Area (new)
ENGL

Course Number
317R

Teaching Area
ENGL

Course Title
Writing Creative Nonfiction

Course Description
Creations of style and technique in prose nonfiction; discipline and practice of the writer.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing

Other Prerequisites

or instructor's consent

Note

Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effort, Discipline, and Knowledge

Tags
191669, 0, 0, 2021-09-28 12:27:03

Learning Outcome
Demonstrate effort and discipline in crafting creative nonfiction and display a knowledge of its conventions.

Title
Reading Literary Models Analytically

Tags
191283, 0, 2, 2021-09-28 12:27:03

Learning Outcome
Read creative nonfiction models analytically, with an eye to authorial intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191284, 0, 3, 2021-09-28 12:27:03

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in creative nonfiction.

Title
Successful Writing using Literary Models

Tags
191285, 0, 4, 2021-09-28 12:27:03

Learning Outcome
Write a variety of essays using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191286, 0, 5, 2021-09-28 12:27:03

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

ENGL 318R - Writing Fiction

Course Information

Teaching Area (new)
ENGL

Course Number
318R

Teaching Area
ENGL

Course Title
Writing Fiction

Course Description
Creation of style and technique in prose fiction; discipline and practice of the writer.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing

Other Prerequisites
or instructor's consent

Learning Outcomes

Title
Effort, Discipline, and Knowledge

Tags
191288, 0, 1, 2021-09-28 12:27:17

Learning Outcome
Demonstrate effort and discipline in crafting fiction and display a knowledge of its conventions.

Title
Reading Literary Models Analytically

Tags
191289, 0, 2, 2021-09-28 12:27:17

Learning Outcome
Read fiction models analytically, with an eye to authorial intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191290, 0, 3, 2021-09-28 12:27:17

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in fiction.

Title
Successful Writing using Literary Models

Tags
191291, 0, 4, 2021-09-28 12:27:17

Learning Outcome
Write a variety of fiction using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191292, 0, 5, 2021-09-28 12:27:17

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

ENGL 319R - Writing Poetry

Course Information

Teaching Area (new)
ENGL

Course Number
319R

Teaching Area
ENGL

Course Title
Writing Poetry

Course Description
Creation of style and technique in poetry; discipline and practice of the poet.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing

Other Prerequisites
or instructor's consent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effort, Discipline, and Knowledge

Tags
191293, 0, 1, 2021-09-28 12:27:49

Learning Outcome
Demonstrate effort and discipline in crafting poetry and display a knowledge of its conventions.

Title
Reading Literary Models Analytically

Tags
191294, 0, 2, 2021-09-28 12:27:49

Learning Outcome
Read poetry models analytically, with an eye to authorial intention and technique and be able to articulate the same.

Title
Grammar, Punctuation, and Style

Tags
191295, 0, 3, 2021-09-28 12:27:49

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in poetry.

Title
Successful Writing using Literary Models

Tags
191296, 0, 4, 2021-09-28 12:27:49

Learning Outcome
Write a variety of poems using literary models and following explicit instructions from the teacher.

Title
Revising, Editing, and Sharing

Tags
191297, 0, 5, 2021-09-28 12:27:49

Learning Outcome
Revise intelligently, edit carefully, and share one's work with others in the class.

ENGL 320R - Writing for Children and Adolescents

Course Information

Teaching Area (new)
ENGL

Course Number
320R

Teaching Area
ENGL

Course Title
Writing for Children and Adolescents

Course Description
Theory and practice of writing prose and verse for youth readership. Specific attention to requirements of picture books, middle-grade novels, and young adult stories.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing

Other Prerequisites
; or instructor's consent.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Writing

Tags
191298, 0, 1, 2021-09-28 12:28:30

Learning Outcome
Craft a variety of prose and verse for a young readership applying relevant conventions and using literary models.

Title
Analyze Literary Models

Tags
191299, 0, 2, 2021-09-28 12:28:30

Learning Outcome
Read and analyze picture books, middle-grade novels, and young adult stories, with an eye to authorial intention and technique.

Title
Revising, Editing, Sharing

Tags
191301, 0, 4, 2021-09-28 12:28:30

Learning Outcome
Revise intelligently, edit carefully, and share work with others.

Title
Using Grammar, Punctuation, and Style

Tags
191302, 0, 5, 2021-09-28 12:28:30

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in genres for younger readers.

ENGL 321R - English Department Reading Series

Course Information

Teaching Area (new)
ENGL

Course Number
321R

Teaching Area
ENGL

Course Title
English Department Reading Series

Course Description
Weekly readings of poetry, essays, and fiction by distinguished creative writers.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Processing Literary Models Analytically

Tags
191303, 0, 1, 2021-09-28 12:28:40

Learning Outcome
Analyze poetry, fiction, and creative nonfiction presented orally, with an eye to authorial intention and technique and be able to articulate the same.

ENGL 322 - Rhetorical Foundations

Course Information

Teaching Area (new)
ENGL

Course Number
322

Teaching Area
ENGL

Course Title
Rhetorical Foundations

Course Description
Overview of the history of rhetoric and its key functions as an academic discipline.

Department
English

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Rhetorical Theory

Tags
213761, 0, 1, 2023-08-29 08:55:37

Learning Outcome
Learn and reflect on key movements and debates in the history of rhetoric

Title
Rhetorical Analysis

Tags
213762, 0, 2, 2023-08-29 08:55:39

Learning Outcome
Learn and practice rhetorical analysis using key methodologies

Title
Argument and Reflection

Tags
213763, 0, 3, 2023-08-29 08:55:40

Learning Outcome
Practice crafting rhetorical messages and reflecting on relevant principles, such as leadership, ethics, and spirituality

ENGL 323 - Professional Writing

Course Information

Teaching Area (new)
ENGL

Course Number
323

Teaching Area
ENGL

Course Title
Professional Writing

Course Description
Rhetorical approaches to professional writing, communication, and workplace collaboration.

Department
English

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Professional Writing and Communication

Tags
213764, 0, 1, 2023-08-29 08:55:43

Learning Outcome
Analyze and compose well-written documents in a variety of workplace genres to accurately and effectively promote ideas, products, and services

Title
Rhetorical and Genre Theories

Tags
213765, 0, 2, 2023-08-29 08:55:44

Learning Outcome
Apply rhetorical and genre theory to the analysis of professional writing contexts

Title
Ethics

Tags
213766, 0, 3, 2023-08-29 08:55:45

Learning Outcome
Use ethics when making professional communication decisions.

Title
Collaboration

Tags
213767, 0, 4, 2023-08-29 08:55:47

Learning Outcome
Develop and apply project management skills to collaborate as a professional writing team on a project for a real client.

ENGL 325 - Visual Communication

Course Information

Teaching Area (new)
ENGL

Course Number
325

Teaching Area
ENGL

Course Title
Visual Communication

Course Description
Rhetorical perspectives on the theory, criticism, and production of visual media.

Department
English

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Rhetorical Theory and Criticism

Tags
213768, 0, 1, 2023-08-29 08:55:51

Learning Outcome
Analyze and evaluate the purpose, modes, and persuasive effects of visual media.

Title
Production of Visual Media

Tags
213769, 0, 2, 2023-08-29 08:55:52

Learning Outcome
Develop and produce visual media in multiple genres, using various rhetorical theories and methods.

Title
Design Vocabulary and Visual Communication Conventions

Tags
213770, 0, 3, 2023-08-29 08:55:54

Learning Outcome
Develop vocabulary and demonstrate understanding of conventions in visual communication.

Title
Ethics in Visual Communication

Tags
213771, 0, 4, 2023-08-29 08:55:56

Learning Outcome
Articulate cultural, ethical, and legal implications in the production of visual communication and compose accordingly.

ENGL 326 - Digital Communication

Course Information

Teaching Area (new)
ENGL

Course Number
326

Teaching Area
ENGL

Course Title
Digital Communication

Course Description
Rhetorical perspectives on critical digital literacy, content creation, and digital engagement.

Department
English

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Digital Literacy

Tags
213772, 0, 1, 2023-08-29 08:56:01

Learning Outcome
Critically examine online communication and web platforms.

Title
Content Creation

Tags
213773, 0, 2, 2023-08-29 08:56:04

Learning Outcome
Compose digital media messages applying sound rhetorical principles.

Title
Digital Engagement

Tags
213774, 0, 3, 2023-08-29 08:56:05

Learning Outcome
Engage with current social media platforms to interact with a variety of audiences for various purposes.

ENGL 327R - Studies in Rhetoric

Course Information

Teaching Area (new)
ENGL

Course Number
327R

Teaching Area
ENGL

Course Title
Studies in Rhetoric

Course Description
Special topics in rhetorical history, theory, and criticism.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Rhetorical Principles

Tags
191739, 0, 1, 2021-09-28 12:31:40

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in rhetoric, students will be able to explain and use rhetorical principles and practices to explicate, evaluate, and create a broad array of effective spoken and written texts.

Title
Rhetorical Evaluation

Tags
191764, 0, 2, 2021-09-28 12:31:40

Learning Outcome
From a more specialized focus on particular questions, theorists, practices, or genres in rhetoric, students will be able to evaluate the quality of rhetorical theories and practices.

ENGL 329 - Teaching Grammar and Usage in Secondary Schools

Course Information

Teaching Area (new)
ENGL

Course Number
329

Teaching Area
ENGL

Course Title
Teaching Grammar and Usage in Secondary Schools

Course Description
Language issues, particularly grammar, usage, and pedagogy, for students preparing to teach English at the secondary level.

Department
English

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Note
Required before student teaching.

Learning Outcomes

Title
Understanding Grammar

Tags
191403, 1

Learning Outcome
Students will be able to understand and explain the basic principles of English grammar and usage.

Title
Teaching Grammar

Tags
191404, 2

Learning Outcome
Students will be able to design and implement effective instruction of English grammar and usage.

ENGL 330R - Special Topics in Creative Writing

Course Information

Course Number
330R

Teaching Area
ENGL

Course Title
Special Topics in Creative Writing

Course Description
Special topics in creative writing.

Department
English

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Recommended
ENGL 218

Learning Outcomes

Title
Writing

Learning Outcome
Craft a variety of essays applying relevant conventions and using literary models

Title
Analyze Literary Models

Learning Outcome
Read and analyze creative writing, with an eye to authorial intention and technique.

Title
Revising, Editing, Sharing

Learning Outcome
Revise intelligently, edit carefully, and share work with others.

Title
Using Grammar, Punctuation, and Style

Learning Outcome
Use correct grammar, punctuation, and an appropriate style in travel writing.

ENGL 331R - Media and Popular Literatures before 1800

Course Information

Teaching Area (new)
ENGL

Course Number
331R

Teaching Area
ENGL

Course Title
Media and Popular Literatures before 1800

Course Description
Study of the codes, conventions, contexts, transmissions, and transformations of popular literary texts before 1800. Special attention will be paid to the medium and reception of these texts.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 293 - American Literary History
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 294 - Transatlantic Literary History
  AND ENGL 303 - Writing Literary Criticism

Learning Outcomes

Title
Medium

Tags
211451, 0, 1, 2021-09-28 12:32:34

Learning Outcome
Read, write, and speak critically and analytically about the importance of medium in various contexts and for a scholarly and/or general audience.

Title
Reception and Contexts

Tags
211452, 0, 2, 2021-09-28 12:32:34

Learning Outcome
Interpret, analyze, and synthesize the historical, theoretical, and technological development and reception of literary and other texts before 1800 in terms of medium.

Title
Media Studies Theories and Application

Tags
211453, 0, 3, 2021-09-28 12:32:34

Learning Outcome
Discuss key texts, both primary and secondary, in media studies.

Title
Reflection

Tags
211454, 0, 4, 2021-09-28 12:32:34

Learning Outcome
Articulate the value of analyzing media and popular literatures for various purposes and audiences, including for professional and personal life.

ENGL 332R - Media and Popular Literatures after 1800

Course Information

Teaching Area (new)
ENGL

Course Number
332R

Teaching Area
ENGL

Course Title
Media and Popular Literatures after 1800

Course Description
Study of the codes, conventions, contexts, transmissions, and transformations of popular literary texts from 1800 to the present. Special attention will be paid to the medium and reception of these texts.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 292 - British Literary History 2
  AND ENGL 293 - American Literary History
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 294 - Transatlantic Literary History
  AND ENGL 303 - Writing Literary Criticism

Learning Outcomes

Title
Medium

Tags
211455, 0, 1, 2021-09-28 12:32:50

Learning Outcome
Read, write, and speak critically and analytically about the importance of medium in various contexts and for a scholarly and/or general audience.

Title
Reception and Contexts

Tags
211456, 0, 2, 2021-09-28 12:32:50

Learning Outcome
Interpret, analyze, and synthesize the historical, theoretical, and technological development and reception of literary and other texts after 1800 in terms of medium.

Title
Media Studies Theories and Application

Tags
211457, 0, 3, 2021-09-28 12:32:50

Learning Outcome
Discuss key texts, both primary and secondary, in media studies.

Title
Reflection

Tags
211458, 0, 4, 2021-09-28 12:32:50

Learning Outcome
Articulate the value of analyzing media and popular literatures for various purposes and audiences, including for professional and personal life.

ENGL 335 - Professional Speaking

Course Information

Teaching Area (new)
ENGL

Course Number
335

Teaching Area
ENGL

Course Title
Professional Speaking

Course Description
Applied practice in public speaking, interpersonal speaking, and group discussion in professional environments.

Department
English

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Writing 150, English 302, English 322

Learning Outcomes

Title
Presentation Skills

Tags
213779, 0, 1, 2023-08-29 08:56:25

Learning Outcome
Prepare and deliver a professional formal presentation with visual aids with a target audience in mind

Title
One-on-one speaking skills

Tags
213780, 0, 2, 2023-08-29 08:56:27

Learning Outcome
Deliver professional formal presentations with a target audience in mind

Title
Delivery skills

Tags
213781, 0, 3, 2023-08-29 08:56:28

Learning Outcome
Apply performance strategies for the voice and body—including the body's response to speaking anxiety—for effective oral communication

Title
Electronically mediated skills

Tags
213782, 0, 4, 2023-08-29 08:56:30

Learning Outcome
Apply the above skills to remote communication modes, such as online meetings and webinars

ENGL 337R - Studies in Literary Form and Genre

Course Information

Teaching Area (new)
ENGL

Course Number
337R

Teaching Area
ENGL

Course Title
Studies in Literary Form and Genre

Course Description
Study of the codes, conventions, contexts, and development of a particular generic type.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Genre

Tags
211535, 0, 1, 2021-09-28 12:47:15

Learning Outcome
Read, write, and speak critically and analytically about representative texts in specific genres.

Title
Research and Writing

Tags
211536, 0, 2, 2021-09-28 12:47:15

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211537, 0, 3, 2021-09-28 12:47:15

Learning Outcome
Articulate the value of analyzing literary form and genre for various purposes and audiences, including for professional and personal life.

ENGL 338 - Literary Studies of the Bible

Course Information

Teaching Area (new)
ENGL

Course Number
338

Teaching Area
ENGL

Course Title
Literary Studies of the Bible

Course Description
Scholarly engagement with the aesthetic forms and cultural context of Biblical texts.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1

AND

Learning Outcome
Articulate the value of analyzing Biblical texts for various purposes and audiences, including for professional and personal life.

Learning Outcomes

Title
Interpretation

Tags
191908, 2

Learning Outcome
Gain familiarity and facility with a range of interpretive methods.

Title
Critical Analysis

Tags
191755, 0, 1, 2021-09-28 12:33:41

Learning Outcome
Read, write, and speak critically and analytically about Biblical texts using methods of literary analysis.

Title
Biblical Scholarship

Tags
191907, 0, 1, 2021-09-28 12:33:41

Learning Outcome
Identify and synthesize basic principles informing scholarly approaches to the Bible as literature, including questions of textual history, genre, and translation.

Title
Interpretation

Tags
191909, 0, 2, 2021-09-28 12:33:41

Learning Outcome
Analyze Biblical texts applying a range of interpretive methods.

Title
Reflection

Tags
191756, 0, 3, 2021-09-28 12:33:41

ENGL 340 - Book and Publishing History

Course Information

Teaching Area (new)
ENGL

Course Number
340

Teaching Area
ENGL

Course Title
Book and Publishing History

Course Description
An introduction to book and publishing history, print culture, reception, and the materiality of both literary and non-literary texts.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Book and Publishing History

Tags
211459, 0, 1, 2021-09-28 12:33:55

Learning Outcome
Read, write, and speak critically and analytically about book history, publishing history, and textual reception for a scholarly and/or general audience.

Title
Materiality of Writing and Reception

Tags
211460, 0, 2, 2021-09-28 12:33:55

Learning Outcome
Interpret, analyze, and synthesize the historical, theoretical, and technological development of the codex, alternative formats for disseminating writing, and textual reception.

Title
Research and Writing

Tags
211461, 0, 3, 2021-09-28 12:33:55

Learning Outcome
Develop an effective, polished written argument or project that draws upon training and research in book history, reception studies, and relevant digital and print sources.

Title
Reflection

Tags
211462, 0, 4, 2021-09-28 12:33:55

Learning Outcome
Articulate the value of analyzing book and publishing history for various purposes and audiences, including for professional and personal life.

ENGL 344R - Digital and Visual Literacies

Course Information

Teaching Area (new)
ENGL

Course Number
344R

Teaching Area
ENGL

Course Title
Digital and Visual Literacies

Course Description
Study of multimodal texts and genres with ties to literature, based in theoretical grounding from the fields of adaptation studies, design, folklore, and digital rhetoric.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Multimodal Genres and Literacies

Tags
211463, 0, 1, 2021-09-28 12:34:05

Learning Outcome
Evaluate and apply literacy in multiple modes of contemporary literary expression and adaptation.

Title
Media Theories

Tags
211464, 0, 2, 2021-09-28 12:34:05

Learning Outcome
Analyze and write meaningfully about specific texts applying theory from adaptation studies, design, folklore, and digital rhetoric.

Title
Reflection

Tags
211465, 0, 3, 2021-09-28 12:34:05

Learning Outcome
Articulate the value of analyzing digital and visual literacies for various purposes and audiences, including for professional and personal life.

ENGL 345 - Literature and Film

Course Information

Teaching Area (new)
ENGL

Course Number
345

Teaching Area
ENGL

Course Title
Literature and Film

Course Description
Emphasis on film as an interpretation of texts. Includes International Cinema.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Adaption Theory

Tags
191769, 6

Learning Outcome
Learn and apply adaptation theory, in terms of both literature and film and other media.

Title
Technical Contexts

Tags
191315, 0, 2, 2021-09-28 12:34:19

Learning Outcome
Apply the vocabulary of cinematic technique and theory to read films.

Title
Adaption Theory

Tags
191316, 0, 4, 2021-09-28 12:34:19

Learning Outcome
Apply adaptation theory to analyze literature, film, and other media

Title
Reflection

Tags
191768, 0, 5, 2021-09-28 12:34:19

Learning Outcome
Articulate the value of analyzing literature and film for various purposes and audiences, including for professional and personal life.

ENGL 355 - (Engl-ClCv) Greek and Roman Classics and the English Tradition

Course Information

Teaching Area (new)
ENGL

Course Number
355

Teaching Area
ENGL

Course Title
(Engl-ClCv) Greek and Roman Classics and the English Tradition

Course Description
Major works by such authors as Homer, the Greek and Roman tragedians, Thucydides, Vergil, and Petronius in English translation, emphasizing their influence on English and American literature.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ENGL 356 - Myth, Legend, and Folktale

Course Information

Teaching Area (new)
ENGL

Course Number
356

Teaching Area
ENGL

Course Title
Myth, Legend, and Folktale

Course Description
Major mythic and legendary works that provide background for the literary tradition.

Department
English

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Critical Analysis

Tags
211538, 0, 1, 2021-09-28 12:47:46

Learning Outcome
Read, write, and speak critically and analytically about representative texts and trends in myth, legend, and folktale over time and place.

Title
Research and Writing

Tags
211539, 0, 2, 2021-09-28 12:47:46

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Comparative Method

Tags
211540, 0, 3, 2021-09-28 12:47:46

Learning Outcome
Identify and discuss critically the commonalities and differences in myth, legend, and folktale.

Title
Reflection

Tags
211541, 0, 4, 2021-09-28 12:47:46

Learning Outcome
Articulate the value of analyzing myth, legend, and folktale for various purposes and audiences, including for professional and personal life.

ENGL 357R - Literature, Ethics, and Values

Course Information

Teaching Area (new)
ENGL

Course Number
357R

Teaching Area
ENGL

Course Title
Literature, Ethics, and Values

Course Description
Study of how literature conveys ethics and values as well as the ways in which ethics and values animate the study of literature.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Ethics and Values in Literature

Tags
211466, 0, 1, 2021-09-28 12:35:13

Learning Outcome
Articulate how literary texts convey ethics and values as well as how individual ethics and value systems inform and are informed by the study of literature.

Title
Research and Writing

Tags
211467, 0, 2, 2021-09-28 12:35:13

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

ENGL 368 - Literature of the Latter-day Saints

Course Information

Teaching Area (new)
ENGL

Course Number
368

Teaching Area
ENGL

Course Title
Literature of the Latter-day Saints

Course Description
Fiction, poetry, drama, folklore, personal essay, and other literature emerging from the LDS experience and expressing various perspectives on it.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Critical Literary Analysis

Tags
211546, 0, 1, 2021-09-28 12:48:38

Learning Outcome
Read, write, and speak critically and analytically about representative texts associated with the Latter-day Saints.

Title
Literary History and Context

Tags
211547, 0, 2, 2021-09-28 12:48:38

Learning Outcome
Interpret, analyze, and synthesize historical periods, representative authors, and genres of a range of LDS literary expression.

Title
Reflection

Tags
211548, 0, 3, 2021-09-28 12:48:38

Learning Outcome
Articulate the value and relevance of analyzing LDS literary expression for various purposes and audiences, including for professional and personal life.

Title
Research and Writing

Tags
211549, 0, 4, 2021-09-28 12:48:38

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

ENGL 369R - Transnational Literature before 1800

Course Information

Teaching Area (new)
ENGL

Course Number
369R

Teaching Area
ENGL

Course Title
Transnational Literature before 1800

Course Description
Period-specific course, before 1800, using transnational models for literary analysis. Involves selected texts in a transnational context and in the light of applicable theoretical approaches.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND

Learning Outcomes

Title
Critical Literary Analysis

Tags
211468, 0, 1, 2021-09-28 12:36:22

Learning Outcome
Read, write, and speak critically and analytically about transnational literature before 1800.

Title
Literary History and Context

Tags
211469, 0, 2, 2021-09-28 12:36:22

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of transnational texts before 1800.

Title
Research and Writing

Tags
211470, 0, 3, 2021-09-28 12:36:22

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211471, 0, 4, 2021-09-28 12:36:22

Learning Outcome
Articulate the value of analyzing transnational literature for various purposes and audiences, including for professional and personal life.

ENGL 370R - Transnational Literature after 1800

Course Information

Teaching Area (new)
ENGL

Course Number
370R

Teaching Area
ENGL

Course Title
Transnational Literature after 1800

Course Description
Period-specific course, after 1800, using transnational models for literary analysis. Involves selected texts in a transatlantic context and in the light of applicable theoretical approaches.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 292 - British Literary History 2
  AND ENGL 293 - American Literary History
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 294 - Transatlantic Literary History
  AND ENGL 303 - Writing Literary Criticism

Learning Outcomes

Title
Critical Literary Analysis

Tags
211472, 0, 1, 2021-09-28 12:36:38

Learning Outcome
Read, write, and speak critically and analytically about transnational literature after 1800.

Title
Literary History and Context

Tags
211473, 0, 2, 2021-09-28 12:36:38

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of transnational texts after 1800.

Title
Research and Writing

Tags
211474, 0, 3, 2021-09-28 12:36:38

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211475, 0, 4, 2021-09-28 12:36:38

Learning Outcome
Articulate the value of analyzing transnational literature for various purposes and audiences, including for professional and personal life.

ENGL 377 - Teaching English in Secondary Schools

Course Information

Teaching Area (new)
ENGL

Course Number
377

Teaching Area
ENGL

Course Title
Teaching English in Secondary Schools

Course Description
Theories and methods of teaching English and language arts to secondary school students.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Other Prerequisites
concurrent enrollment in Engl 379

Note
To be taken immediately before student teaching or interning.

Learning Outcomes

Title
Lesson Planning

Tags
191406, 1

Learning Outcome
Students will be able to write effective lesson plans with clear objectives and appropriate activities and assessments that promote and measure the desired learning for a variety of learners in an English/language arts classroom.

Title
Unit Planning

Tags
191407, 2

Learning Outcome
Students will be able to develop a unit plan that shows the ability to integrate all areas of language arts; to correlate unit goals, activities, and assessments; and to show understanding of current best practice.

Title
Professionalism

Tags
191408, 3

Learning Outcome
Students will be able to establish patterns for future professional practices by accessing and evaluating ideas in professional journals and conference presentations.

Title
Context and Assessment

Tags
191409, 4

Learning Outcome
Students will be able to show how context influences good instructional decisions and how a variety of assessments can foster student learning as well as measure it for diverse students.

Title
Reflection

Tags
191410, 5

Learning Outcome
Students will be develop their ability to improve as teachers in the future by reflecting on their teaching experiences through both talk and writing.

Title
Read Critically

Tags
191411, 6

Learning Outcome
Students will be able to analyze readings to extract main ideas, synthesize readings with their own ideas/experiences and those of others in the classroom, and reach well-supported conclusions.

ENGL 378 - Teaching Literature and Reading in Secondary Schools.

Course Information

Teaching Area (new)
ENGL

Course Number
378

Teaching Area
ENGL

Course Title
Teaching Literature and Reading in Secondary Schools.

Course Description
Theories and methods of teaching literature, reading, and related literacy skills in secondary English classes.

Department
English

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Recommended
Completion of all English major courses.

Note
Required before student teaching.

Learning Outcomes

Title
Principles of Reading and Literature

Tags
191412, 1

Learning Outcome
Students will be able to explain the basic principles of reading and literature.

Title
Pedagogy and Diagnosis

Tags
191413, 2

Learning Outcome
Students will be able to design and implement effective reading strategies that reinforce basic principles of reading and that enhance the understanding and appreciation of literature.

ENGL 379 - Practicum in Secondary English Teaching

Course Information

Teaching Area (new)
ENGL

Course Number
379

Teaching Area
ENGL

Course Title
Practicum in Secondary English Teaching

Course Description
Applying content and methods learned in Engl 377 in a school classroom.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Other Prerequisites

concurrent enrollment in Engl 377.

Learning Outcomes

Title
Contextual Factors in School Setting

Tags
191414, 2

Learning Outcome
Students will be able to analyze contextual factors in a school setting and discern instructional implications that arise from these factors.

Title
Learning Objectives

Tags
191415, 4

Learning Outcome
Students will write appropriate and effective learning objectives that are correlated with state standards and that serve to facilitate learning.

Title
Develop Assessments

Tags
191416, 6

Learning Outcome
Students will be able to develop assessments that measure the learning described in an objective.

Title
Make Adjustments

Tags
191417, 8

Learning Outcome
Students will plan for and make adjustments in their teaching, objectives, and assessments based on students' needs and classroom context.

Title
Establish Presence

Tags
191418, 10

Learning Outcome
Students will establish a teacher's presence in their teaching classrooms.

Title
Reflect and Critique

Tags
191419, 11

Learning Outcome
Students will reflect on and critique their own planning and teaching performance.

ENGL382 - Shakespeare

Course Information

Course Number
382

Teaching Area
ENGL

Course Title
Shakespeare

Course Description
Intensive reading, discussion, and (in some sections) viewing of plays from the comedy, tragedy, romance, and history genres.

Department
English

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 292 - British Literary History 2
  AND ENGL 293 - American Literary History

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 294 - Transatlantic Literary History

Note
For English majors and minors.

Learning Outcomes

Title
Secondary Scholarship

Tags
191349, 3

Learning Outcome
Develop familiarity with key secondary scholarship about and critical perspectives of Shakespeare's works.

Title
Literary Contexts

Tags
191798, 1

Learning Outcome
Explain the historical and literary contexts, genres and themes, and ethical dimensions of Shakespeare's representative works.

Title
Scholarly Research

Tags
191799, 4

Learning Outcome
Perform scholarly research on Shakespeare's works by identifying and evaluating primary and secondary sources, by formulating arguments conversant with these sources, and by articulating those arguments in formal academic writing.

Title
Critical Reading Strategies

Tags
191802, 2

Learning Outcome
Develop reading strategies that explore how texts are constructed to present a set of arguments (historical, aesthetic, etc) and use those critical reading skills to interpret the texts' concerns and to trace interrelationships among them.

ENGL 384R - Author Studies

Course Information

Teaching Area (new)
ENGL

Course Number
384R

Teaching Area
ENGL

Course Title
Author Studies

Course Description
In-depth study of one author's corpus and its attendant contexts, ideas, history, criticism, and scholarly discourse.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Literary History and Context

Tags
211476, 0, 1, 2021-09-28 12:37:01

Learning Outcome
Interpret, analyze, and synthesize the historical and literary contexts, genres and themes, and ethical dimensions of an author's life and representative works.

Title
Critical Conversation

Tags
211477, 0, 2, 2021-09-28 12:37:01

Learning Outcome
Discuss and apply significant secondary scholarship and critical perspectives on an author's works.

Title
Research and Writing

Tags
211478, 0, 3, 2021-09-28 12:37:01

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211479, 0, 4, 2021-09-28 12:37:01

Learning Outcome
Articulate the value of analyzing the chosen author for various purposes and audiences, including for professional and personal life.

ENGL 386R - British Literature before 1800

Course Information

Teaching Area (new)
ENGL

Course Number
386R

Teaching Area
ENGL

Course Title
British Literature before 1800

Course Description
Representative writers, genres, and literary trends of British literature before 1800.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1
  AND ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 291 - British Literary History 1

AND

Learning Outcomes

Title
Critical Literary Analysis

Tags
211480, 0, 1, 2021-09-28 12:37:20

Learning Outcome
Read, write, and speak critically and analytically about British literature before 1800.

Title
Literary History and Context

Tags
211481, 0, 2, 2021-09-28 12:37:20

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of British literature before 1800.

Title
Research and Writing

Tags
211482, 0, 3, 2021-09-28 12:37:20

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211483, 0, 4, 2021-09-28 12:37:20

Learning Outcome
Articulate the value of analyzing British literature for various purposes and audiences, including for professional and personal life.

ENGL 387R - British Literature after 1800

Course Information

Teaching Area (new)
ENGL

Course Number
387R

Teaching Area
ENGL

Course Title
British Literature after 1800

Course Description
Representative writers, genres, and literary trends of British literature after 1800.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism
  AND ENGL 292 - British Literary History 2

Learning Outcomes

Title
Critical Literary Analysis

Tags
211484, 0, 1, 2021-09-28 12:37:33

Learning Outcome
Read, write, and speak critically and analytically about British literature after 1800.

Title
Literary History and Context

Tags
211485, 0, 2, 2021-09-28 12:37:33

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of British literature after 1800.

Title
Research and Writing

Tags
211486, 0, 3, 2021-09-28 12:37:33

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211487, 0, 4, 2021-09-28 12:37:33

Learning Outcome
Articulate the value of analyzing British Literature for various purposes and audiences, including for professional and personal life.

ENGL 388R - American Literature before 1800

Course Information

Teaching Area (new)
ENGL

Course Number
388R

Teaching Area
ENGL

Course Title
American Literature before 1800

Course Description
Representative writers, genres, and literary trends of American literature before 1800.

Department
English

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- ENGL 293 - American Literary History
  AND ENGL 303 - Writing Literary Criticism

Learning Outcomes

Title
Critical Literary Analysis

Tags
211488, 0, 1, 2021-09-28 12:37:51

Learning Outcome
Read, write, and speak critically and analytically about American literature before 1800.

Title
Literary History and Context

Tags
211489, 0, 2, 2021-09-28 12:37:51

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of American literature before 1800.

Title
Research and Writing

Tags
211490, 0, 3, 2021-09-28 12:37:51

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211491, 0, 4, 2021-09-28 12:37:51

Learning Outcome
Articulate the value of analyzing American literature for various purposes and audiences, including for professional and personal life.

ENGL 389R - American Literature after 1800

Course Information

Teaching Area (new)
ENGL

Course Number
389R

Teaching Area
ENGL

Course Title
American Literature after 1800

Course Description
Representative writers, genres, and literary trends of American literature after 1800.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 293 - American Literary History

AND

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 294 - Transatlantic Literary History

AND

Learning Outcomes

Title
Critical Literary Analysis

Tags
211492, 0, 1, 2021-09-28 12:38:08

Learning Outcome
Read, write, and speak critically and analytically about American literature after 1800.

Title
Literary History and Context

Tags
211493, 0, 2, 2021-09-28 12:38:08

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of American literature after 1800.

Title
Research and Writing

Tags
211494, 0, 3, 2021-09-28 12:38:08

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211495, 0, 4, 2021-09-28 12:38:08

Learning Outcome
Articulate the value of analyzing American literature for various purposes and audiences, including for professional and personal life.

ENGL 391 - Introduction to Folklore

Course Information

Teaching Area (new)
ENGL

Course Number
391

Teaching Area
ENGL

Course Title
Introduction to Folklore

Course Description
Representative types of folklore and practical experience in collecting folklore.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Persuasive Analysis of Folklore Texts

Tags
191358, 0, 1, 2021-09-28 12:38:26

Learning Outcome
Create and share a persuasive analysis of folklore texts in context by using logical reasoning and critical analysis.

Title
Categories of Folklore, Folk Narrative, Folk Groups

Tags
191359, 0, 2, 2021-09-28 12:38:26

Learning Outcome
Identify three categories of folklore, four types of folk narrative, and eight folk groups.

Title
Folkloristic Observations

Tags
191360, 0, 3, 2021-09-28 12:38:26

Learning Outcome
Produce several brief folkloristic observations and document those observations using established formats.

Title
Recording and Archiving Local Traditions

Tags
191361, 0, 4, 2021-09-28 12:38:26

Learning Outcome
Identify and apply some methods of recording and archiving local traditions using moral discrimination, creative imagination, and independent thought.

Title
Perpetuating or Extinguishing Traditional Practices

Tags
191362, 0, 5, 2021-09-28 12:38:26

Learning Outcome
Explain the choices and forces that help perpetuate or extinguish traditional practices, both locally and globally.

Title
Theory of Folklore

Tags
191363, 0, 6, 2021-09-28 12:38:27

Learning Outcome
Identify the shaping functions and theory of folklore.

Title
Fieldwork Project

Tags
191364, 0, 7, 2021-09-28 12:38:27

Learning Outcome
Produce a focused fieldwork project which includes, among other requirements, an essay, collection, and consent forms created according to the William A. Wilson Folklore Archive.

ENGL 392 - American Folklore

Course Information

Teaching Area (new)
ENGL

Course Number
392

Teaching Area
ENGL

Course Title
American Folklore

Course Description
American folk art and literature and the historical and cultural circumstances from which they developed.

Department
English

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
ENGL 303 - Ways of Reading. (3) or ENGL 295 - Writing Literary Criticism. (3)

Learning Outcomes

Title
Categories of Folklore, Folk Narrative, and Folk Groups

Tags
191366, 0, 1, 2021-09-28 12:38:46

Learning Outcome
Identify three categories of folklore, four types of folk narrative, and eight folk groups.

Title
Documenting Folklore

Tags
191365, 0, 2, 2021-09-28 12:38:47

Learning Outcome
Identify and apply some methods of recording and archiving local traditions in order to analyze rigorously American texts and artifacts in context of the construction and transmission of the American experience.

Title
Differing Worldviews

Tags
191367, 0, 3, 2021-09-28 12:38:47

Learning Outcome
Relate worldview with the performance of traditions, comparing similarities and differences of groups with differing worldviews and obtaining a wider view of American history and diversity.

Title
Intelligent Reasoning

Tags
191368, 0, 4, 2021-09-28 12:38:47

Learning Outcome
Reason intelligently in oral and written discourse while allowing that traditions are meaningful to participants in places and times different from your present circumstances.

Title
Connecting Folklore Studies

Tags
191369, 0, 5, 2021-09-28 12:38:47

Learning Outcome
Work independently to connect folklore studies with other course work and life experiences and goals.

Title
Perpetuating or Extinguishing Traditional Practices

Tags
191370, 0, 6, 2021-09-28 12:38:47

Learning Outcome
Become engaged with personal, group, and aesthetic dynamics in the performance of traditions and question ethically the choices and forces that help perpetuate or extinguish traditional practices, both locally and globally.

ENGL 394R - Applied English

Course Information

Teaching Area (new)
ENGL

Course Number
394R

Teaching Area
ENGL

Course Title
Applied English

Course Description
Applying skills developed in the English major to a professional setting.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Translate

Tags
191910, 0, 1, 2021-09-28 12:39:07

Learning Outcome
Translate communication, research, collaborative, and/or analytical skills to a professional (or simulated professional) environment.

Title
Narrate

Tags
191911, 0, 2, 2021-09-28 12:39:07

Learning Outcome
Articulate the value of English-major skills for professional and personal life to a non-academic audience.

ENGL 395R - Studies in Literature

Course Information

Teaching Area (new)
ENGL

Course Number
395R

Teaching Area
ENGL

Course Title
Studies in Literature

Course Description
Topics vary.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
ENGL 291, 292, and 293; or ENGL 291 and 294.

Learning Outcomes

Title
Critical Literary Analysis

Tags
211550, 0, 1, 2021-09-28 12:49:06

Learning Outcome
Identify, locate, read critically, and analyze representative texts associated with the literature of the class theme.

Title
Research and Writing

Tags
211551, 0, 2, 2021-09-28 12:49:06

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211552, 0, 3, 2021-09-28 12:49:06

Learning Outcome
Articulate the value of analyzing literature for various purposes and audiences, including for professional and personal life.

ENGL 396R - Studies in Women's Literature

Course Information

Teaching Area (new)
ENGL

Course Number
396R

Teaching Area
ENGL

Course Title
Studies in Women's Literature

Course Description
Female-authored literary texts and literary theory concerning women.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
An elective course for the global women's studies minor.

Learning Outcomes

Title
Critical Literary Analysis

Tags
211496, 0, 1, 2021-09-28 12:39:49

Learning Outcome
Read, write, and speak critically and analytically about female-authored literary texts and literary theory concerning women.

Title
Literary History and Context

Tags
211497, 0, 2, 2021-09-28 12:39:49

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of women's literature.

Title
Research and Writing

Tags
211498, 0, 3, 2021-09-28 12:39:49

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211499, 0, 4, 2021-09-28 12:39:49

Learning Outcome
Articulate the value of analyzing women's literature for various purposes and audiences, including for professional and personal life

ENGL 397R - World Literatures in English

Course Information

Teaching Area (new)
ENGL

Course Number
397R

Teaching Area
ENGL

Course Title
World Literatures in English

Course Description
Study of the literature of a given world region or culture.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Learning Outcomes

Title
Ethical Relation

Tags
191968, 4

Learning Outcome
Through classroom activities and assignments, students articulate an increased appreciation for their own identities, a preparedness to read the world literature throughout their lives, and a deeper sense of their responsibilities to fellow Latter-day Saints around the world.

Title
Critical Literary Analysis

Tags
191965, 0, 1, 2021-09-28 12:40:02

Learning Outcome
Read, write, and speak critically and analytically about literature from a specific world region or culture.

Title
Literary History and Context

Tags
191966, 0, 2, 2021-09-28 12:40:02

Learning Outcome
Interpret, analyze, and synthesize the historical literary traditions, representative authors, and genres of literature from a specific world region or culture.

Title
Reflection

Tags
191967, 0, 3, 2021-09-28 12:40:02

Learning Outcome
Articulate the value of analyzing world literatures in English for various purposes and audiences, including for professional and personal life

ENGL 399R - Academic Internship

Course Information

Teaching Area (new)
ENGL

Course Number
399R

Teaching Area
ENGL

Course Title
Academic Internship

Course Description
On-the-job training.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of cooperative education coordinator

Note
An APPROVED Internship Application is required before adding. See English internship coordinator for pre-approval.

Learning Outcomes

Title
Skills

Tags
191692, 0, 1, 2021-09-28 12:40:13

Learning Outcome
Demonstrate developing skills and expertise in a professional setting.

Title
Professionalization

Tags
191906, 0, 2, 2021-09-28 12:40:13

Learning Outcome
Articulate the portability of the skills developed in the English major and the value of these skills in the marketplace.

Title
Career Consideration

Tags
191703, 0, 3, 2021-09-28 12:40:13

Learning Outcome
Describe the positives and negatives of a career in the area of the internship.

ENGL 417 - Creative Writing Capstone: Nonfiction

Course Information

Teaching Area (new)
ENGL

Course Number
417

Teaching Area
ENGL

Course Title
Creative Writing Capstone: Nonfiction

Course Description
Advanced writing workshop in creative nonfiction.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 317R - Writing Creative Nonfiction

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 318R - Writing Fiction

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 319R - Writing Poetry

OR

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 320R - Writing for Children and Adolescents

Learning Outcomes

Title
Analyzing Literary Models

Tags
211500, 0, 1, 2021-09-28 12:40:25

Learning Outcome
Read and analyze creative writing models, with an eye toward technique and craft.

Title
Applying Theory

Tags
211501, 0, 2, 2021-09-28 12:40:25

Learning Outcome
Apply critical theory to their creative writing.

Title
Writing from Literary Models

Tags
211502, 0, 3, 2021-09-28 12:40:25

Learning Outcome
Write creative nonfiction using literary and critical models.

Title
Revising, Editing, and Sharing

Tags
211503, 0, 4, 2021-09-28 12:40:25

Learning Outcome
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

ENGL 418 - Creative Writing Capstone: Fiction

Course Information

Teaching Area (new)
ENGL

Course Number
418

Teaching Area
ENGL

Course Title
Creative Writing Capstone: Fiction

Course Description
Advanced writing workshop in fiction.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- ENGL 218 - Creative Writing
  AND ENGL 317R - Writing Creative Nonfiction

OR

Prerequisites

Complete ALL of the following Courses:
- ENGL 218 - Creative Writing
  AND ENGL 318R - Writing Fiction

OR

Prerequisites

Complete ALL of the following Courses:
- ENGL 218 - Creative Writing
  AND ENGL 319R - Writing Poetry

OR

Complete ALL of the following Courses:
- ENGL 218 - Creative Writing
  AND ENGL 320R - Writing for Children and Adolescents

Learning Outcomes

Title
Applying Theory

Tags
211505, 0, 2, 2021-09-28 12:40:37

Learning Outcome
Apply critical theory to their creative writing.

Title
Writing

Tags
211506, 0, 3, 2021-09-28 12:40:37

Learning Outcome
Write fiction using literary and critical models.

Title
Revising, Editing, and Sharing

Tags
211507, 0, 4, 2021-09-28 12:40:37

Learning Outcome
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

Title
Analyze Literary Models Models

Tags
211504, 0, 1, 2021-09-28 12:40:37

Learning Outcome
Read and analyze creative writing models, with an eye toward technique and craft.

ENGL 419 - Creative Writing Capstone: Poetry

Course Information

Teaching Area (new)
ENGL

Course Number
419

Teaching Area
ENGL

Course Title
Creative Writing Capstone: Poetry

Course Description
Advanced writing workshop in poetry.

Department
English

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 317R - Writing Creative Nonfiction

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 318R - Writing Fiction

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 319R - Writing Poetry

OR

Complete ALL of the following Courses:

- ENGL 218 - Creative Writing
  AND ENGL 320R - Writing for Children and Adolescents

Learning Outcomes

Title
Analyzing Literary Models

Tags
211508, 0, 1, 2021-09-28 12:41:47

Learning Outcome
Read and analyze creative writing models, with an eye toward technique and craft.

Title
Applying Theory

Tags
211509, 0, 2, 2021-09-28 12:41:47

Learning Outcome
Apply critical theory to their creative writing.

Title
Writing

Tags
211510, 0, 3, 2021-09-28 12:41:47

Learning Outcome
Write poetry using literary and critical models.

Title
Revising, Editing, and Sharing

Tags
211511, 0, 4, 2021-09-28 12:41:47

Learning Outcome
Revise intelligently, edit carefully, share writing in both academic and professional settings, and prepare writing for publication.

ENGL 420 - Young Adult Literature

Course Information

Teaching Area (new)
ENGL

Course Number
420

Teaching Area
ENGL

Course Title
Young Adult Literature

Course Description
Literature written for or read by teenagers.

Department
English

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or instructor permission.

Note
Required before student teaching. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Scholarship in YA literature

Tags
191960, 6

Learning Outcome
Students will demonstrate an in-depth knowledge of YA literature and its scholarship.

Title
Critical Analysis

Tags
191693, 0, 1, 2021-09-28 12:42:02

Learning Outcome
Read, write, and speak critically and analytically about a broad range of Young Adult books, authors, and genres.

Title
Selection of YA Literature

Tags
191668, 0, 2, 2021-09-28 12:42:02

Learning Outcome
Select appropriate, quality YA books for classroom, school, and personal use.

Title
Reflection

Tags
191373, 0, 4, 2021-09-28 12:42:02

Learning Outcome
Articulate the value of analyzing YA literature for various purposes and audiences, including for professional and personal life.

ENGL 423 - Teaching Composition in Secondary Schools

Course Information

Teaching Area (new)
ENGL

Course Number
423

Teaching Area
ENGL

Course Title
Teaching Composition in Secondary Schools

Course Description
Theories and methods of teaching writing to secondary school students.

Department
English

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Note
Required before student teaching.

Learning Outcomes

Title
Effective Assessments

Tags
191420, 1

Learning Outcome
Students will be able to design effective assessments for a variety of writing tasks and articulate a philosophy for grading.

Title
Reflective Practice

Tags
191421, 3

Learning Outcome
Students will develop their abilities to be reflective practitioners who evaluate their own writing, writing processes, and instructional practices.

ENGL 426 - Digital Literacies & Technology in Secondary Schools

Course Information

Teaching Area (new)
ENGL

Course Number
426

Teaching Area
ENGL

Course Title
Digital Literacies & Technology in Secondary Schools

Course Description
Theories and methods of teaching digital literacies and integrating technology in secondary English classrooms.\n

Department
English

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

ENGL 430 - Creative Writing Professional Practices

Course Information

Course Number
430

Teaching Area
ENGL

Course Title
Creative Writing Professional Practices

Course Description
Preparation for professional opportunities in creative writing, including editing, publishing, and teaching.

Department
English

When Taught
Fall

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
ENGL 218

Learning Outcomes

Title
Career Preparation

Learning Outcome
Articulate the value of creative writing studies to a range of career paths, including publishing, editing, and teaching

Title
Lifelong Learning

Learning Outcome
Apply writing expertise in professional and non-professional environments to improve personal, spiritual, and public life

ENGL 450R - Studies in Literary Criticism and Theory

Course Information

Teaching Area (new)
ENGL

Course Number
450R

Teaching Area
ENGL

Course Title
Studies in Literary Criticism and Theory

Course Description
Focused study of the history of theory and criticism or of current theoretical and conceptual approaches to literature.

Department
English

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
ENGL 291, 292, and 293; or ENGL 291 and 294

Learning Outcomes

Title
Theory

Tags
211512, 0, 1, 2021-09-28 12:42:13

Learning Outcome
Analyze and demonstrate a sound understanding of primary and secondary documents related to a theoretical or conceptual approach to literature.

Title
Research and Writing

Tags
211513, 0, 2, 2021-09-28 12:42:13

Learning Outcome
Craft research-based arguments informed by and conversant with a theoretical or conceptual approach to literature and articulate those arguments in formal academic writing.

Title
Reflection

Tags
211514, 0, 3, 2021-09-28 12:42:13

Learning Outcome
Articulate the value of studying literary criticism and theory for various purposes and audiences, including for professional and personal life.

ENGL 476 - Secondary English Student Teaching

Course Information

Teaching Area (new)
ENGL

Course Number
476

Teaching Area
ENGL

Course Title
Secondary English Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Engl 377. Concurrent enrollment in Engl 479.

Learning Outcomes

Title
Student Teaching

Tags
191422, 1

Learning Outcome
Student teachers will successfully complete his or her student teaching.

Title
Core Guidelines

Tags
191423, 2

Learning Outcome
Student teachers will successfully demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

Title
Classroom Management

Tags
191424, 4

Learning Outcome
Student teachers will learn and practice effective classroom management skills.

Title
Professionalism

Tags
191425, 6

Learning Outcome
Student teachers will practice and demonstrate professional educational behavior.

ENGL 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
ENGL

Course Number
477R

Teaching Area
ENGL

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
English

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

ENGL 479 - Secondary Student Teaching Seminar

Course Information

Teaching Area (new)
ENGL

Course Number
479

Teaching Area
ENGL

Course Title
Secondary Student Teaching Seminar

Course Description
Issues experienced during secondary student teaching practicum.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENGL 377 - Teaching English in Secondary Schools **AND** ENGL 378 - Teaching Literature and Reading in Secondary Schools.

Other Prerequisites
concurrent enrollment in Engl 476 or 496R

Learning Outcomes

Title
Application

Tags
191426, 1

Learning Outcome
Students teachers and interns will be able to apply the topics presented in the seminar to their own teaching experience. University supervisors will observe the various applications such as classroom management, managing the paper load, using young adult literature, supporting English Language Learners, etc.

Title
Teacher Work Sample

Tags
191427, 3

Learning Outcome
Student teachers and interns will be able to produce a full, 7-part reflective Teacher Work Sample to demonstrate their understanding and effectiveness as a classroom teacher.

Title
Ability to Teach

Tags
191428, 5

Learning Outcome
Student teachers and interns will demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

Title
Enter Material Evidence

Tags
191429, 7

Learning Outcome
Student teachers and interns will be able to correctly and in a timely manner enter the required material evidence of their semester's performance and teaching on the Education Department's LiveText (or whatever system is in place at the required time).

ENGL 480R - Directed Research in English

Course Information

Teaching Area (new)
ENGL

Course Number
480R

Teaching Area
ENGL

Course Title
Directed Research in English

Course Description
Directed research for mentorship grant recipients, research assistants, and other undergraduate students pursuing research projects.

Department
English

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department chair's consent

Learning Outcomes

Title
Critical Literary Analysis

Tags
211515, 0, 1, 2021-09-28 12:42:32

Learning Outcome
Read, write, and speak critically and analytically about an area of focused research.

Title
Research and Writing

Tags
211516, 0, 2, 2021-09-28 12:42:32

Learning Outcome
Develop an effective, polished written argument that draws upon independent research in relevant digital and print sources.

Title
Reflection

Tags
211517, 0, 3, 2021-09-28 12:42:32

Learning Outcome
Articulate the value of the focused research for various purposes and audiences, including for professional and personal life.

ENGL 490R - Individual Readings in English

Course Information

Teaching Area (new)
ENGL

Course Number
490R

Teaching Area
ENGL

Course Title
Individual Readings in English

Course Description
Language and/or literature beyond what is offered in the curriculum.

Department
English

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department chair's consent

Note
May not be substituted for another catalog course.

Learning Outcomes

Title
Individual Readings

Tags
211518, 0, 1, 2021-09-28 12:42:44

Learning Outcome
Complete readings and assignments as designed by your faculty mentor.

ENGL 493 - Literary Media and Cultures Senior Capstone

Course Information

Course Number
493

Teaching Area
ENGL

Course Title
Literary Media and Cultures Senior Capstone

Course Description
In-depth study of a focused area of literary media, culture and theory or criticism. Content varies: requires research and writing.

Department
English

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Senior status

Learning Outcomes

Title
Anaylsis and Critical Conversation

Learning Outcome
Contribute to the critical conversation about a particular disciplinary topic or issue by writing and speaking in an in-depth, competent manner about the area.

Title
Research and Writing

Learning Outcome
Craft an independent, original, and sophisticated research project that is 1) contextualized in the critical conversation, 2) adapted to the needs and expectations of a real audience, such as a specific journal or graduate admissions committee.

Title
Reflection

Learning Outcome
Using specific examples, articulate the value of the competencies associated with educational experiences in literary media studies for personal, spiritual, professional, and public life.

ENGL 494 - Professional Writing and Communication Senior Capstone

Course Information

Teaching Area (new)
ENGL

Course Number
494

Teaching Area
ENGL

Course Title
Professional Writing and Communication Senior Capstone

Course Description
In-depth study of a focused area of writing and rhetoric. Content varies; requires research and writing.

Department
English

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Senior status

Learning Outcomes

Title
Analysis and Critical Conversation

Tags
213783, 0, 1, 2023-08-29 08:57:35

Learning Outcome
Apply historical and theoretical frameworks to contextualizing and producing communication projects.

Title
Research and Production

Tags
213784, 0, 2, 2023-08-29 08:57:38

Learning Outcome
Working individually or collaboratively, craft a research-based project that communicates in two or more modes (written, oral, visual, and electronic) to a specific audience (public, scholarly, and/or professional).

Title
Reflection

Tags
213785, 0, 3, 2023-08-29 08:57:39

Learning Outcome
Reflect on and articulate the value and adaptability of the competencies associated with educational experiences in English studies for personal, spiritual, professional, and public life.

ENGL 495 - Literary Studies Senior Capstone

Course Information

Teaching Area (new)
ENGL

Course Number
495

Teaching Area
ENGL

Course Title
Literary Studies Senior Capstone

Course Description
In-depth study of a focused area of literature and theory or criticism. Content varies; requires research and writing.

Department
English

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ENGL 303 - Writing Literary Criticism

Other Prerequisites
Senior status

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Analysis and Critical Conversation

Tags
191382, 0, 1, 2021-09-28 12:43:17

Learning Outcome
Contribute to the critical conversation about a particular disciplinary topic or issue by writing and speaking in an in-depth, competent manner about that area.

Title
Research and Writing

Tags
191383, 0, 2, 2021-09-28 12:43:17

Learning Outcome
Craft an independent, original, and sophisticated research project that is 1) contextualized in the critical conversation, 2) adapted to the needs and expectations of a real audience, such as a specific journal or graduate admissions committee.

Title
Reflection

Learning Outcome
Using specific examples, articulate the value of the competencies associated with educational experiences in literary media studies for personal, spiritual, professional, and public life.

ENGL 496R - Secondary English Teaching Internship

Course Information

Teaching Area (new)
ENGL

Course Number
496R

Teaching Area
ENGL

Course Title
Secondary English Teaching Internship

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards.

Department
English

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- grade in Engl 377. Concurrent enrollment in Engl 479.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
191430, 1

Learning Outcome
Interns will successfully complete his or her assigned internship.

Title
Core Guidelines

Tags
191431, 2

Learning Outcome
Interns will successfully demonstrate their ability to teach using state core guidelines and also their ability to plan and use effective units.

Title
Classroom Management

Tags
191432, 4

Learning Outcome
Interns will learn and practice effective classroom management skills.

Title
Professionalism

Tags
191433, 6

Learning Outcome
Interns will practice and demonstrate professional educational behavior.

ENGL 520R - Studies in Theme and Form

Course Information

Teaching Area (new)
ENGL

Course Number
520R

Teaching Area
ENGL

Course Title
Studies in Theme and Form

Course Description
Topics vary: literature and film, myth and archetype, science fiction, etc.

Department
English

When Taught
Spring Term

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Current Issues in Theme and Form

Tags
191461, 2

Learning Outcome
Students in English 520R will identify and critique major texts, issues, and debates from the study of various topics of theme and form (including topics like literature and film, myth and archetype, science fiction, etc.).

Title
Conference-Length Paper

Tags
191462, 4

Learning Outcome
Students will produce a conference-length paper on these topics suitable for professional presentation.

ENGL 590R - Directed Readings

Course Information

Teaching Area (new)
ENGL

Course Number
590R

Teaching Area
ENGL

Course Title
Directed Readings

Course Description
Individual readings beyond what is offered in the curriculum.

Department
English

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Graduate advisory committee approval

Note
Primarily available for English graduate students in Study Abroad programs.

Learning Outcomes

Title
Conference-Length Paper from Individualized Readings

Tags
191463, 0, 2

Learning Outcome
Students in English 590R will, subject to the approval of a course contract by the department graduate studies committee,study under a faculty member's supervision individualized readings beyond what is offered in the curriculum. This study should help the study to resourcefully incorporate major texts, issues, and debates from these readings into the formation of a conference-length conference paper suitable for professional presentation.

Title
Individual Faculty-Guided Study

Tags
191676, 4

Learning Outcome
Students in English 590R will identify (subject to prior approval by the department graduate advisory committee) major texts, issues, and debates from the study of individual readings beyond what is offered in the curriculum under the direction of a faculty member.

Title
Conference-Length Paper (or Its Approved Equivalent)

Tags
191686, 3

Learning Outcome
Students in English 590R will produce a conference-length paper suitable for professional presentation (or its approved equivalent).

ENGL 599R - Academic Internship

Course Information

Teaching Area (new)
ENGL

Course Number
599R

Teaching Area
ENGL

Course Title
Academic Internship

Course Description
On-the-job training.

Department
English

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department chair's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Recognize Skills

Tags
191674, 10

Learning Outcome
Students will recognize the portability of the skills they have developed English majors and the value of these skills in the marketplace.

Title
Face Challenges

Tags
191681, 4

Learning Outcome
Students will meet the challenges of their internship.

Title
Skills

Tags
191698, 1

Learning Outcome
Students will track their progress as they develop the skills and expertise required by their internship.

Title
Career Consideration

Tags
191708, 7

Learning Outcome
Students will consider the positives and negatives of a career in the area of their internship.

ENGL 599R - Internship in Professional Community

Course Information

Teaching Area (new)
ENGL

Course Number
599R

Teaching Area
ENGL

Course Title
Internship in Professional Community

Department
English

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Skills

Tags
191888, 1

Learning Outcome
Students will track their progress as they develop the skills and expertise required by their internship.

Title
Face Challenges

Tags
191889, 2

Learning Outcome
Students will meet the challenges of their internship.

Title
Career Consideration

Tags
191890, 3

Learning Outcome
Students will consider the positives and negatives of a career in the area of their internship.

Title
Recognize Skills

Tags
191891, 4

Learning Outcome
Students will recognize the portability of the skills they have developed English majors and the value of these skills in the marketplace.

ENT 101 - Introduction to Entrepreneurship

Course Information

Teaching Area (new)
ENT

Course Number
101

Teaching Area
ENT

Course Title
Introduction to Entrepreneurship

Course Description
Is entrepreneurship for you? Basics of entrepreneurship, its importance to society, opportunities to pursue a startup company, and impact on future careers.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain Benefits of Entrepreneurship

Tags
211415, 0, 1

Learning Outcome
Students will be able to explain the history and social benefits of entrepreneurship in American history and society.

Title
Principles of Entrepreneurship

Tags
211416, 0, 2

Learning Outcome
Students will be able to identify, describe, and apply various principles of entrepreneurship.

Title
Entrepreneurial Confidence

Tags
211417, 0, 3

Learning Outcome
Students will demonstrate entrepreneurial confidence by engaging in entrepreneurial activities.

Title
Describes Various Forms of Entrepreneurship

Tags
211418, 0, 4

Learning Outcome
Students will be able to identify and describe different forms of entrepreneurship and the value and purpose of each form (e.g., 0 - 1, acquistion, life-style, family business, etc.)

ENT 113 - Startup Bootcamp

Course Information

Teaching Area (new)
ENT

Course Number
113

Teaching Area
ENT

Course Title
Startup Bootcamp

Course Description
Learn and apply the basic skills to create a startup company. Work in teams to identify entrepreneurial opportunities and develop innovative solutions. Interact with real customers to validate business assumptions.

Department
Management

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Opportunity Discovery

Learning Outcome
Identify unmet customer needs and generate entrepreneurial opportunities through customer interaction

Title
Hypothesis Testing

Learning Outcome
Formulate and test business assumptions using lean startup methods and real-world data collection.

Title
Customer Validation

Learning Outcome
Evaluate evidence from customers to validate or invalidate assumptions and pivot solutions based on data-driven insights.

Title
Team Collaboration

Learning Outcome
Work effectively in teams to design and present entrepreneurial solutions, applying principles of communication, accountability, and mutual respect.

Title
Ethical Leadership

Learning Outcome
Demonstrate integrity, character, and Christlike leadership in entrepreneurial practice by respecting customers, stewarding resources wisely, and applying faith and intellect to pursue opportunities that create value for others

Title
Lifelong Learning

Learning Outcome
Reflect on the entrepreneurial process as preparation for ongoing learning and service in diverse contexts

ENT 300 - Fundamentals of Starting a Business

Course Information

Teaching Area (new)
ENT

Course Number
300

Teaching Area
ENT

Course Title
Fundamentals of Starting a Business

Course Description
Practical aspects of business formation and growth; create and launch a business and generate revenue under the guidance of course faculty.

Department
Management

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Primarily for students not in the BYU Marriott School of Business.

Learning Outcomes

Title
Founding Team

Tags
211429, 0, 2

Learning Outcome
Organize a team of founders to create a business venture

Title
Entrepreneurial Management

Tags
211432, 0, 5, 2021-09-23 11:29:44

Learning Outcome
Employ principles of entrepreneurial management to organize, start and grow a business

Title
Generate Revenue

Tags
211433, 0, 6, 2021-09-23 11:29:44

Learning Outcome
Launch and run a new venture that generates revenue

ENT 301 - Business Model Ideation & Validation

Course Information

Teaching Area (new)
ENT

Course Number
301

Teaching Area
ENT

Course Title
Business Model Ideation & Validation

Course Description
Create a successful new venture by validating an initial idea and subsequent business model.

Department
Management

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Primarily for students not in the BYU Marriott School of Business.

Learning Outcomes

Title
Generate Creative New Ideas

Tags
176309, 0, 0, 2020-06-23 13:51:01

Learning Outcome
Think creatively and generate new ideas to solve customer pains and problems

Title
Validate Entrepreneurial Opportunities

Tags
176121, 0, 1, 2020-06-23 13:51:01

Learning Outcome
Evaluate desirability, feasibility, and viability of potential new ventures through rigorous hypothesis testing.

Title
Evaluate Business Ideas

Tags
176310, 0, 2, 2020-06-23 13:51:01

Learning Outcome
Develop and evaluate business models to take a new idea to market

ENT 302 - Legal Issues in Entrepreneurship

Course Information

Teaching Area (new)
ENT

Course Number
302

Teaching Area
ENT

Course Title
Legal Issues in Entrepreneurship

Course Description
Legal risks faced by entrepreneurs. How to plan for and avoid legal problems including forming the business, legal liability, and protecting assets.

Department
Management

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only. (Not for Accounting or Finance majors.)

Learning Outcomes

Title
Limiting liability

Tags
177039, 3

Learning Outcome
Identify sources of business liability and how to limit it.

Title
Sustaining ethical values

Tags
177040, 4

Learning Outcome
Develop and sustain a sense of ethical values.

Title
Strategic uses of the law

Tags
177137, 2

Learning Outcome
Use the law as a strategic tool.

Title
Understanding contracts and obligations

Tags
177149, 1

Learning Outcome
demonstrate an understanding of contracts and obligations and how to manage them.

ENT 323 - Entrepreneurial Sales & Persuasion

Course Information

Teaching Area (new)
ENT

Course Number
323

Teaching Area
ENT

Course Title
Entrepreneurial Sales & Persuasion

Course Description
This course focuses on fundamentals of human persuasion and sales in the early stages of business (new ventures, startups, and growth companies). These include the skills practiced by accomplished salespeople to navigate the different steps of a sale, grounded in an understanding of purchase decisions. It also addresses persuasion in the context of raising capital, recruiting and motivating employees, and establishing partnerships. The importance of ethics and creativity throughout selling process are addressed as well.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ENT 326 - Career Development and Student Mentoring

Course Information

Teaching Area (new)
ENT

Course Number
326

Teaching Area
ENT

Course Title
Career Development and Student Mentoring

Course Description
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.\n

Department
Management

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
For Entrepreneurial Management majors only.

ENT 328 - Entrepreneurial Digital Marketing

Course Information

Course Number
328

Teaching Area
ENT

Course Title
Entrepreneurial Digital Marketing

Course Description
Digital marketing for entrepreneurs: acquire first customers using SEO, social media, email marketing, and online ads. Emphasizes strategies to build awareness, validate markets, improve conversion, and grow revenue for new ventures.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Digital Marketing Tools

Learning Outcome
Identify and evaluate key digital marketing tools (SEO, social media, email, online advertising) and their role in acquiring first customers for new ventures.

Title
Campaign Design

Learning Outcome
Design and implement a basic digital marketing campaign tailored to a startup's limited resources, emphasizing rapid iteration and measurable outcomes.

Title
Data-Driven Adaptation

Learning Outcome
Analyze campaign data to assess customer acquisition effectiveness and adapt strategies to improve conversion and early-stage growth.

Title
Entrepreneurial Judgment

Learning Outcome
Apply entrepreneurial judgment in balancing creativity, cost, and ethics when selecting and using digital marketing practices.

Title
Ethical & Mission-Driven Leadership

Learning Outcome
Demonstrate Christlike leadership and integrity in digital outreach by respecting audiences, promoting truth in advertising, and using digital platforms responsibly

ENT 352 - Entrepreneurship Through Acquisition

Course Information

Course Number
352

Teaching Area
ENT

Course Title
Entrepreneurship Through Acquisition

Course Description
Entrepreneurial acquisition of existing businesses. Identify, evaluate, and pursue opportunities through search, due diligence, negotiation, and financing. Includes franchising and development of a personalized acquisition strategy for business ownership.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Acquisition Landscape

Learning Outcome
Describe and evaluate the role of acquisition as a pathway to entrepreneurship, including search funds, independent sponsors, and franchising models.

Title
Opportunity Identification

Learning Outcome
Develop and apply search strategies to identify potential acquisition targets aligned with entrepreneurial goals.

Title
Due Diligence

Learning Outcome
Analyze financial, operational, and market information to assess risks and opportunities in potential acquisitions.

Title
Deal Structuring

Learning Outcome
Evaluate and negotiate deal terms and funding strategies to design viable acquisition proposals.

Title
Personalized Strategy

Learning Outcome
Create a self-assessed acquisition plan that integrates individual strengths, values, and career objectives into actionable search and acquisition criteria.

Title
Ethical & Mission-Driven Leadership

Learning Outcome
Demonstrate integrity and Christlike leadership in acquisition processes by promoting fairness and transparency

ENT 381 - Entrepreneurship Lecture Series

Course Information

Teaching Area (new)
ENT

Course Number
381

Teaching Area
ENT

Course Title
Entrepreneurship Lecture Series

Course Description
Lectures about entrepreneurship by successful entrepreneurs.

Department
Management

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

ENT 382 - Technology Entrepreneurship Lecture Series

Course Information

Teaching Area (new)
ENT

Course Number
382

Teaching Area
ENT

Course Title
Technology Entrepreneurship Lecture Series

Course Description
Lectures about technology entrepreneurship by successful entrepreneurs.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Entrepreneurship Types

Tags
176276, 0, 0

Learning Outcome
Identify and describe various approaches to entrepreneurship, with a focus on technology related entrepreneurial ventures.

Title
Entrepreneurship & Your Career Path

Tags
176277, 0, 1

Learning Outcome
Assess the relevance of various approaches to entrepreneurship for your career path, with a focus on technology related entrepreneurial ventures.

Title
Test Principles of Entrepreneurship

Tags
176163, 0, 3

Learning Outcome
Test principles of entrepreneurship, with a focus on technology related entrepreneurial ventures, that may apply in your own life to discover what works for you.

ENT 401 - Entrepreneurial Innovation

Course Information

Teaching Area (new)
ENT

Course Number
401

Teaching Area
ENT

Course Title
Entrepreneurial Innovation

Course Description
Finding and validating ideas for innovative new ventures with a focus on customer pain, elegant solutions, and markets.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors.

Learning Outcomes

Title
Create Elegant Solutions

Tags
177112, 4

Learning Outcome
Apply principles of design to create and validate elegant solutions to customers' problems.

Title
Formulate and Prioritize Hypotheses

Tags
177113, 3

Learning Outcome
Identify and prioritize assumptions about customers, their problems, and new solutions.

Title
Understand Customers and Competitive Contexts

Tags
177114, 2

Learning Outcome
Develop rich descriptions of customers' experiences with a specific problem and the performance of existing solutions.

Title
Validate Entrepreneurial Opportunities

Tags
177135, 5

Learning Outcome
Evaluate desirability, feasibility, and viability of potential new ventures through rigorous hypothesis testing.

Title
Generate Creative New Ideas

Tags
177136, 1

Learning Outcome
Demonstrate your ability to think creatively and generate new ideas.

ENT 402 - Entrepreneurship Analytics

Course Information

Teaching Area (new)
ENT

Course Number
402

Teaching Area
ENT

Course Title
Entrepreneurship Analytics

Course Description
Analysis of expected profitability of startups. Students collect and analyze data to find demand curves, cost curves, profit curves, optimal prices and competition in various competitive environments. Economic principles are used to make decisions about whether to launch new ventures.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

No selection provided

Other Prerequisites
For Entrepreneurial Management majors only.

Learning Outcomes

Title
Experimentation Under Uncertainty

Tags
209961, 0, 1

Learning Outcome
Design and conduct real-world experiments that generate data to resolve key uncertainties in early-stage ventures.

Title
Profit Analytics and Pricing Judgment

Tags
209962, 0, 2

Learning Outcome
Gather data on customer demand, interpret profitability analytics from automated tools, and evaluate pricing and cost decisions accordingly.

Title
Market Entry and Competitive Strategy

Tags
209963, 0, 3

Learning Outcome
Assess market attractiveness by analyzing competition, barriers to entry, and differentiated value using Shiny-powered modeling tools.

Title
Data-Informed Decision Practice

Learning Outcome
Interpret analytical results from Shiny apps and data experiments to guide venture-specific customer, supplier, pricing, and positioning decisions.

Title
Integrity and Stewardship of Truth in Analytics

Learning Outcome
Demonstrate intellectual honesty and humility in gathering data, interpreting results, and communicating uncertainty-recognizing the duty to seek and act on truth.

Title
Becoming a Lifelong Evidence-Seeking Entrepreneur

Learning Outcome
Internalize the mindset and process of using evidence to guide venture judgment and reduce uncertainty throughout life.

Title
Strategic Judgment Under Uncertainty

Learning Outcome
Make early-stage strategic decisions-about markets, models, and positioning-based on evidence, experimentation, and sustainable advantage.

ENT 411 - Creating New Ventures

Course Information

Teaching Area (new)
ENT

Course Number
411

Teaching Area
ENT

Course Title
Creating New Ventures

Course Description
Learning the critical skills to create a successful new venture by validating an initial idea and business model in the field.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
For Marriott School majors

Learning Outcomes

Title
Entrepreneurial Founding Team

Tags
176033, 0

Learning Outcome
Participate effectively on an entrepreneurial founding team.

Title
Evaluating Business Ideas

Tags
176060, 1

Learning Outcome
Evaluate business ideas, opportunities, and plans.

Title
Financial Business

Tags
176078, 2

Learning Outcome
Plan the financial aspects of a new business.

ENT 421 - Financing New Ventures

Course Information

Teaching Area (new)
ENT

Course Number
421

Teaching Area
ENT

Course Title
Financing New Ventures

Course Description
Concepts and skills of entrepreneurship, emphasizing how new and emerging companies are financed. Applying functional tools to case situations.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors.

Learning Outcomes

Title
Effective Management Practices

Tags
176100, 1

Learning Outcome
Apply effective entrepreneurial and general management practices from the perspectives of the founder and vital stakeholders.

Title
Entrepreneurial Perspective

Tags
176107, 0

Learning Outcome
Apply the entrepreneurial perspective to make better decisions in analyzing or creating a business venture.

Title
Developing Business Opportunities

Tags
176232, 2

Learning Outcome
Analyze business opportunities and develop them into investment grade businesses.

ENT 422 - Managing New Ventures and Family Business

Course Information

Teaching Area (new)
ENT

Course Number
422

Teaching Area
ENT

Course Title
Managing New Ventures and Family Business

Course Description
How to operate, grow, and exit new ventures and family-owned businesses following their creation and funding. Consulting project required.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors.

Learning Outcomes

Title
Problem Solving Recommendations

Tags
176066, 3

Learning Outcome
Be able to articulate recommendations to solve those problems.

Title
Specific Recommendations for Improvement

Tags
176148, 1

Learning Outcome
Recommend specific ways to improve each of the systems of an entrepreneurial firm.

Title
Three systems of an Entrepreneurial Firm

Tags
176188, 0

Learning Outcome
Describe the three systems of an entrepreneurial firm: Business, Family, and Governance

Title
Diagnosing problems.

Tags
176233, 2

Learning Outcome
Diagnose problems that a family business and/or entrepreneurial firm has concerning its business, governance, and family systems.

ENT 425 - Venture Capital for Startups

Course Information

Teaching Area (new)
ENT

Course Number
425

Teaching Area
ENT

Course Title
Venture Capital for Startups

Course Description
Explore how successful startups navigate obtaining funding from venture capital firms, the typical terms and structures of those relationships, and how they manage those relationships over time. Considered from the perspective of both the venture capital firm and the founder seeking capital, with hands-on practice.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand Venture Capital

Tags
211421, 0, 1

Learning Outcome
Understand how investment decisions are made by venture capital firms, and how investments can be structured when financing start-up and early-stage ventures

Title
Conduct Due Diligence

Tags
211422, 0, 2

Learning Outcome
Assess and analyze a start-up investment opportunity, and recommend whether to invest

Title
VC Funding

Tags
211423, 0, 3

Learning Outcome
Identify, approach, and pitch to a VC firm in order to obtain funding for a startup

ENT 427 - Building Your Lean Venture

Course Information

Teaching Area (new)
ENT

Course Number
427

Teaching Area
ENT

Course Title
Building Your Lean Venture

Course Description
Explores the tasks entrepreneurs must master once they have settled on a business model and are ready to launch their business, including team building and leadership, product development, operations/logistics, financial modeling, fundraising, marketing, sales, client on-boarding and success.\n

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Product development and operations

Tags
211425, 0, 2

Learning Outcome
Move early stage ideas and prototypes to the market to serve initial customer demand

Title
Entrepreneurial marketing and sales and client success

Tags
211426, 0, 3

Learning Outcome
Launch a business using principles of entrepreneurial marketing, sales, client on-boarding and ongoing management

Title
Business formation, team building, and funding

Tags
211424, 0, 1

Learning Outcome
Build, expand and structure your founding team and obtain funding for your venture.

ENT 431 - Innovation Practicum

Course Information

Teaching Area (new)
ENT

Course Number
431

Teaching Area
ENT

Course Title
Innovation Practicum

Course Description
Theory and practice of innovation, emphasizing the discovery and development of innovative ideas in interdisciplinary teams.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Crocker Fellowship only. Permission required.

Learning Outcomes

Title
Innovation as Disciplined Discovery

Tags
177055, 2

Learning Outcome
Apply interdisciplinary innovation practices-including ethnographic research, empathy mapping, iterative prototyping, and agile experimentation-to identify and validate meaningful customer problems and solutions.

Title
Evidence Before Intuition

Tags
177090, 3

Learning Outcome
Engage in evidence-based decision-making by practicing innovation as a disciplined, iterative learning process-building a foundation for lifelong experimentation, adaptation, and impact.

Title
Leading Through Collaboration

Tags
177147, 1

Learning Outcome
Contribute meaningfully to psychologically safe, high-performing interdisciplinary teams by embracing mutual respect, shared ownership, and effective communication.

Title
Innovation as Consecrated Work

Learning Outcome
Reflect on how innovation can serve others in meaningful, Christ-centered ways, and identify how their gifts and disciplines can bless lives through inspired problem-solving.

Title
Stewardship of Innovation

Learning Outcome
Articulate responsibility as stewards of ideas, teams, and resources-including intellectual property-within a principled and equitable innovation process.

ENT 432 - Commercializing Innovation

Course Information

Teaching Area (new)
ENT

Course Number
432

Teaching Area
ENT

Course Title
Commercializing Innovation

Course Description
Commercializing innovations in interdisciplinary teams to bring innovative solutions to customers in the market.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENT 431 - Innovation Practicum

Learning Outcomes

Title
Go-to-Market Strategy

Tags
208058, 2

Learning Outcome
Develop and validate a go-to-market strategy by identifying viable sales channels, articulating value propositions, and running lean experiments to reach early customers.

Title
Product Refinement

Tags
208059, 1

Learning Outcome
Refine innovations through continued interdisciplinary collaboration to meet functional, technical, and customer-specific performance expectations.

Title
Profitability

Learning Outcome
Model the expected profit of their commercialized product, including pricing, cost structure, and breakeven analysis, to determine business model feasibility.

Title
Legal Foundations and Equity

Learning Outcome
Design and defend a legal structure-including equity splits, founder roles, and decision rights-that supports responsible stewardship and long-term venture viability.

Title
Christlike Leadership in Venture Building

Learning Outcome
Engage in ethical and inspired decision-making as they lead teams, allocate resources, and navigate ambiguity in building a Christ-centered business.

Title
Resourcing the Venture

Learning Outcome
Secure and manage early resources-financial, human, and material-to support continued venture development.

ENT 434R - New Venture LaunchPad

Course Information

Teaching Area (new)
ENT

Course Number
434R

Teaching Area
ENT

Course Title
New Venture LaunchPad

Course Description
Student entrepreneurs currently building a business will learn business best practices through mentored learning with a proven entrepreneur. Topics covered include product-market fit, sales systems, pitches, boards, employees, compensation, leadership, ethics, and fundraising.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors.

Learning Outcomes

Title
Innovation

Tags
211437, 0, 1

Learning Outcome
Create value through innovation.

Title
Communication Skills

Tags
211438, 0, 2

Learning Outcome
Sell an idea and communicate effectively with employees, partners, manufacturers, investors, and Venture Capitalists.

Title
Business Plans

Tags
211439, 0, 3

Learning Outcome
Create and write effective business plans.

Title
Internet Technology

Tags
211440, 0, 4

Learning Outcome
Utilize internet technology to find opportunities, conduct analysis, create buzz, attract customers, and market new products/services.

Title
Ethical Leadership

Tags
211441, 0, 5

Learning Outcome
Manage ethically and serve as ethical leaders in the business community.

ENT 436 - Experiential Entrepreneurship

Course Information

Teaching Area (new)
ENT

Course Number
436

Teaching Area
ENT

Course Title
Experiential Entrepreneurship

Course Description
Introduction to entrepreneurial strategy principles, frameworks and tools; mentored on-campus internship with growth-stage company (OCI application required); preference given to entrepreneurial management majors.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENT 401 - Entrepreneurial Innovation

Other Prerequisites
For Entrepreneurial Management majors only.

Learning Outcomes

Title
Growth Challenges

Tags
211434, 0, 4

Learning Outcome
Understand challenges faced by growth-stage companies (market validation, product design and development).

Title
Decision Tools

Tags
211435, 0, 5

Learning Outcome
Apply analytical tools to support decisions to address these challenges and questions.

Title
Recommendations

Tags
211436, 0, 6

Learning Outcome
Develop a coherent, feasible set of recommendations and present them effectively.

ENT 437 - Entrepreneurship Capstone

Course Information

Teaching Area (new)
ENT

Course Number
437

Teaching Area
ENT

Course Title
Entrepreneurship Capstone

Course Description
Mentored consulting project to apply entrepreneurial management and innovation tools with a growth-stage company; preference given to entrepreneurial management majors.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENT 436 - Experiential Entrepreneurship

Learning Outcomes

Title
Identifying business opportunities

Tags
209964, 0, 1

Learning Outcome
Be able to identify and evaluate potential business opportunities and select those that have a reasonable likelihood of success and which fit an individual's skill set, interests, and resources.

Title
Business website creation

Tags
209965, 0, 2

Learning Outcome
Be able to build a basic but professional business website.

Title
Online marketing skills

Tags
209966, 0, 3

Learning Outcome
Be able to design, launch, evaluate, and optimize online marketing efforts.

Title
General business management skills

Tags
209967, 0, 4

Learning Outcome
Develop general confidence with key business skills such as sales, negotiations, teamwork, presentations and basic management of operations.

ENT 441 - Rapid Product Innovation & Development

Course Information

Course Number
441

Teaching Area
ENT

Course Title
Rapid Product Innovation & Development

Course Description
Processes, frameworks, and methods for validating ideas for innovative new products with a focus on understanding customer pain and needs, developing elegant solutions, and prototyping and testing those ideas.

Department
Management

When Taught
Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
Create innovative solutions

Tags
213786, 0, 1, 2023-08-29 08:59:38

Learning Outcome
Think creatively, design and generate innovative solution ideas

Title
Test & validate solution appeal

Tags
213787, 0, 2, 2023-08-29 08:59:41

Learning Outcome
Apply principles and methods to validate the potential appeal of solutions

Title
Build prototype solutions

Tags
213788, 0, 3, 2023-08-29 08:59:42

Learning Outcome
Quickly, and at a low cost, develop solution prototypes that can be utilized in validation, testing, and iteration

Title
Managing collaborative development processes

Tags
213789, 0, 4, 2023-08-29 08:59:44

Learning Outcome
Organize and work effectively with cross-functional teams to design, test, and build solutions

ENT 442 - Ideation & Team Formation

Course Information

Course Number
442

Teaching Area
ENT

Course Title
Ideation & Team Formation

Course Description
Learn processes and methodologies to generate innovative business and product ideas across various industries and domains, and then determine the market opportunity and potential for ideas. In collaboration with teams, apply decision making frameworks to determine whether to pursue opportunities.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Idea search process

Tags
213790, 0, 1, 2023-08-29 08:59:45

Learning Outcome
Apply creative search and idea generation processes in novel and uncertain contexts

Title
Market opportunity assessment

Tags
213791, 0, 2, 2023-08-29 08:59:47

Learning Outcome
Assess the market opportunity and attractiveness for ideas based on primary and secondary research methods (competitive & customer analysis)

Title
Cross-functional team leadership

Tags
213792, 0, 3, 2023-08-29 08:59:48

Learning Outcome
Effectively form and lead diverse cross-functional teams in the process of developing innovative ideas

ENT 445R - Software Product Management Lecture Series

Course Information

Course Number
445R

Teaching Area
ENT

Course Title
Software Product Management Lecture Series

Course Description
Lectures and networking with professionals and entrepreneurs involved in the development, launch, and growth of software products and businesses.

Department
Management

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Networking

Tags
213793, 0, 1, 2023-08-29 08:59:49

Learning Outcome
Building ties with industry professionals and fellow students

Title
Career readiness

Tags
213794, 0, 2, 2023-08-29 08:59:52

Learning Outcome
Learn skills necessary to obtain employment in the product management field, or launch a SW business

ENT 478 - Venture Studio Practicum

Course Information

Teaching Area (new)
ENT

Course Number
478

Teaching Area
ENT

Course Title
Venture Studio Practicum

Course Description
This student-led Venture Studio helps founders and operators of new ventures in their early stages to to begin and execute appropriate "next steps." This acceleration process is a beginning-to-end solution for new venture problems in tactical operations, sales and marketing, people organizations, legal and compliance, and engineering and product development as needed at each stage of the process. The course requires diligence, analysis, and resource application to reduce failure risk for new ventures by all key measures. Students will typically address client capability gaps in several market stages: Incubator/Accelerator; Studio; Bootstrap; and Angel/Seed stage.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify Companies

Tags
211427, 0, 1

Learning Outcome
Identify outstanding ideas, products, and companies to diligence, research, and apply acquired skills suited to client needs.

Title
Assist client companies

Tags
211428, 0, 2

Learning Outcome
Practicum students will be able to evaluate, improve and skillfully protect company overall health using "shipshape" tools capturing all relevant measures.

ENT 479R - Advanced Venture Studio

Course Information

Teaching Area (new)
ENT

Course Number
479R

Teaching Area
ENT

Course Title
Advanced Venture Studio

Course Description
An advanced course empowering student leaders through hands-on client work for entrepreneurs. This course goes further into identifying and acquiring critical resources for early companies. These resources include operations support, work space, and financial capital. Students provide clients state-of-the-art support functions in tactical operations, sales and marketing, people organizations, legal and compliance, and engineering and product development at various stages of business development.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ENT 478 - Venture Studio Practicum

ENT 490R - Topics in Entrepreneurial Management

Course Information

Teaching Area (new)
ENT

Course Number
490R

Teaching Area
ENT

Course Title
Topics in Entrepreneurial Management

Course Description
Special topics in entrepreneurship. Specific topics covered vary year to year.

Department
Management

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
By permission only.

Learning Outcomes

Title
Apply Entrepreneurship Principles

Tags
211419, 0, 1

Learning Outcome
Effectively apply the tools, models and concepts of entrepreneurial management to the issues and cases covered in the course.

ESL 301 - Advanced Academic English for International Students

Course Information

Teaching Area (new)
ESL

Course Number
301

Teaching Area
ESL

Course Title
Advanced Academic English for International Students

Course Description
Integrated skills course for nonnative English speakers, primarily focused on academic listening, speaking, and the basic skills needed for success at an American university.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
For bilingual foreign students

Learning Outcomes

Title
Participate in English academic settings

Tags
198083, 1

Learning Outcome
Participate and communicate in English in academic settings clearly, confidently, and effectively.

Title
Give effective oral presentations in English

Tags
198203, 2

Learning Outcome
Give oral presentations of various kinds in English effectively in academic settings.

Title
Gain English listening/speaking skills critical to success

Tags
198291, 0

Learning Outcome
Gain English listening and speaking skills critical to success in American academic, university settings

Title
Understand cultural, academic differences

Tags
198298, 4

Learning Outcome
Explain cultural differences in academic settings

Title
Take effective notes in academic settings.

Tags
198316, 3

Learning Outcome
Listen to academic lectures and take effective notes

ESL 302 - Advanced English Pronunciation for International Students

Course Information

Teaching Area (new)
ESL

Course Number
302

Teaching Area
ESL

Course Title
Advanced English Pronunciation for International Students

Course Description
Improving the speaking ability of nonnative English students, emphasizing rhetorical and communication strategies, pronunciation, stress, rhythm, intonation, and fluency.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For bilingual foreign students

Learning Outcomes

Title
Increased awareness of English pronunciation patterns

Tags
198092, 0

Learning Outcome
Non-native English-speaking students will develop an increased awareness of English pronunciation patterns

Title
Strategies to improve the ability to pronounce English corre

Tags
198219, 1

Learning Outcome
ESL students will improve their knowledge of strategies to learn to pronounce English and ability to pronounce English correctly in the following areas: a. Vowels and consonants, b. Syllables and word endings, c. Intonation, d. Stress, e. Rhythm, and f. Linking.

ESL 303 - College Reading and Study Skills for International Students

Course Information

Teaching Area (new)
ESL

Course Number
303

Teaching Area
ESL

Course Title
College Reading and Study Skills for International Students

Course Description
Learning strategies to improve reading speed and to understand materials used in university classes.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For bilingual foreign students

Note
Should be taken during the first year (for nonnative English speakers).

Learning Outcomes

Title
Build vocabulary and other reading skills in English

Tags
198136, 1

Learning Outcome
Students will build increased English vocabulary, comprehension, inference, and critical thinking and evaluation, among other skillls

Title
University-level reading skills in English

Tags
198260, 0

Learning Outcome
Non-native English-speaking students will acquire or improve the skills they need to read and understand university-level materials.

ESL 304 - Academic Writing for International Students

Course Information

Teaching Area (new)
ESL

Course Number
304

Teaching Area
ESL

Course Title
Academic Writing for International Students

Course Description
Learning how to write essays, reports, and research papers acceptable in an American university

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
For bilingual foreign students

Note
Should be taken before ELang 105 or Engl 150.

Learning Outcomes

Title
Independence and awareness in English writing skills

Tags
198106, 0

Learning Outcome
Non-native English-speaking students will become more independent in their English writing and study skills and more aware of their writing ability

Title
Critical and creative thinking

Tags
198124, 1

Learning Outcome
Students in this course will learn to think critically and creatively.

Title
Critical and creative thinking

Tags
198180, 1

Learning Outcome
Students in this course will learn to think critically and creatively.

Title
Writing processes

Tags
198294, 3

Learning Outcome
Students will demonstrate the ability to use various processes as they write

Title
Read/write in university genres

Tags
198295, 5

Learning Outcome
Students will gain the ability ro read and write in genres common in university coursework.

Title
Documented research writing

Tags
198307, 4

Learning Outcome
Students will be able to locate information in a major university library and write a documented research paper based on that information.

ESL 305 - Applied Grammar for International Students

Course Information

Teaching Area (new)
ESL

Course Number
305

Teaching Area
ESL

Course Title
Applied Grammar for International Students

Course Description
Increasing correct grammar use in academic writing.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For international students.

Recommended
Concurrent enrollment in ESL 304 or ELang 105

Learning Outcomes

Title
Independently correct English grammar errors

Tags
198280, 2

Learning Outcome
Demonstrate the ability to recognize and independently correct grammar errors.

Title
Appropriate, varied, and accurate vocabulary usage

Tags
198288, 1

Learning Outcome
Demostrate the ability to select appropriate and varied English vocabulary related to assigned topics with accuracy in word choice and form.

Title
Academic writing tasks

Tags
198301, 0

Learning Outcome
Non-native English-speaking students will gain the ability to respond appropriately to a variety of academic writing tasks in English.

ESTON 100 - Language Study: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
100

Teaching Area
ESTON

Course Title
Language Study: Estonian

Course Description
Survival-level conversation, reading, listening, and culture skills in Estonian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197463, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197464, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197465, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ESTON 101 - First-Year Language Study: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
101

Teaching Area
ESTON

Course Title
First-Year Language Study: Estonian

Course Description
Beginning speaking, listening, reading, and writing skills in Estonian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197466, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197467, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197468, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197469, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ESTON 102 - First-Year Language Study: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
102

Teaching Area
ESTON

Course Title
First-Year Language Study: Estonian

Course Description
Second-semester speaking, listening, reading, and writing skills in Estonian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ESTON 101 - First-Year Language Study: Estonian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197470, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197471, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197472, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197473, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ESTON 201 - Second-Year Language Study: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
201

Teaching Area
ESTON

Course Title
Second-Year Language Study: Estonian

Course Description
Intermediate speaking, listening, reading, and writing skills in Estonian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ESTON 102 - First-Year Language Study: Estonian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197474, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197475, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197476, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197477, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ESTON 202 - Second-Year Language Study: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
202

Teaching Area
ESTON

Course Title
Second-Year Language Study: Estonian

Course Description
Continued emphasis on Estonian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ESTON 201 - Second-Year Language Study: Estonian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197478, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197479, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197480, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197481, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ESTON 305 - Language Skills Development: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
305

Teaching Area
ESTON

Course Title
Language Skills Development: Estonian

Course Description
Increasing proficiency in one or more of the following Estonian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197482, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197483, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197484, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ESTON 321 - Advanced Grammar: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
321

Teaching Area
ESTON

Course Title
Advanced Grammar: Estonian

Course Description
Advance your Estonian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197485, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197486, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197487, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
330

Teaching Area
ESTON

Course Title
Advanced Language Proficiency Through Cultural Studies: Estonian

Course Description
Study of Estonian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Eston 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197488, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197489, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197490, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197491, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ESTON 340 - Introduction to Literature: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
340

Teaching Area
ESTON

Course Title
Introduction to Literature: Estonian

Course Description
Explore Estonian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197492, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197493, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197494, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197495, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

ESTON 350 - Advanced Language Study for Career Purposes: Estonian

Course Information

Teaching Area (new)
ESTON

Course Number
350

Teaching Area
ESTON

Course Title
Advanced Language Study for Career Purposes: Estonian

Course Description
Concentration on Estonian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ESTON 330 - Advanced Language Proficiency Through Cultural Studies: Estonian

Learning Outcomes

Title
Defined Career Purposes

Tags
197496, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197497, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197498, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197499, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197500, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

EUROP 200 - Introduction to European Studies

Course Information

Teaching Area (new)
EUROP

Course Number
200

Teaching Area
EUROP

Course Title
Introduction to European Studies

Course Description
Introduction to the major, the core disciplines involved and integrated in European studies, and European studies as a discipline.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Information Literacy: Foundations & Frameworks

Tags
17022, 0, 0

Learning Outcome
Students will demonstrate advanced factual knowledge of European geographies, histories, politics, and cultures, and show proficiency in analyzing and interpreting specific European topics using major theories and concepts from the core European Studies disciplines (history, political science, and the humanities).

Title
Global Citizenship

Tags
17016, 0, 4

Learning Outcome
Students will acquire and refine an intellectual curiosity and habits of thought that will lead to life-long learning and continued engagement with European history, literature, culture, languages, and current affairs in various realms (personal, professional, church, civic).

Title
Cultural Navigation: International Perspectives and Experiences

Tags
17020, 0, 1

Learning Outcome
Students will acquire advanced international and intercultural competencies through coursework in international studies, habitual reading of European and global news, regular attendance at Kennedy Center lectures, as well as mentored learning experiences, including study abroad, internship, etc.

Title
Professional Skills & Competencies

Tags
17018, 0, 3

Learning Outcome
Students will cultivate advanced skills in critical reading, thinking, and communication in a variety of disciplinary traditions (history, humanities, political science, etc.). They will also demonstrate a proficiency in communicating in a European language other than English.

EUROP 320R - European Literature, Art, and Culture

Course Information

Teaching Area (new)
EUROP

Course Number
320R

Teaching Area
EUROP

Course Title
European Literature, Art, and Culture

Course Description
In-depth study of key themes, genres, and movements across Europe, emphasizing contemporary trends in the literary and visual arts and methods of critical reading and writing in the humanities. Topics and texts vary by instructor.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
EUROP 200 & HIST 250.

Learning Outcomes

Title
Knowledge of important European writers, artists, movements, and genres

Tags
200220, 1

Learning Outcome
Students will extend and deepen their understanding of a wide range of important European writers, thinkers, artists, movements, and genres. Besides learning to interrogate the potential strengths and limitations of generalized notions of "European culture," students will develop a comparative sense of regional or national departures from or variations upon literary and artistic norms. Assessment measures: course exams and research papers, graduation exit exams and focus groups.

Title
Familiarity with analytic and interpretive modes from the humanities

Tags
200221, 2

Learning Outcome
Students will become conversant in many of the critical, descriptive, and interpretive modes characteristic of discourse in humanistic disciplines. They will learn to analyze works of European literature and visual art from formal, aesthetic, philosophical, and socio-political perspectives. Assessment measures: course exams and research papers, senior papers for capstone course (EUROP 490R), graduate focus groups.

Title
Developing intellectual curiosity and aesthetic sensibilities

Tags
200222, 3

Learning Outcome
Students will come to understand what it means to be "cultured" in European society and will develop the intellectual curiosity, aesthetic sensibilities, habits, and tastes to fuel a life-long study of the best European literature, cinema, and art. Assessment measures: graduate focus groups, alumni surveys.

EUROP 330 - European Culture and Society

Course Information

Course Number
330

Teaching Area
EUROP

Course Title
European Culture and Society

Course Description
Using approaches from the social sciences, history, and the humanities, students will explore recent developments in European politics, culture, and identity. The course will have a broad European focus, but will help students to acquaint themselves with different European regions

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Critical Reasoning

Learning Outcome
Students will demonstrate that they have grappled with an important idea, issue or development in recent European society

Title
Cultural Understanding

Learning Outcome
Students will demonstrate a nuanced and complex understanding of European identity

Title
Comparative Geography

Learning Outcome
Students will demonstrate a familiarity with a broad number of European regions

Title
Research Methodologies

Learning Outcome
Students will demonstrate that they are familiar with the basic disciplinary methodologies of History, Humanities and Political Science

Title
Oral and Written Communication

Learning Outcome
Students will demonstrate their mastery of objectives 1,2, 3 and 4 on quizzes, regular writing assignments, presentations, and a major project at the end of the course

EUROP 336R - The Social Sciences in a European Context

Course Information

Teaching Area (new)
EUROP

Course Number
336R

Teaching Area
EUROP

Course Title
The Social Sciences in a European Context

Course Description
Social Science course approved for study abroad, internship, or experiential learning programs in European locations.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Recommended
Europ 200 and Hist 250

Learning Outcomes

Title
Analysis of Historical and Cultural Heritage Sites

Tags
200200, 1

Learning Outcome
Students should be able to accurately and intelligently discuss the historical sites the program visited and explain how the events that occurred there proved pivotal to the development of the nation or Europe as a whole. Site visits should directly correspond with class discussions and reading and writing assignments.

Title
Application of Political and Historical Understanding to Other Disciplines

Tags
200201, 2

Learning Outcome
Students should demonstrate the ability to appropriately and constructively draw upon their knowledge of European history and politics when visiting churches or museums and interpreting the region's literature, art, music, and theater.

Title
Comparative Political Understanding

Tags
200202, 3

Learning Outcome
Students should show a comparative understanding of European and American political systems (e.g., constitutional monarchy, written vs. unwritten constitutions, presidents vs. prime ministers, etc.).

Title
Global Awareness 1: Participating in Current Global Debates

Tags
200203, 4

Learning Outcome
Students should demonstrate sufficient familiarity with today's most pressing European and/or national socio-political issues to offer informed views in class debates, conversations with locals, and discussions with associates in the U.S.

Title
Global Awareness 2: Europe in a Globalized, Postcolonial Age

Tags
200204, 5

Learning Outcome
Students should reveal an informed understanding of historical and contemporary European contacts with and assimilation of non-Western cultures (e.g., imperialism, decolonization, immigration).

Title
Historical Knowledge

Tags
200205, 0

Learning Outcome
Students will demonstrate a general understanding of the historical development of modern Europe (or of the nation or region upon which the course focuses). While students should emerge with a basic sense of all major historical periods, not all eras need receive equal coverage. A course taught in Florence, for instance, would presumably focus more heavily on the Renaissance than the eighteenth century.

EUROP 337R - The Humanities in a European Context

Course Information

Teaching Area (new)
EUROP

Course Number
337R

Teaching Area
EUROP

Course Title
The Humanities in a European Context

Course Description
Humanities course approved for study abroad, internship, or experiential learning programs in European locations.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Recommended
Europ 200, Europ 320R

EUROP 495 - Senior Capstone in European Studies

Course Information

Teaching Area (new)
EUROP

Course Number
495

Teaching Area
EUROP

Course Title
Senior Capstone in European Studies

Course Description
Interdisciplinary study of an issue central to European studies; topics vary.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EUROP 200 - Introduction to European Studies

Other Prerequisites
Senior status or program coordinator's consent

Learning Outcomes

Title
targeted understanding

Tags
200097, 2

Learning Outcome
Students will understand the relationship of the courses central issue to their country or countries of interest.

Title
research and writing

Tags
200114, 1

Learning Outcome
Students will identify a valid research topic and research that topic using appropriate disciplinary methods, and they will write a cogent, scholarly essay in which they report the results of their research.

Title
Knowledge and Analytic Understanding

Tags
200196, 0

Learning Outcome
Students will gain an in-depth understanding of an issue central to European Studies and be able to articulate that understanding using theories, concepts, research materials, and ideas from the perspectives of more than one European-Studies-related discipline.

EXDM 123 - Introduction to Outdoor Recreation Activities

Course Information

Teaching Area (new)
EXDM

Course Number
123

Teaching Area
EXDM

Course Title
Introduction to Outdoor Recreation Activities

Course Description
Participation in a variety of outdoor activities.

Department
Experience Design and Management

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Note
A signed waiver release form is required; the form will be distributed on the first day of class.

Learning Outcomes

Title
Leave No Trace

Tags
175383, 1

Learning Outcome
Know and practice Leave No Trace principles during the class and beyond.

Title
Skill Acquisition

Tags
175384, 2

Learning Outcome
Demonstrate a working knowledge and basic skills for a variety of outdoor activities.

Title
Teach Skills

Tags
175385, 3

Learning Outcome
Demonstrate the ability to proficiently teach an outdoor activity or skill.

Title
Outdoor Safety

Tags
175386, 4

Learning Outcome
Review fundamental safety skills related to common practices in outdoor recreation.

Title
Outdoor Appreciation

Tags
175387, 5

Learning Outcome
Reflect on the impact of God's creations in your life and your feelings about this beautiful world He has given us.

EXDM 199R - Academic Internship: Practicum

Course Information

Teaching Area (new)
EXDM

Course Number
199R

Teaching Area
EXDM

Course Title
Academic Internship: Practicum

Course Description
Internship or cooperative education experience evaluated by supervisor and posted on student's transcript.

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Note
An APPROVED Internship Application is required before adding.

EXDM 223R - Outdoor Skills Leadership

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Outdoor Skills Leadership

Course Description
In-depth approach to leadership skills in selected outdoor specialty areas, including camping, hiking and survival, basic backpacking, winter camping, mountain biking, fly-fishing, sailing, river recreation, rock climbing, family outdoor recreation, and outdoor therapeutic recreation skills.

Department
Experience Design and Management

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Fly Fishing

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Fly Fishing

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Hiking and Survival

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Hiking and Survival

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Camping Skills

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Camping Skills

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - River Recreation

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
River Recreation

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Mountain Biking

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Mountain Biking

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Rock Climbing

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Rock Climbing

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Winter Camping

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Winter Camping

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Sailing

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Sailing

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Ski Instructor

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Ski Instructor

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Basic Backpacking

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Basic Backpacking

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Wilderness Trek

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Wilderness Trek

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 223R - Family Outdoor Recreation

Course Information

Teaching Area (new)
EXDM

Course Number
223R

Teaching Area
EXDM

Course Title
Family Outdoor Recreation

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

EXDM 300 - Creating a Good Life through Experience Design

Course Information

Teaching Area (new)
EXDM

Course Number
300

Teaching Area
EXDM

Course Title
Creating a Good Life through Experience Design

Course Description
Introduce basic experience design concepts, emphasizing positive psychology principles. Explore life design opportunities and perspectives of what constitutes "the good life" across multiple countries, cultures, and diverse populations.

Department
Experience Design and Management

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Apply Foundational Principles

Tags
175466, 1

Learning Outcome
Apply foundational principles of recreation and experience design for self, family, community, and diverse populations.

Title
Value Improving Quality of Life

Tags
175467, 2

Learning Outcome
Analyze the importance of improving the quality of lives for individuals, families, and society

Title
Exploring Life Design

Tags
175468, 3

Learning Outcome
Explore life design opportunities by completing a comprehensive design of your life project.

Title
Global and Cultural Awareness

Tags
175469, 4

Learning Outcome
Develop informed awareness of diverse perspectives across regions, cultures, and identities; engage in thoughtful reflection through an in-depth academic comparison, fostering empathy and respect for differing viewpoints.

Title
Deep BYU Aims Experience

Tags
175470, 5

Learning Outcome
Design, live, and reflect on a deep, inspiring BYU experience that contributes to the AIMs of a BYU education.

EXDM 301 - Family Recreation

Course Information

Teaching Area (new)
EXDM

Course Number
301

Teaching Area
EXDM

Course Title
Family Recreation

Course Description
Exploring the role of family recreation in building successful families.

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Bless and Strengthen

Tags
175416, 1

Learning Outcome
Have a spiritual conviction that family recreation will bless and strengthen family life.

Title
Family Strength and Unity

Tags
175417, 2

Learning Outcome
Understand, evaluate, and explain the theories, principles, and concepts of family recreation and their role in building family strength and unity.

Title
Integrate Theory

Tags
175418, 3

Learning Outcome
Integrate family recreation theory and generate it into a personal philosophy of family leisure that includes family recreation leadership proficiencies and applies family recreation principles.

Title
Apply Principles

Tags
175419, 4

Learning Outcome
Apply family recreation principles to current and future family life and share those principles with family, friends and the community.

Title
Portfolio

Tags
175420, 5

Learning Outcome
Maintain a professional, theory based, family recreation portfolio.

Title
Personal Values

Tags
175421, 6

Learning Outcome
Transform personal values of family time and family ritualization.

EXDM 302 - Hospitality Management

Course Information

Teaching Area (new)
EXDM

Course Number
302

Teaching Area
EXDM

Course Title
Hospitality Management

Course Description
Introducing hospitality management; integrating with venue and experience management; considering foundational principles, best professional practices; exploring professional opportunities.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding foundational principles in hospitality management

Tags
175241, 1

Learning Outcome
Demonstrate an understanding of core principles and concepts in hospitality management

Title
Best practices in hospitality management

Tags
175242, 2

Learning Outcome
Demonstrate a working knowledge of best practices in the field--including hotel, resort, and food and beverage management.

Title
Professional opportunities in hospitality management

Tags
175243, 3

Learning Outcome
Understand the current professional landscape in this industry--career paths, essential skills, social networks, etc.

EXDM 303 - Introduction to Sports and Entertainment Industries

Course Information

Teaching Area (new)
EXDM

Course Number
303

Teaching Area
EXDM

Course Title
Introduction to Sports and Entertainment Industries

Course Description
A general overview of the sport and entertainment industry; understanding of the skills required for a successful career managing within the sport and entertainment industry; and real-world insights by leading sports and entertainment industry executives.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify Trends and Industry Issues of Today

Tags
175411, 1

Learning Outcome
Identify present trends and issues facing the sports and experience industries today.

Title
Skills to Succeed

Tags
175412, 3

Learning Outcome
Demonstrate the necessary business skills to have a successful career in the sports and experience industries

Title
Communicate Effectively

Tags
175413, 2

Learning Outcome
Communicate effectively and knowledgeably with others concerning the sports industry.

Title
Positive and Ethical Leadership

Tags
175414, 4

Learning Outcome
Operate within the sports industry with a commitment to live and uphold high moral and ethical standards, and encourage others to do the same.

EXDM 306 - Community Festivals and Special Events

Course Information

Teaching Area (new)
EXDM

Course Number
306

Teaching Area
EXDM

Course Title
Community Festivals and Special Events

Course Description
Equipping students with relevant knowledge and skills to design and implement community festivals and other special events.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Applying recreation management principles to non-profit orgs

Tags
175239, 1

Learning Outcome

Demonstrate and ability to apply to apply recreation management principles to public and non-profit community agencies.

Title
Problem solving in the field

Tags
175240, 2

Learning Outcome

Demonstrate an ability to propose feasible solutions to problems encountered in non-profit recreation settings.

EXDM 307 - Sport and Entertainment Venue Management

Course Information

Teaching Area (new)
EXDM

Course Number
307

Teaching Area
EXDM

Course Title
Sport and Entertainment Venue Management

Course Description
Understanding and application of experience management principles including opportunities to deliver community based events.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

EXDM 311 - Advances in Positive Psychology in Experience Design

Course Information

Teaching Area (new)
EXDM

Course Number
311

Teaching Area
EXDM

Course Title
Advances in Positive Psychology in Experience Design

Course Description
Topics and recent advances in positive psychology as they apply to experience design.

Department
Experience Design and Management

When Taught
Summer Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Positive Psychology

Tags
212968, 0, 1

Learning Outcome
Gain understanding of advanced topics in positive psychology

Title
Research

Tags
212969, 0, 2

Learning Outcome
Demonstrate understanding of current positive psychology research and how to apply it in the experience industry

Title
Life Plans

Tags
212970, 0, 3

Learning Outcome
Integrate advances in positive psychology and experience design principles to develop better life plans and experience journeys

EXDM 404 - Experience Design

Course Information

Teaching Area (new)
EXDM

Course Number
404

Teaching Area
EXDM

Course Title
Experience Design

Course Description
Introduces students to the principles and practices of experience design. Students will explore how experiences shape identity, relationships and organizations. Students will learn to design experiences that matter in business, life, and Christlike discipleship.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Experience Design and Management majors only.

Learning Outcomes

Title
Curiosity and Creativity

Tags
212170, 0, 5

Learning Outcome
Students will demonstrate curiosity and creativity by generating novel ideas, asking insightful questions, and producing original solutions in both individual and group projects.

Title
Conceptualize and Analyze Experiences

Tags
175475, 0, 4

Learning Outcome
Students will be able to conceptualize and analyze experiences utilizing key experience design concepts such as structured experiences, experience phases, experience types, experiencescape elements, and experience related theories.

Title
Human Centered Design

Tags
175476, 0, 1

Learning Outcome
Students will be able to apply the design thinking process to develop innovative solutions to professional and personal experiences related to wicked problems.

Title
Experience Design

Tags
175482, 0, 3

Learning Outcome
Students will be able to design intentional experiences using experience mapping, narrative structure, and touchpoint design.

Title
Christlike Design

Tags
175474, 0, 2

Learning Outcome
Students will apply gospel methodology, empathy, and courageous curiosity as they analyze client needs and propose design solutions in the experience design consulting project.

EXDM 405 - Theories and Frameworks in Experience Design and Management

Course Information

Teaching Area (new)
EXDM

Course Number
405

Teaching Area
EXDM

Course Title
Theories and Frameworks in Experience Design and Management

Course Description
An introduction to selected scientific theories, frameworks, and models that can be used to optimize experience design. An introduction to the experience economy and the design and management of experiences to create business value.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Experience Design and Management majors only.

Learning Outcomes

Title
Understanding ExDM

Tags
212976, 0, 1

Learning Outcome
Describe the development of ExDM as a field and the theories and frameworks that underpin the field.

Title
Career Exploration

Tags
212977, 0, 2

Learning Outcome
Make informed decisions regarding career choices.

Title
Professional Networking

Tags
212978, 0, 3

Learning Outcome
Develop professional relationships with practitioners in the field.

EXDM 406 - Experience Design and Management Career Expeditions

Course Information

Teaching Area (new)
EXDM

Course Number
406

Teaching Area
EXDM

Course Title
Experience Design and Management Career Expeditions

Course Description
Field trips to exemplary experience design and management agencies. Opportunities to see experience design and management processes in action and connect with professionals in related career paths.

Department
Experience Design and Management

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
For Experience Design and Management majors only.

Fee
100

Note
Fee.

EXDM 411 - Risk Management in Experience Industries

Course Information

Teaching Area (new)
EXDM

Course Number
411

Teaching Area
EXDM

Course Title
Risk Management in Experience Industries

Course Description
Overview of the legal process, legal issues, and risk management considerations regarding the jurisprudence to U.S. civil law as they relate to recreation experience industries.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- **AND**
  AND EXDM 404 - Experience Design

Learning Outcomes

Title
Legal Research

Tags
175398, 1

Learning Outcome
Perform legal research by finding relevant law cases from different resources, including the Howard W. Hunter Law Library at BYU.

Title
Law Case Summaries

Tags
175399, 2

Learning Outcome
Review and interpret law case summaries.

Title
Law Case Briefs

Tags
175400, 3

Learning Outcome
Compose law case briefs.

Title
Tort Liability

Tags
175401, 4

Learning Outcome
Know basic rules of law concerning tort liability including:

Intentional torts
Negligence
Constitutional rights

Title
Risk Management

Tags
175402, 5

Learning Outcome
Know issues involving risk management and create a risk management plan.

Title
Court System

Tags
175403, 6

Learning Outcome
Explain the fundamentals of the legal court system.

EXDM 415 - Experience-Centric Management

Course Information

Teaching Area (new)
EXDM

Course Number
415

Teaching Area
EXDM

Course Title
Experience-Centric Management

Course Description
An introduction to experience management beginning with an exploration of processes and principles for self- and team-management. Workflow and project management frameworks are discussed and analyzed for their compatibility with human-centered experience design and management.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Experience Design and Management majors only.

Learning Outcomes

Title
Teamwork & Divine Identity

Tags
212979, 0, 1

Learning Outcome
Become confident in who they are in the sight of God, and let that knowledge guide their professional behavior and relationships by engaging in respectful and professional teamwork and personal reflection.

Title
Human-Centric Management

Tags
212980, 0, 2

Learning Outcome
Apply human-centric experience design to personal and professional management.

Title
Project Management

Tags
212981, 0, 3

Learning Outcome
Apply industry tools and practices to project management.

EXDM 416 - Experiential Marketing

Course Information

Teaching Area (new)
EXDM

Course Number
416

Teaching Area
EXDM

Course Title
Experiential Marketing

Course Description
Marketing as a key aspect of the consumer experience along the entire customer journey. Creating impactful marketing materials during the pre-experience, designing engaging and last experiential marketing experiences, and effective follow-up strategies for post-experience. Introduction to strategic experiential marketing frameworks. Exposure to Adobe's Creative Suite.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Note
Students will be required to have Adobe's creative suite.

Learning Outcomes

Title
Spiritually Strengthening/Lifelong Learning

Tags
175234, 1

Learning Outcome
Students will be able to use a gospel methodology to approach academic and professional work by relying on prayer, personal inspiration, and understanding how the Spirit talks to them personally.

Title
Visual Principles to Communicate Effectively

Tags
175235, 2

Learning Outcome
Students will be able to communicate effectively with a target audience by integrating principles of visual rhetoric.

Title
Visual Principles to Communicate Effectively

Tags
175236, 3

Learning Outcome
Students will be able to create an effective experiential marketing strategy using the BETTER model framework.

Title
Develop creative experiential marketing plans

Learning Outcome
Students will be able to use their creativity to design innovative and effective experiential marketing and social media campaigns that build brand loyalty.

Title
Build Community Through Intentional Actions

Learning Outcome
Students will be able to effectively communicate and create a working connection with a professional client on an experiential marketing plan with confidence

Title
Build Community Through Intentional Actions

Learning Outcome
Students will be able to reach target audiences that progress the customer along the customer lifecycle by creating an influential experiential marketing campaign and using a variety of social media tools

Title
Impact of Experiential Marketing Plan and Social Media

Learning Outcome
Students will be able to evaluate the expected organizational impact of their experiential marketing and social media strategies using projected reach.

EXDM 418 - Designing for Inclusion and Belonging

Course Information

Course Number
418

Teaching Area
EXDM

Course Title
Designing for Inclusion and Belonging

Course Description
In today's world, designing for inclusion and belonging is not just a value—it's a sacred responsibility rooted in the teachings of Jesus Christ. Students will increase awareness, question assumptions, and develop empathy-driven Christ-centered inclusion/belonging.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- EXDM 404 - Experience Design

Learning Outcomes

Title
Value of Belonging

Learning Outcome
Discuss the economic, business, and moral value of belonging, inclusion, equity, diversity and their impact on individuals, families, and organizations in today's global society.

Title
Personal Experiences

Learning Outcome
Demonstrate personal awareness gained from interactions with people who are different than them in race, age, spiritual beliefs and practices, gender, gender identity, sexual orientation, work and life status, ethnic origin, culture, employment level, physical and mental ability, and veteran status.

Title
Social Outlook

Learning Outcome
Explain social privilege, unconscious bias, intersectionality, stereotyping, and sensitively approach these issues in the workplace, community, and personal life.

Title
4. Applied Inclusive Design Strategies

Learning Outcome
Apply inclusive design principles and targeted strategies to create environments, experiences, or products that both address the specific needs of marginalized individuals and intentionally foster a broader sense of belonging for all.

Title
5. Appropriate Language

Learning Outcome
Use appropriate, respectful, inclusive, and person-first language when reading, writing, and speaking about and with individuals of diverse backgrounds and abilities.

EXDM 418 - Designing for Inclusion and Belonging

Course Information

Teaching Area (new)
EXDM

Course Number
418

Teaching Area
EXDM

Course Title
Designing for Inclusion and Belonging

Course Description
Focus on experiences of diversity, equity, inclusion, and belonging for individuals, families, and organizations. Address both the business and moral imperatives related to diversity, inclusion, and belonging.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Value of Belonging

Tags
212971, 0, 1

Learning Outcome
Discuss the economic, business, and moral value of diversity, equity, inclusion, and belonging and their impact on individuals, families, and organizations in today's global society

Title
Social Outlook

Tags
212972, 0, 2

Learning Outcome
Explain social privilege, unconscious bias, and stereotyping, and sensitively approach these issues in the workplace, community, and personal life.

Title
Define Belonging

Tags
212973, 0, 3

Learning Outcome
Describe the difference between diversity, equity, inclusion, and belonging, and apply strategies to embrace and promote them in the workplace, community, and personal life.

Title
Personal Experiences

Tags
212975, 0, 5

Learning Outcome
Demonstrate personal awareness gained from interactions with people who are different than them in race, age, spiritual beliefs and practices, gender, gender identity, sexual orientation, work and life status, ethnic origin, culture, employment level, physical and mental ability, and veteran status.

Title
Appropriate Language

Tags
212974, 0, 4

Learning Outcome
Use appropriate, respectful, and person-first language when reading, writing, and speaking about and with individuals of diverse backgrounds and abilities.

EXDM 422 - Experience Needfinding

Course Information

Teaching Area (new)
EXDM

Course Number
422

Teaching Area
EXDM

Course Title
Experience Needfinding

Course Description
Skills to help organizations better understand end-user needs. Systematic collection and analysis of qualitative data through observations, interviews, and various other approaches. Utilizing experience design to create innovative, data-driven solutions to create organizational value.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

EXDM Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- EXDM 415 - Experience-Centric Management
- EXDM 416 - Experiential Marketing

Learning Outcomes

Title
Needfinding and Qualitative Methods

Tags
175479, 0, 3, 2021-08-30 13:53:31

Learning Outcome
Apply qualitative research methods and ethnographic techniques to better design and evaluate experience offerings, including:participant observation; interviews, triangulation approaches, and qualitative analysis

Title
Experience Strategy

Tags
175481, 0, 4, 2021-08-30 14:03:29

Learning Outcome
Apply current experience strategy topics and techniques to meet customer's needs, including: the value of "meaningfulness" for today's consumers, new developments and approaches for customer journey design, new developments regarding the Jobs To Be Done framework and the Value Proposition

Title
Professional Presentation

Tags
175480, 0, 5

Learning Outcome
Effectively present course content and other educational achievements to potential employers through professionally prepared class presentations, written materials and reports, and online portfolio.

EXDM 423 - Experience Insights

Course Information

Teaching Area (new)
EXDM

Course Number
423

Teaching Area
EXDM

Course Title
Experience Insights

Course Description
Survey design and data analysis skills for data-informed decisions to demonstrate experience value. Analyses include descriptive statistics, bivariate relations and comparisons, and introduction to multiple regression. Data visualization and data storytelling.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:

No selection provided

Learning Outcomes

Title
Questionnaire Design

Tags
213382, 0, 2

Learning Outcome

Design effective and efficient digital questionnaires for conducting surveys as well as to be used in experimental settings.

Title
Statistical Analyses

Tags
213385, 0, 4

Learning Outcome

Perform basic descriptive, bivariate, and multivariate statistical analyses related to evaluating KPIs and their drivers.

Title
Data Visualizations

Tags
213383, 0, 5

Learning Outcome

Demonstrate ability to create data visualizations using an online platform

Title
Inspired Learning

Tags
213386, 0, 6

Learning Outcome

Reflect on and record the role of inspiration in their learning and application of course content as well as how course content inspired them to want to become skilled at gathering experience insight.

EXDM 430 - Current Trends and Opportunities in the Experience Economy

Course Information

Teaching Area (new)
EXDM

Course Number
430

Teaching Area
EXDM

Course Title
Current Trends and Opportunities in the Experience Economy

Course Description
Explore current trends and entrepreneurship opportunities in the experiential segment of the consumer economy.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Only available to experience design and management students

Learning Outcomes

Title
Experience Economy

Tags
212982, 0, 1

Learning Outcome
Inspire student knowledge and appreciation of the history of the experience economy.

Title
Trends

Tags
212983, 0, 2

Learning Outcome
Develop student ability to spot and understand trends and best practices in experiential consumer businesses.

Title
Business Creation

Tags
212984, 0, 3

Learning Outcome
Increase student confidence in starting their own business in the experience economy.

EXDM 431 - Guest, Visitor, and Customer Experience Management

Course Information

Teaching Area (new)
EXDM

Course Number
431

Teaching Area
EXDM

Course Title
Guest, Visitor, and Customer Experience Management

Course Description
Focus on intentional customer experience management. How customer experience management can be a catalyst for organizations becoming more experience centric. Learn how to advocate for intentional customer experience management within organizations.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Only available to experience design and management majors

Learning Outcomes

Title
Measurement

Tags
212985, 0, 1

Learning Outcome
Develop customer experience measurement principles strategies, and metrics to align with business goals and cross-functionally govern customer experience programs.

Title
Training

Tags
212986, 0, 2

Learning Outcome
Develop training and incentive programs to activate an organization around customer experience.

Title
Responsiveness

Tags
212987, 0, 3

Learning Outcome
Develop capabilities necessary to help an organization be responsive to customer needs, wants, and perceptions.

EXDM 432 - Emotional Intelligence for Experience Designers

Course Information

Course Number
432

Teaching Area
EXDM

Course Title
Emotional Intelligence for Experience Designers

Course Description
Emotional intelligence is key to becoming effective experience designers and managers. Utilize Deliberative Dialogues as a modality to help students develop and practice empathy, self-awareness, self-regulation, and social skills (specifically positive communication and civil discourse).

Department
Management

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Emotional Intelligence

Tags
213795, 0, 1, 2023-08-29 09:01:05

Learning Outcome
Explain how different aspects of emotional intelligence will help them become an effective experience designer and manager.

Title
Christ-like

Tags
213796, 0, 2, 2023-08-29 09:01:06

Learning Outcome
Become more Christ-like and charitable as they develop and practice empathy and positive communication skills to communicate respectfully on difficult issues.

Title
Value Others

Tags
213797, 0, 3, 2023-08-29 09:01:08

Learning Outcome
Consider and value others' perspectives and experiences.

Title
Societal Issues

Tags
213798, 0, 4, 2023-08-29 09:01:10

Learning Outcome
Demonstrate how societal issues impact their area of interest in the ExDM field and the organizations and people they will be working with.

Title
Dialogue

Tags
213799, 0, 5, 2023-08-29 09:01:11

Learning Outcome
Utilize deliberative dialogue process to find common ground for action among diverse perspectives to address issues in organizations.

EXDM 490R - Topics in Experience Design and Management

Course Information

Teaching Area (new)
EXDM

Course Number
490R

Teaching Area
EXDM

Course Title
Topics in Experience Design and Management

Course Description
Special topics, mentored research, and learning experiences, including attending professional conferences, Study Abroad participation, and other learning experiences.

Department
Experience Design and Management

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

EXDM 494R - Experience Design and Management Lab

Course Information

Teaching Area (new)
EXDM

Course Number
494R

Teaching Area
EXDM

Course Title
Experience Design and Management Lab

Course Description
Hands-on lab where you apply your acquired experience design and management knowledge, insights, tools, and skills to work on real projects for businesses in various industries. You will take on a project, meet with the organization to work through the discovery phase, then ideate, prototype, experiment, measure, and iterate to build an experience focused solution for their business challenge.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
only available to experience design and management students

Learning Outcomes

Title
Real World Problem Solving

Tags
212988, 0, 1

Learning Outcome
Design and propose solutions to real-world problems to stakeholders of organizations they are working with.

Title
Solution Implementation

Tags
212989, 0, 2

Learning Outcome
Work collaboratively to manage the resulting project to meet stakeholders' expectations.

EXDM 495 - Professional Preparation in Experience Design and Management

Course Information

Teaching Area (new)
EXDM

Course Number
495

Teaching Area
EXDM

Course Title
Professional Preparation in Experience Design and Management

Course Description
Focuses on developing the professional competencies of experience design students consistent with industry expectations. Examines professional career preparation including skills assessment, portfolio building and resume writing, internship application processes, interview techniques, college-to-career transition, professional ethics and selected contemporary career building seminar topics.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Only offered to experience design and management majors

Learning Outcomes

Title
Professionalism

Tags
212990, 0, 1

Learning Outcome
Demonstrate understanding of professionalism, including professional communication, interviewing techniques, professional attire, and professional development.

Title
Resume

Tags
212991, 0, 2

Learning Outcome
Articulate a clear (or effective) value proposition and a personal brand statement in a resume, cover letter, and on public professional profiles.

Title
Internship

Tags
212992, 0, 3

Learning Outcome
Articulate the educational and professional values in an academic internship, including summarizing the responsibilities of the students, placement sites, and the academic department during the internship experience.

Title
Networking

Tags
212993, 0, 4

Learning Outcome
Demonstrate an understanding of the value of professional networking as a function of making the college to career transition and demonstrate effective networking abilities.

Title
Professional Organizations

Tags
212994, 0, 5

Learning Outcome
Demonstrate an understanding of the professional organizations in order to select organizational memberships that are congruent with career goals.

EXDM 496R - Senior Internship

Course Information

Teaching Area (new)
EXDM

Course Number
496R

Teaching Area
EXDM

Course Title
Senior Internship

Course Description
300-hour internship in Experience Design & Management where students apply junior core coursework, build NACE career competencies, demonstrate ExDM skills, and gain experience in professionalism, career exploration, and articulating a personal professional story.

Department
Experience Design and Management

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
12

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EXDM 495 - Professional Preparation in Experience Design and Management

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Work Ethic

Tags
212996, 0, 2

Learning Outcome
Complete a 300-hr supervised internship in an employment setting or agency related to Experience Design & Management.

Title
Professionalism

Tags
212997, 0, 3

Learning Outcome
Demonstrate professionalism by applying NACE career readiness competencies such as accountability, initiative, and adaptability in an experience design work environment.

Title
Communication Skills

Tags
212998, 0, 4

Learning Outcome
Develop proficiency in verbal and written communication skills relevant to internship and other work settings.

Title
Core Competencies

Tags
212999, 0, 5

Learning Outcome
Apply ExDM core competencies to a several projects or initiatives that provides educational value to them and practical value to the host organization.

Title
Career Exploration

Tags
213000, 0, 6

Learning Outcome
Explore career pathways in Experience Design & Management by reflecting on their internship experience, articulating their professional story, and connecting it to future opportunities.

Title
Professional Networking

Tags
213001, 0, 7

Learning Outcome
Intentionally network with industry professionals, seek mentorship, and cultivate relationships that support long-term professional growth.

EXDM 585R - Experience Design Research Seminar

Course Information

Teaching Area (new)
EXDM

Course Number
585R

Teaching Area
EXDM

Course Title
Experience Design Research Seminar

Course Description
Introduction to terms, methodologies, and research literature relevant to current experience design and management research. Also explores relevant graduate programs and academic careers.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Consumers of Academic Research

Tags
213002, 0, 1

Learning Outcome
Skillfully consume academic research.

Title
Foundational Research Knowledge

Tags
213003, 0, 2

Learning Outcome
Demonstrate knowledge of research methods.

Title
Conversant on Current Knowledge

Tags
213004, 0, 3

Learning Outcome
Discuss current research related to experience design and management.

Title
Literature Review

Tags
213005, 0, 4

Learning Outcome
Write a brief literature review using academic resources.

Title
Familiarity with Academic Careers

Tags
213006, 0, 5

Learning Outcome
Describe the professional life of an academic.

Title
Familiar with Graduate Programs

Tags
213007, 0, 6

Learning Outcome
Discover relevant graduate programs; describe the admissions process and funding opportunities.

EXSC 151 - Introduction to Exercise Sciences

Course Information

Course Number
151

Teaching Area
EXSC

Course Title
Introduction to Exercise Sciences

Course Description
Provides new majors with an overview of the Exercise Sciences majors and department. Includes a general review of the field of exercise science and specifically addresses expectations for course work and timelines (MAP review), details on similarities and differences between the undergraduate major options (Exercise Sciences and Exercise and Wellness), introduction to the Master of Athletic Training program, and opportunities for internship and research. Also presents opportunities for introductions to EXSC faculty, career options and possibilities (presentations by practicing allied health professionals), college/ university advisement and counseling resources, and post-graduate education options.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
EXSC Overview

Learning Outcome
Students will be able to explain the role of Exercise Science in society from a historical, contemporary, and future perspective.

Title
EXSC Majors

Learning Outcome
Students will explain the similarities and differences in the undergraduate majors offered in the Department of Exercise Sciences.

Title
EXSC Opportunities and Resources

Learning Outcome
Students will demonstrate understanding of Exercise Science opportunities related to research, internship, volunteer, certifications, and post-graduate work. Students will also demonstrate knowledge of pertinent resources available through college advisement, university counseling, university accessibility, and career services.

Title
EXSC Careers

Learning Outcome
Students will demonstrate basic understanding of potential career options upon graduating with a bachelors degree in Exercise Sciences and what specific careers entail.

Title
Spiritually Strengthening

Learning Outcome
Students will discuss and appreciate the divine nature of the human body, recognize the diversity of exercise sciences and it's role in future related occupations.

EXSC 221 - Science of Wellness

Course Information

Teaching Area (new)
EXSC

Course Number
221

Teaching Area
EXSC

Course Title
Science of Wellness

Course Description
A comprehensive study of the science of wellness of the whole individual. The science of wellness draws principles from exercise sciences, biological sciences, behavioral and social sciences. The research from psychoneuroimmunology (PNI) supports specifically the holistic wellness paradigm whose focus is that every aspect of each human being, the body, mind and spirit, are involved in all wellness activities and all wellness activities affect the whole individual. Students will discover this new paradigm and experience the blending of the sciences to support the integrated nature of our being.

Department
Exercise Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Behavior Change Models

Tags
201670, 3

Learning Outcome
Understand several behavior change models and the advantages of each.

Title
Discover New Paradigm

Tags
201671, 1

Learning Outcome
Discover the significance of the wellness paradigm shift from physical, mental, social, emotional and spiritual as dimensions of wellness to them being dimensions of human nature. Have a working comprehension of the science of wellness.

Title
Epigenetics and Wellness

Tags
201673, 6

Learning Outcome
Recognize the ramifications of epigenetics for your wellness now and in the future and also the future wellness of others.

Title
Quality of Life

Tags
201714, 5

Learning Outcome
Recognize that understanding the science of wellness has the potential to improve the quality of your life and that of your family, friends and community.

Title
Research on the Integrated Nature of Human Life

Tags
201715, 4

Learning Outcome
Give examples of wellness research demonstrating the integrated nature of human life and associated wellness principles.

Title
Written Record of Wellness Experiences

Tags
201716, 7

Learning Outcome
Articulate your own comprehension of the science of wellness and the meaning it has to you through a written record of your wellness experiences throughout the course.

Title
Harmonious Integration of Human Life

Tags
201672, 0, 2

Learning Outcome
Demonstrate an understanding of the sacredness of the human body and the contribution wellness can make to the harmonious integration of the composite nature of human life-body, mind and spirit.

EXSC 320 - Basic Athletic Training

Course Information

Teaching Area (new)
EXSC

Course Number
320

Teaching Area
EXSC

Course Title
Basic Athletic Training

Course Description
Recognition, evaluation, and care of athletic injuries. Techniques in taping, preventing, and rehabilitating injuries.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PDBio 220; some majors require concurrent enrollment in ExSc 321. Check MAP requirements for major.

Note
Concurrent registration in EXSC 321 may be required. Please check the MAP for your major.

Learning Outcomes

Title
Responsibilities, Roles, and Tasks

Tags
201397, 1

Learning Outcome
Review general responsibilities, roles, and tasks of athletic trainers, physical therapists, and otherallied health professionals involved in sports medicine.

Title
Musculoskeletal Injuries

Tags
201398, 2

Learning Outcome
Learn assessment, first aid, and treatments for common musculoskeletal injuries.

Title
Injury Prevention

Tags
201399, 3

Learning Outcome
Examine methods of injury prevention including conditioning principles, environmental hazards,and protective equipment.

Title
Application

Tags
201400, 5

Learning Outcome
Apply knowledge to practical situations.

Title
Resources

Tags
201521, 4

Learning Outcome
Learn and utilize resources available to sports medicine professionals.

EXSC 321 - Basic Athletic Training Lab

Course Information

Teaching Area (new)
EXSC

Course Number
321

Teaching Area
EXSC

Course Title
Basic Athletic Training Lab

Course Description
Lab with techniques in preventing the injured through taping, wrapping, bracing and padding, and for treating and transporting injuries by splinting, wrapping, using ambulatory aids and spine boarding.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Other Prerequisites
Concurrent enrollment in ExSc 320

Note
Concurrent registration in EXSC 320 may be required. Please check the MAP for your major.

Learning Outcomes

Title
Taping

Tags
201401, 1

Learning Outcome
Demonstrate competency and proficiency in taping the ankle, foot, lower leg, knee, thigh/hip,shoulder, elbow, wrist, thumb, and finger joints.

Title
Wrapping

Tags
201402, 2

Learning Outcome
Demonstrate competency and proficiency in wrapping the ankle, foot, lower leg, thigh/hip,shoulder, elbow, wrist, thumb, and finger joints.

Title
Wound Care Management

Tags
201717, 3

Learning Outcome
Demonstrate competency and proficiency in wound care management.

Title
Injury Evaluation

Tags
201718, 4

Learning Outcome
Demonstrate competency and proficiency in injury evaluation.

Title
Injury Treatment Management

Tags
201719, 5

Learning Outcome
Demonstrate competency and proficiency in injury treatment management.

Title
Spineboarding and Splinting

Tags
201720, 6

Learning Outcome
Demonstrate competency and proficiency in spineboarding and splinting.

EXSC 349 - Body, Mind, Spirit

Course Information

Teaching Area (new)
EXSC

Course Number
349

Teaching Area
EXSC

Course Title
Body, Mind, Spirit

Course Description
Sacredness of the body and its meaningfulness to the whole being. Comparative approach utilizing ideas from the restored gospel and Western and Eastern philosophy (nature of being).

Department
Exercise Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Thinking Regarding the Nature of Being

Tags
201676, 0

Learning Outcome
Enhance understanding of the divine nature of human life.

Title
Inherent Worth of Each Soul, Body and Spirit

Tags
201678, 2

Learning Outcome
Enhance reverence for the inherent worth of one's own life including body and spirit and for each other individual.

Title
Philosophy Behind a Wellness Lifestyle

Tags
201679, 3

Learning Outcome
Identify attitudes and behaviors that contribute to your wellness and those that will assist others in living a healthy lifestyle.

Title
Body, Mind, Spirit Integration

Tags
201677, 0, 1

Learning Outcome
Apply concepts from discussion and reading to live life as a fully integrated being, body, mind and spirit.

EXSC 350 - Research Methods and Evidence Based Practices

Course Information

Teaching Area (new)
EXSC

Course Number
350

Teaching Area
EXSC

Course Title
Research Methods and Evidence Based Practices

Course Description
This class will help students: 1) develop skills to access and evaluate scientific literature, 2) value the role of systematic investigation of diverse resources in personal and professional decision making, and 3) prepare to participate in meaningful mentored research with professors.

Department
Exercise Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Evaluate

Tags
211755, 0, 1

Learning Outcome
Critically evaluate research to frame an issue.

Title
Purpose

Tags
211756, 0, 2

Learning Outcome
Students will be able to answer the question: How does participating in and evaluating research help me make informed decisions and seek after/ discern truth?

Title
Formulate

Tags
211757, 0, 3

Learning Outcome
Formulate insightful research questions.

Title
Design

Tags
211758, 0, 4

Learning Outcome
Select the most appropriate study design to answer a specific hypothesis-driven question.

Title
Communicate

Tags
211759, 0, 5

Learning Outcome
Become proficient scientific communicators through oral, visual, and written means.

Title
Balance

Tags
211760, 0, 6

Learning Outcome
Balance an individual's considerations with group conclusions in decision-making.

Title
Informed Decision-Making

Tags
211761, 0, 7

Learning Outcome
Use systematic research practices to make informed decisions in all aspects of life.

EXSC 360 - Exercise Is Medicine

Course Information

Course Number
360

Teaching Area
EXSC

Course Title
Exercise Is Medicine

Course Description
This course introduces and provides evidence for the notion that physical activity promotes optimal physical, mental, and spiritual health and is integral in the prevention and treatment of many medical conditions. Students will read and discuss current literature supporting exercise as a powerful adjunct to modern medical treatment strategies. In-class experience will involve a team-based learning approach, discussion of case studies, and practice learning and sharing with others the life-changing truth that exercise is indeed the best medicine.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Note
*Syllabus to be added to supporting documents.

Learning Outcomes

Title
1. Divine nature of the human body

Learning Outcome
1. Students will be able to recognize the divine nature of the human body as a tabernacle for their spirit, realizing that proper care of body also heals mind and spirit

Title
2. Sedentary behavior and disease

Learning Outcome
2. Students will be able to cite research evidence linking sedentary behavior to the pathophysiology of multiple disease states and early mortality

Title
3. Exercise prevents and treats disease

Learning Outcome
3. Students will be able to inspire others to action using compelling evidence that exercise may prevent development and even treat symptoms of numerous mental and physical ailments

Title
4. Modality-specific therapeutic benefits

Learning Outcome
4. Students will be able to describe specific benefits of different exercise modalities when used as therapeutic strategies for improving health and wellness

Title
5. Promote healthy aging

Learning Outcome
5. Students will be able to design exercise interventions for specific individuals who want to optimize physiological processes and enhance resilience against common age-related health conditions

EXSC 362 - Kinesiology and Biomechanics

Course Information

Teaching Area (new)
EXSC

Course Number
362

Teaching Area
EXSC

Course Title
Kinesiology and Biomechanics

Course Description
The influence of physical laws on human movement. Physical laws that will be discussed include linear and angular motion, force and torque, center of mass, fluid mechanics, and tissue mechanics.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHSCS 105 - General Physics 1

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 121 - Introduction to Newtonian Mechanics

Recommended

MATH 110 or equivalent; PDBio 220

Note

Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/EXSC-362-M002.

Learning Outcomes

Title
Course Purpose

Tags
201761, 0, 1

Learning Outcome
Students will be able to comprehend and analyze human movement mechanics, and generate recommendations for improvement or intervention.

Title
Physical Laws and Human Movement

Tags
201762, 0, 2

Learning Outcome
Demonstrate understanding of mechanical concepts (linear and angular motion, and forces) and corresponding equations.

Title
Application

Tags
201763, 0, 3

Learning Outcome
Apply the aforementioned physical concepts to human movement mechanics, especially movement relevant to sport and physical activity.

Title
Observation

Tags
201764, 0, 4

Learning Outcome
Deconstruct movement mechanics via direct observation and video.

Title
Communicate

Tags
201766, 0, 5

Learning Outcome
Communicate (listen, speak, read, and write) effectively regarding human movement mechanics.

Title
Literature

Tags
201765, 0, 6

Learning Outcome
Be able to accurately evaluate related academic peer-reviewed scientific literature.

Title
Recommendations

Tags
201767, 0, 7

Learning Outcome
Generate recommendations (as individuals and small teams) for human mechanics improvement or intervention.

EXSC 385 - Personal Training Strategies

Course Information

Teaching Area (new)
EXSC

Course Number
385

Teaching Area
EXSC

Course Title
Personal Training Strategies

Course Description
The art and science of personal fitness training for healthy adults, utilizing safe and effective techniques to develop and maintain optimal functional fitness (proper posture, balance, joint mobility, and stability), and optimal physical fitness (cardiorespiratory endurance, flexibility, muscular strength, and power).

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
CELL 220

Note
For Exercise and Wellness majors only.

Learning Outcomes

Title
Preparing to Certify as a CPT

Tags
201504, 1

Learning Outcome
Prepare to certify as a Certified Personal Trainer (CPT) through the National Academy of Sports Medicine (NASM)

Title
Essential Concepts and Principles of Functional Fitness

Tags
201680, 0

Learning Outcome
Explain and apply the essential concepts and principles of human movement science, anatomy, exercise physiology; biomechanics, motor learning; functional fitness assessment; stability training, mobility training, core training, balance training, reactive training, resistance training, cardiorespiratory training; exercise programming; nutrition and weight management; safety and injury prevention in an understandable and accurate way

EXSC 387 - Lifestyle and Chronic Disease Prevention

Course Information

Teaching Area (new)
EXSC

Course Number
387

Teaching Area
EXSC

Course Title
Lifestyle and Chronic Disease Prevention

Course Description
Current scientific evidence demonstrating how lifestyle affects disease processes. Healthy lifestyle concepts specifically needed by wellness professionals, health educators, and health promotion practitioners; influence of unhealthy lifestyle as basis for chronic diseases, i.e., cardiovascular disease, cancer, and diabetes.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Interpretation of Statistical Techniques

Tags
201492, 2

Learning Outcome
Understand the use and interpretation of statistical techniques used in scientific papers on health and lifestyle

Title
Gaining Knowledge to Help Others

Tags
201538, 4

Learning Outcome
Gain knowledge needed to help others adopt and maintain a healthy lifestyle

Title
Scientific Literature

Tags
201545, 3

Learning Outcome
Become familiar with the scientific literature that supports healthy living

Title
Healthy Lifestyles

Tags
201493, 0, 1

Learning Outcome
Develop an awareness of what constitutes a healthy lifestyle

EXSC 399R - Huntsman World Senior Games Internship

Course Information

Teaching Area (new)
EXSC

Course Number
399R

Teaching Area
EXSC

Course Title
Huntsman World Senior Games Internship

Course Description
On-the-job experience for Huntsman World Senior Games interns.

Department
Exercise Sciences

When Taught
Fall Term 1.

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Work-Related Experience

Tags
211704, 0, 1, 2022-02-02 11:47:32

Learning Outcome
Gain work-related experience conducting health screenings for HWSG participants as an internship experience.

EXSC 399R - Exercise Sciences Internship

Course Information

Teaching Area (new)
EXSC

Course Number
399R

Teaching Area
EXSC

Course Title
Exercise Sciences Internship

Course Description
EXSC 399R is an academic internship in which student learning is enhanced through practical work experiences supervised by a qualified professional mentor. Students will engage in an experiential learning framework of intention, integration, and reflection to identify and develop professional skills and competencies and apply them to future career or life plans.

Department
Exercise Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Internship Coordinator's approval

Type
Prerequisite

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Intention - Create Learning Objectives

Learning Outcome
Create individualized learning objectives focused on the development of professional skills and competencies.

Title
Integration - Develop Professional Skills

Learning Outcome
Develop professional skills and competencies and gain work-related experience by completing an exercise science internship.

Title
Reflection - Apply Learning

Learning Outcome
Reflect on professional skills and competencies and how they can be used in future career or life plans.

Title
Inspiring Learning

Learning Outcome
Create habits of self-evaluation and reflection that lead to life-long learning and eternal progression.

EXSC 410 - Stress Management

Course Information

Teaching Area (new)
EXSC

Course Number
410

Teaching Area
EXSC

Course Title
Stress Management

Course Description
Teaches students the basic principles, theories, and relaxation techniques to effectively manage personal stress. Students gain a greater understanding of the mind-body relationship, learn to employ a holistic approach to stress, and adopt effective cognitive, coping, and relaxation techniques. Ultimately, students experience a more effective approach to optimal lifelong health.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Relaxation Techniques

Tags
201520, 5

Learning Outcome
Understand the principles behind the various relaxation techniques and be able to apply these techniques to managing stress.

Title
Strategies

Tags
201537, 4

Learning Outcome
Be able to develop strategies to reduce daily stressors.

Title
Physiological Mechanisms

Tags
201542, 1

Learning Outcome
Master the basic understanding of the physiological mechanisms responsible for the fight-or-flight response and subsequent manifestations of various symptoms of target organ dysfunctions. Be able to apply this understanding to stress management and disease prevention.

Title
Mind, Body, and Spirit

Tags
201549, 2

Learning Outcome
Understand and discuss the holistic nature (mind-body-spirit) of stress management and comprehend the mind-body connection of the stress and disease process.

Title
Recognizing Potential Stressors

Tags
201685, 3

Learning Outcome
Be able to recognize potential stressors and develop strategies to prevent (or reduce the magnitude of) these stressors from eliciting a stress response.

EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

Course Information

Teaching Area (new)
EXSC

Course Number
440

Teaching Area
EXSC

Course Title
Advanced Musculoskeletal Human Anatomy (includes lab)

Course Description
Advanced examination of structure and function of skeletal, articular, muscular, and peripheral nervous systems with clinical applications; cadaver lab included.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)

Other Prerequisites
Majors Only

Recommended
ExSc 362 or equivalent

Note

You must register for BOTH a Lecture section (4.0) AND a Lab section (0.0). Register for a lecture section first, then get on the Waitlist for the lab section of your choice. Each lab section is limited to 12 students.

Learning Outcomes

Title
Anatomical Knowledge

Tags
201471, 0, 2

Learning Outcome
Students will accurately communicate anatomical and medical information related to the musculoskeletal system using appropriate terminology in both written and oral forms in preparation for service in their communities and success in their chosen profession.

Title
Movement

Tags
201470, 0, 1

Learning Outcome
Students will integrate knowledge of skeletal, nervous, articular, ligamentous, and muscular structures to explain their functional roles and analyze human movement during exercise in both normal and pathological musculoskeletal conditions.

Title
Spiritually Strengthening

Learning Outcome
Students will reflect on and articulate how the structure and function of the human body deepens reverence for its divine nature and testify of God's design as part of our mortal experience and Heavenly Father's plan for salvation and exaltation for us, His children.

Title
Anatomical Knowledge

Learning Outcome
Students will accurately communicate anatomical and medical information related to the musculoskeletal system using appropriate terminology in both written and oral forms in preparation for service in their communities and success in their chosen profession.

Title
Movement

Learning Outcome
Students will integrate knowledge of skeletal, nervous, articular, ligamentous, and muscular structures to explain their functional roles and analyze human movement during exercise in both normal and pathological musculoskeletal conditions.

Title
Spiritually Strengthening

Learning Outcome
Students will reflect on and articulate how the structure and function of the human body deepens reverence for its divine nature and testify of God's design as part of our mortal experience and Heavenly Father's plan for salvation and exaltation for us, His children.

EXSC 455 - Worksite Health Promotion

Course Information

Teaching Area (new)
EXSC

Course Number
455

Teaching Area
EXSC

Course Title
Worksite Health Promotion

Course Description
Managing, designing, marketing, implementing, assessing, and administering health promotion programs in a worksite setting.

Department
Exercise Sciences

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EXSC 387 - Lifestyle and Chronic Disease Prevention
  AND EXSC 463 - Exercise Physiology

Learning Outcomes

Title
Health Promotion Concept

Tags
201466, 1

Learning Outcome
Be able to demonstrate an understanding of the health promotion concept, historical background of worksite health promotion programs, and the rationale for companies to provide a health promotion program. This objective will be accomplished through class lecture/discussion and students will be evaluated through quizzes and exams.

Title
Worksite Health Promotion Program

Tags
201468, 7

Learning Outcome
Develop a worksite health promotion program through a semester class project.

Title
Health Displays

Tags
201469, 8

Learning Outcome
Have the opportunity to work in conjunction with a team to develop a health display to be presented to the class.

Title
Components of Worksite Health Promotion Programs

Tags
201703, 2

Learning Outcome
Better understand each of the following components in the design and execution of a worksite health promotion program: determining needs and interests of employers and employees, writing vision/mission/goal statements, best practices, creating a company culture of wellness, launching a program, incentives/rewards, and company wellness policies. This will be accomplished through lectures and a semester project.

Title
Health Assessments

Tags
201704, 3

Learning Outcome
Increase understanding of effective health assessments and how to interpret the assessments. This will be accomplished through lectures and evaluated through quizzes and exams.

Title
Evaluating Programs

Tags
201705, 4

Learning Outcome
Increase understanding of how to effectively evaluate programs. This will be accomplished through lectures and evaluated through quizzes and exams.

Title
Practical Experience

Tags
201706, 6

Learning Outcome
Gain practical experience and learn from experts in the field. This will be accomplished through the following: 1) each student will critique an existing worksite wellness program and present the findings to the class, 2) approximately 5 class periods will be devoted to studying transcripts of various interviews with experts in the field, and 3) 5 class periods will include visiting lecturers who are currently working in the field.

Title
Essential Elements

Tags
201467, 0, 5

Learning Outcome
Be able to demonstrate the essential elements of common worksite health promotion programs such as physical activity, nutrition, weight management, medical self-care, stress management, substance abuse/ tobacco control, and back care programs. This will be accomplished through lectures and class presentations.

EXSC 460 - Orthopaedic Impairments and Therapeutic Exercise

Course Information

Teaching Area (new)
EXSC

Course Number
460

Teaching Area
EXSC

Course Title
Orthopaedic Impairments and Therapeutic Exercise

Course Description
Fundamentals of body mechanics and therapeutic exercise, coupled with kinesiological principles for detection and correction of basic neuromusculoskeletal anomalies.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)
  AND EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

Learning Outcomes

Title
Osteokinematic and Arthrokinematic Movement

Tags
201438, 2

Learning Outcome
Demonstrate an understanding of traditional, osteokinematic and arthrokinematic movement

Title
Postural Evaluation

Tags
201440, 4

Learning Outcome
Be able to perform a postural evaluation, both grossly and at individual joints

Title
Etiology

Tags
201441, 5

Learning Outcome
Demonstrate an understanding of the etiology, clinical significance and treatment of congenital and acquired orthopedic impairments of the upper and lower extremities and trunk.

Title
Writing Therapeutic Exercise Programs

Tags
201442, 6

Learning Outcome
Where applicable, be able to write a therapeutic exercise program for the orthopedic impairments discussed in class.

Title
Normal and Pathologic Gait

Tags
201443, 7

Learning Outcome
Demonstrate an understanding of normal and pathologic gait

Title
Basic Orthopedic Terminology

Tags
201732, 1

Learning Outcome
Upon completion of this class students will be able to accomplish the following: Demonstrate an understanding of basic orthopedic terminology dealing with posture, movement and pathology.

Title
Therapeutic Exercise

Tags
201439, 0, 3

Learning Outcome
Demonstrate an understanding of therapeutic exercise: particularly active-resistive exercise, manual muscle testing and manual exercise and stretching.

EXSC 462 - Clinical Biomechanics

Course Information

Teaching Area (new)
EXSC

Course Number
462

Teaching Area
EXSC

Course Title
Clinical Biomechanics

Course Description
Advanced biological and mechanical perspectives into the etiology, diagnosis, and therapeutic resolution of common musculoskeletal disorders.

Department
Exercise Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)
  AND EXSC 362 - Kinesiology and Biomechanics

OR

Prerequisites

Complete ALL of the following Courses:

- CE 204 - Engineering Mechanics--Dynamics

Learning Outcomes

Title
Anatomy

Tags
211181, 0, 2

Learning Outcome
Describe anatomical structures involved in common musculoskeletal disorders.

Title
Epidemiology

Tags
211182, 0, 3

Learning Outcome
Understand the epidemiology related to aforementioned disorders.

Title
Tissue Mechanics

Tags
211180, 0, 1

Learning Outcome
Understand basic mechanical principles guiding tissue mechanics.

Title
Healthy Mechanics & Pathomechanics

Tags
211183, 0, 4

Learning Outcome
Identify biomechanical (cellular level/tissue level mechanics, as well as system-level mechanics) principles important to a comprehensive understanding of key components of common musculoskeletal disorders.

Title
Scientific Literature & Presentation Skills

Tags
211184, 0, 5

Learning Outcome
Identify biomechanical (cellular level/tissue level mechanics, as well as system-level mechanics) principles important to a comprehensive understanding of key components of common musculoskeletal disorders.

EXSC 463 - Exercise Physiology

Course Information

Teaching Area (new)
EXSC

Course Number
463

Teaching Area
EXSC

Course Title
Exercise Physiology

Course Description
The function of the physiological systems and their responses to acute and chronic exercise.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 362 - Advanced Physiology

Recommended
Concurrent enrollment in ExSc 464

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/EXSC-463-M002.

Learning Outcomes

Title
Nervous System

Tags
201567, 2

Learning Outcome
Describe the function of sympathetic, parasympathetic, and somatic motor neurons, including differences in structure, neurotransmitters, receptors and efferent organs.

Title
Depolarization of Skeletal Muscle

Tags
201568, 3

Learning Outcome
Describe the depolarization of skeletal muscle beginning at the spinal cord and ending with the contraction of the muscle fiber.

Title
Cardiovascular System

Tags
201569, 5

Learning Outcome
Describe the normal anatomy and physiology of the heart, blood, and blood vessels; describe the normal function of the cardiovascular system at rest and during exercise.

Title
Anaerobic and Aerobic Metabolic Pathways

Tags
201571, 7

Learning Outcome
Describe the substrates used, amount and rate of ATP resynthesized, metabolic end products, and control of anaerobic and aerobic metabolic pathways.

Title
System Interaction

Tags
201572, 8

Learning Outcome
Describe the interaction of the nervous, muscle, cardiovascular, pulmonary, and metabolic systems at rest and during exercise.

Title
Adaptation to Physical Conditioning

Tags
201573, 9

Learning Outcome
Describe the responses to acute bouts of exercise and the mechanisms of the observed response, and the physiological adaptations which occur as a result of physical conditioning.

Title
Principles of Physical Conditioning

Tags
201574, 10

Learning Outcome
Describe the physiological rationale for applying the eight principles of physical conditioning to improve health, fitness, and performance.

Title
Skeletal Muscle Fiber Types

Tags
201723, 4

Learning Outcome
Describe the anatomical, physiological, and functional differences between the three types of human skeletal muscle fibers.

Title
Appreciation for How the Human Body Functions

Tags
201566, 0, 1

Learning Outcome
Describe how the human body functions and maintains homeostasis during the increased metabolic demands of exercise.

Title
Transportation and Diffusion of O2 and CO2

Tags
201570, 0, 6

Learning Outcome
Describe the transportation and diffusion of O2 and CO2 through the pulmonary and systemic circuits at rest and during exercise.

EXSC 464 - Exercise Physiology Lab

Course Information

Teaching Area (new)
EXSC

Course Number
464

Teaching Area
EXSC

Course Title
Exercise Physiology Lab

Course Description
Introduction of laboratory and field methods; applying principles of exercise physiology to assessing physical fitness and physiological responses to exercise.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
ExSc 463 or concurrent enrollment

Note
Each section meeting on the same day will meet every third time (e.g., 1st week, 2nd week, 3rd week, etc.)

Learning Outcomes

Title
Experiencing and Applying Knowledge of Exercise Physiology

Tags
201707, 0, 1

Learning Outcome
The purpose of this laboratory course is to experience basic exercise physiology principles regarding the cardiovascular, respiratory, metabolic and skeletal muscle systems. The labs are designed to give students practice in assessing and thinking critically about the physiology of exercise.

EXSC 466 - Introduction to Electrocardiograms

Course Information

Teaching Area (new)
EXSC

Course Number
466

Teaching Area
EXSC

Course Title
Introduction to Electrocardiograms

Course Description
Cardiovascular physiology and conduction pathways of the heart. Resting and exercise 12-lead ECG preparation, recording and interpretation of normal ECG patterns, myocardial infarctions, and common atrial and ventricular arrhythmias. This course takes an approach to understanding ECGs applicable to students in exercise science-related fields of study and occupations, including the allied health or medical professions.

Department
Exercise Sciences

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CELL 305 - Human Physiology

Learning Outcomes

Title
Nervous System and Depolarization of the Heart

Tags
201781, 0, 1

Learning Outcome
Explain the neural innervation of the heart and the control of heart rate.
Describe the normal depolarization of the heart including conduction pathways.
Describe and draw the vectors of the normally depolarized heart.

Title
Interpretation of ECGs

Tags
201784, 0, 4

Learning Outcome
Explain the "view" of the heart from the perspective of each ECG lead.
Describe the normal P wave, PR segment, QRS complex, J point and T wave in each of the 12 leads of an ECG.
Describe the appearance of wave forms in contiguous and reciprocal leads.
Recognize a normal rhythm and the characteristics of variations of the normal sinus rhythm, early repolarization, conduction blocks, atrial and ventricular premature or junctional beats, fibrillations, tachycardias, flutters, ventricular hypertrophy, and acute coronary syndromes.

Title
Laboratory Skills and Practices

Tags
201787, 0, 8

Learning Outcome
Prepare a subject for and record a resting 12-lead ECG.
Evaluate a resting ECG using the 9 Steps to Interpret an ECG.

EXSC 468 - Exercise Prescription

Course Information

Teaching Area (new)
EXSC

Course Number
468

Teaching Area
EXSC

Course Title
Exercise Prescription

Course Description
Applying knowledge of human physiology in developing appropriate exercise programs for individuals with a variety of needs and fitness levels; using the effects of exercise to improve health and quality of life.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
Preparticipation Screening

Tags
201552, 0, 2, 2022-08-31 13:39:38

Learning Outcome
Students will perform preparticipation screening to minimize the risk of participation in an exercise program.

Title
Assessments

Tags
201553, 0, 3, 2022-08-31 13:39:38

Learning Outcome
Select appropriate cardiorespiratory fitness, muscular strength/endurance, and flexibility assessments to tailor exercise prescription and provide personal feedback during goal attainment.

Title
Programs for Healthy Adults

Tags
201557, 0, 4, 2022-08-31 13:39:38

Learning Outcome
Create a personalized activity or exercise program that will enable an apparently healthy individual to accomplish a specific physical, health, or performance goal.

Title
Adapted Programs

Tags
201554, 0, 5, 2022-08-31 13:39:38

Learning Outcome
Tailor exercise programs to individuals with controlled chronic disease or musculoskeletal limitations.

Title
Programs for All Ages

Tags
201555, 0, 6, 2022-08-31 13:39:38

Learning Outcome
Prescribe life-stage-appropriate exercise programs for individuals across the lifespan.

Title
Motivation

Tags
201556, 0, 7, 2022-08-31 13:39:38

Learning Outcome
Motivate successful behavior change in others and promote continued progress toward their personal goals.

EXSC 470 - Functional Neuroanatomy

Course Information

Teaching Area (new)
EXSC

Course Number
470

Teaching Area
EXSC

Course Title
Functional Neuroanatomy

Course Description
Function, assessment, and rehabilitation of sensory and motor systems.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- EXSC 440 - Advanced Musculoskeletal Human Anatomy (includes lab)

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)

Learning Outcomes

Title
Neuroanatomy

Tags
201725, 0, 1

Learning Outcome
Students will appreciate the divine complexity of the nervous system in light of both science and faith.
Students will be able to characterize key neuroanatomical landmarks by functional system.
Students will be able to discuss the anatomical structure of the human brain.
Students will be able to discuss the function of the somatosensory and motor systems.
Students will be able to interpret signs and symptoms of peripheral nerve issues for the purpose of detecting the site of dysfunction.
Students will be able to evaluate appropriate sensory tests to discriminate peripheral vs central nerve lesions.

EXSC 480 - Obesity and Weight Management

Course Information

Teaching Area (new)
EXSC

Course Number
480

Teaching Area
EXSC

Course Title
Obesity and Weight Management

Course Description
Review of the scientific literature surrounding obesity and weight management, primarily the causes and consequences of this growing epidemic.

Department
Exercise Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- EXSC 463 - Exercise Physiology

Learning Outcomes

Title
Assessment Methods

Tags
201530, 0, 2

Learning Outcome
Compare and contrast the various methods of assessing overweight/obesity, including the key contributors to energy balance: body composition, diet, and physical activity.

Title
Treatment Strategies

Tags
201519, 0, 3

Learning Outcome
Discuss the relative efficacy of leading strategies for treating overweight/obesity including: diet, physical activity, behavioral, pharmacological, and surgical interventions.

Title
Eating Disorders

Tags
212191, 0, 4

Learning Outcome
Recognize characteristics of common eating disorders and describe current treatment strategies for these disorders.

Title
Weight Management Experience

Tags
201547, 0, 5

Learning Outcome
Create and implement an appropriate personal program, supported by evidence from peer-reviewed literature, that can effectively change your weight or otherwise improve your health.

Title
Impact of Obesity

Tags
201514, 0, 1

Learning Outcome
Describe the historical framework, prevalence, etiology, costs, and social/economic/health consequences of overweight/obesity in adults and children.

EXSC 485 - Exercise and Wellness Certification Preparation

Course Information

Teaching Area (new)
EXSC

Course Number
485

Teaching Area
EXSC

Course Title
Exercise and Wellness Certification Preparation

Course Description
Review of exercise and wellness certification competencies and curriculum with preparation for professional certification.

Department
Exercise Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Senior status

Learning Outcomes

Title
Essential Concepts and Principles of Pathophysiology

Tags
201510, 0

Learning Outcome
Explain and apply the essential concepts and principles of pathophysiology; exercise physiology; health appraisal and fitness testing; exercise programming; nutrition and weight management; anatomy and biomechanics; human behavior and psychology; human development and aging; and safety and injury prevention in an understandable and accurate way

Title
Preparing to Certify as an HFS

Tags
201540, 0

Learning Outcome
Prepare to certify as a Health and Fitness Specialist (HFS) through the American College of Sports Medicine (ACSM)

EXSC 488 - Motor Control

Course Information

Course Number
488

Teaching Area
EXSC

Course Title
Motor Control

Course Description
This upper level exercise sciences course will synthesize neuromuscular and biomechanical principles from other courses in the department (i.e., EXSC 362, 440 and 463) and introduce new physiological principles that direct healthy, purposeful control of voluntary movement. Course concepts will include (1) neuromuscular anatomy and physiology, (2) biomechanics of single- and multi-joint systems, (3) current questions and pressing problems related to healthy and pathological control of voluntary movement, (4) current approaches to improving athletic performance, and (5) overcoming orthopedic and neuromuscular impairments.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

EXSC 362 Kinesiology and Biomechanics

Type
Prerequisite

EXSC 440 Advanced Musculoskeletal Human Anatomy (includes lab)

Type
Prerequisite

EXSC 463 Exercise Physiology

Type
Prerequisite

Recommended
Undergraduate physics, anatomy and physiology (PHSCS 105 OR 121, CELL 220, CELL 305 or 362)

Learning Outcomes

Title
Therapeutic application of motor control concepts

Learning Outcome
Students will be able to indentify therapeutic interventions to treat common neuromuscular and musculoskeletal pathologies that impair voluntary movement through the application of motor control concepts.

Title
Evaluate lay and scientific literature to locate and identify sound science and recommendations

Learning Outcome
Students will learn to critically evaluate related peer-reviewed scientific literature as well as confidently navigate the lay literature and media to become effective advocates for reasonable interpretations of good science.

Title
Communicate within the discipline

Learning Outcome
Students will be able to effectively communicate (speak, listen, write, and read) about current issues in applied motor control to a typical practitioner and patient population.

Title
Understand principles of anatomy and physiology

Learning Outcome
Students will demonstrate understanding of the anatomical and physiological facets of the neural, muscular and skeletal systems that are important to control of able-bodied voluntary movement.

Title
Increased appreciation for the blessing of the physical body

Learning Outcome
Students will consider how the work of exercise and rehabilitation helps us to follow Heavenly Father's plan for us to use and respect our bodies.

EXSC 497R - Undergraduate Research and Study

Course Information

Teaching Area (new)
EXSC

Course Number
497R

Teaching Area
EXSC

Course Title
Undergraduate Research and Study

Course Description
Individual research and study in any area of exercise science.

Department
Exercise Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Note
While you can take 497R as many times as you want, only a total of 3 credits can be applied to Requirement 2.

Learning Outcomes

Title
Mentored Student Learning

Tags
201473, 1

Learning Outcome
To provide the undergraduate student with a mentored learning experience specifically in exercise science related research

EXSC 498 - Capstone Experience in Athletic Training

Course Information

Teaching Area (new)
EXSC

Course Number
498

Teaching Area
EXSC

Course Title
Capstone Experience in Athletic Training

Course Description
Synthesizing and integrating student classroom and clinical experiences in preparation for BOC examination resulting in certification of allied health professionals.

Department
Exercise Sciences

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Senior standing in athletic training education program

Note
Course should be taken last semester prior to graduation.

Learning Outcomes

Title
BOC Exam Registration Process

Tags
201450, 1

Learning Outcome
Explain, describe and complete the BOC exam registration process.

Title
Exam Preparation Schedule

Tags
201451, 2

Learning Outcome
Design and follow athletic training content exam preparation schedule.

Title
Significance of BOC Certification

Tags
201452, 4

Learning Outcome
Explain the significance of BOC certification and state regulation for the athletic training profession.

Title
Emergency Plans

Tags
201453, 6

Learning Outcome
Develop and implement emergency plans in the practice of athletic training.

Title
Legal Issues

Tags
201454, 7

Learning Outcome
Explain legal issues facing athletic trainers.

Title
Technology and Information Management

Tags
201455, 8

Learning Outcome
Explain the role of technology and information management in athletic training settings.

Title
Requirements to Maintain BOC Certification

Tags
201456, 9

Learning Outcome
Understand the requirements to maintain BOC certification.

Title
NATA Education Council Competencies

Tags
201457, 11

Learning Outcome
Have completed all NATA Education Council competencies.

Title
Possibilities of Practice in AT

Tags
201710, 3

Learning Outcome
Understand the possibilities of practice in Athletic Training.

Title
Deficiencies in Knowledge and Skills

Tags
201711, 5

Learning Outcome
Define deficiencies in your athletic training education knowledge and skills.

Title
Motto

Tags
201712, 10

Learning Outcome
BOC Exam Preparation = Professional Practice Preparation

EXSC 501 - Pathophysiology for the Athletic Trainer

Course Information

Teaching Area (new)
EXSC

Course Number
501

Teaching Area
EXSC

Course Title
Pathophysiology for the Athletic Trainer

Course Description
Foundational understanding of the physiology underlying common systemic diseases. Recognize, evaluate and differentiate common systemic diseases.

Department
Exercise Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
EXSC 463; EXSC 463; EXSC 464

Learning Outcomes

Title
Basic Knowledge of Human Anatomy and Physiology

Tags
201736, 0, 1, 2022-08-12 10:59:22

Learning Outcome
Synthesize basic knowledge of human anatomy and physiology to develop knowledge of the causes, pathophysiology, and clinical features of the various conditions affecting the body.

Title
Clinico-Pathological Signs and Symptoms

Tags
201463, 0, 9, 2022-08-12 10:59:22

Learning Outcome
Evaluate clinico-pathological signs and symptoms for specific medical conditions that assist the sport medicine/allied health care clinician in correlating findings in determining the course of action for illness and disease.

EXSC 514 - Advanced Athletic Training Lab

Course Information

Teaching Area (new)
EXSC

Course Number
514

Teaching Area
EXSC

Course Title
Advanced Athletic Training Lab

Course Description
Advanced athletic training skills, including taping, bracing and splinting, custom-fitted equipment, massage and stretching techniques, and emergency splinting and transport.

Department
Exercise Sciences

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0.5

Recommended
EXSC 320 and 321

Learning Outcomes

Title
Immediate and Emergency Care

Tags
208432, 0, 3

Learning Outcome
Implement appropriate emergency treatment strategies including, but not limited to, establishing and maintaining an airway in a patient wearing shoulder pads, headgear or other protective equipment and/or with a suspected spinal injury, in multiple sports settings.

Title
Injury/Illness Prevention and Wellness Protection

Tags
208430, 0, 1

Learning Outcome
Select, fabricate, and apply appropriate protective equipment, including taping, wrapping procedures, splints, braces, and other special protective devices.
Apply protective equipment and transport as part of the comprehensive, proactive emergency action plan (EAP).

Title
Clinical Evaluation and Diagnosis

Tags
208431, 0, 2

Learning Outcome
Apply special tests and diagnostic instruments (ie, otoscope, stethoscope, ophthalmoscope, peak flowmeter, chemical "dipsticks" [or similar devices]) to accurately diagnose patients.

Title
Therapeutic Interventions

Tags
208433, 0, 4

Learning Outcome
Apply special tests and diagnostic instruments (ie, otoscope, stethoscope, ophthalmoscope, peak flowmeter, chemical "dipsticks" [or similar devices]) to accurately diagnose patients.

EXSC 515 - Therapeutic Interventions 1, Modalities

Course Information

Teaching Area (new)
EXSC

Course Number
515

Teaching Area
EXSC

Course Title
Therapeutic Interventions 1, Modalities

Course Description
Principles of therapeutic interventions: healing, hydrotherapy, massage, traction, radiant energy, heat, cold, electrotherapy and rehabilitation. Application of healing and therapeutic modality theories to injured athletes and physically active individuals.

Department
Exercise Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
EXSC 320

Learning Outcomes

Title
Treatment and Rehabilitation Using Superficial Heat

Tags
208436, 0, 2, 2019-07-01 11:39:45

Learning Outcome
Select according to appropriate parameters and properly prepare and apply: moist heat pack, paraffin treatment, warm whirlpool treatment, fluidotherapy.

Title
Use of Electrotherapy in Decreasing Pain and Muscle Spasm

Tags
208437, 0, 3, 2019-07-01 11:39:45

Learning Outcome
Select according to appropriate parameters and properly prepare and apply electrical stimulation units: monophasic stimulator (eg, high volt stimulation), biphasic stimulator (eg, TENS, NMES), direct current (eg, iontopheresis), alternating current (eg, interferential, NMES).

Title
Use of Deep Heat to Decrease Pain, Swelling, Muscle Spasm, and Atrophy

Tags
208438, 0, 4, 2019-07-01 11:39:45

Learning Outcome
Select according to appropriate parameters and properly prepare and apply thermal and nonthermal direct/indirect ultrasound treatment, sustained acoustic medicine (SAM) and pulsed shortwave diathermy.

Title
Use of Traction for Decreasing Pain and Muscle Spasm

Tags
208439, 0, 5, 2019-07-01 11:39:45

Learning Outcome
Select according to appropriate parameters and properly prepare and apply: mechanical traction, manual traction, positional traction.

Title
Therapeutic Interventions

Tags
208435, 0, 1, 2019-07-01 11:39:45

Learning Outcome
Select according to appropriate parameters, and properly prepare and apply the treatment for rehabilitation of physical injury using massage, contrast bath, cryokinetics, cold whirlpool treatment, controlled cold therapy unit, ice bag, vapo-coolant spray, ice immersion.

EXSC 516 - Orthopedic Evaluation 1: Lower Extremities

Course Information

Teaching Area (new)
EXSC

Course Number
516

Teaching Area
EXSC

Course Title
Orthopedic Evaluation 1: Lower Extremities

Course Description
Advanced principles of lower-extremity injury evaluation; evaluation techniques for the lower extremities.

Department
Exercise Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Recommended
EXSC 320 or equivalent

Learning Outcomes

Title
Immediate and Emergency Care

Tags
208447, 0, 8, 2019-07-01 11:42:38

Learning Outcome
Select proper on-the-field/off-the-field injury management techniques.

Title
Evaluation and Assessment

Tags
208440, 0, 1, 2019-07-01 11:42:38

Learning Outcome
Perform and interpret the results of fitness tests including muscular endurance, strength, agility, speed and balance.

Title
Measurement and Assessment

Tags
208442, 0, 3, 2019-07-01 11:42:38

Learning Outcome
Accurately measure the active, passive, and resistive motion using commonly accepted techniques, including the use of a goniometer, tape measure, and inclinometer.

Title
Neurological Diagnosis

Tags
210521, 0, 5

Learning Outcome
Assess neurological status, including cranial nerve function, myotomes, dermatomes and reflexes, and circulatory status.

Title
Mechanism of Injury

Tags
210523, 0, 7

Learning Outcome
Explain and/or demonstrate mechanisms of common injuries in various sports.

Title
Diagnosis

Tags
208441, 0, 2, 2019-07-01 11:42:38

Learning Outcome
Diagnose injuries through interpretation of clinical evaluation by observing, palpating, and testing tissues to determine pathologies.
Grade manual muscle testing and apply appropriate stress tests for ligamentous, capsular stability or muscle, and fractures.

Title
Documentation

Tags
210522, 0, 6

Learning Outcome
Document the results of all of the assessments including the diagnosis.

EXSC 517 - Orthopedic Evaluation 2: Upper Extremities and Trunk

Course Information

Teaching Area (new)
EXSC

Course Number
517

Teaching Area
EXSC

Course Title
Orthopedic Evaluation 2: Upper Extremities and Trunk

Course Description
Advanced principles of injury evaluation; evaluation techniques for the upper extremities and trunk.

Department
Exercise Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Clinical Evaluation Skills

Tags
208449, 0, 2, 2019-07-01 11:43:28

Learning Outcome
Measure the active, passive, and resistive joint range of motion for the entire body, including manual muscle testing.

Title
Neurologic Evaluation

Tags
208450, 0, 3, 2019-07-01 11:43:28

Learning Outcome
Perform circulatory and neurological testing, including cranial nerve testing; identify dermatomes, myotomes, and reflexes.

Title
Orthopedic Evaluation

Tags
208451, 0, 4, 2019-07-01 11:43:28

Learning Outcome
Perform orthopedic special tests to determine the stability of joints and ligaments.

Title
Evaluation of Movement and Posture

Tags
210536, 0, 6

Learning Outcome
Identify and demonstrate mechanisms of common injuries in athletic participation.

Title
Clinical Evaluation and Diagnosis

Tags
208452, 0, 5, 2019-07-01 11:43:28

Learning Outcome
Palpate bones and soft tissues, including the abdomen, internal organs, and structures to determine normal or pathological characteristics.

Title
Environmental Issues

Tags
210537, 0, 7

Learning Outcome
Identify and treat causes of environmental illness and trauma including both cold and heat related illnesses.

Title
Diagnostic Evaluation Tools

Tags
208448, 0, 1, 2019-07-01 11:43:28

Learning Outcome
Diagnose conditions by utilizing orthopedic special tests. Understand the differences in MRI, Bone Scan, CT Scan, Imaging Ultrasound, when each is used, and the indications and contraindications of each.

EXSC 518 - Therapeutic Interventions 2, Rehabilitation

Course Information

Teaching Area (new)
EXSC

Course Number
518

Teaching Area
EXSC

Course Title
Therapeutic Interventions 2, Rehabilitation

Course Description
Knowledge in and application of rehabilitation theories with regards to therapeutic exercise for injured and uninjured physically active individuals.

Department
Exercise Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
EXSC 362 and EXSC 320 or equivalents

Learning Outcomes

Title
Therapeutic Interventions

Tags
208453, 0, 1, 2019-07-01 11:44:00

Learning Outcome
Exams and case studies will be used to evaluate student's understanding of tissue healing and how therapeutic exercise affects tissue healing.

Title
Functional Progression

Tags
208454, 0, 2, 2019-07-01 11:44:00

Learning Outcome
Exams and case studies and labs will be used to evaluate student's understanding and application of the concept of functional progression and how it guides individual rehabilitation protocols. Rehabilitation is not a recipe where one treatment or progression fits all people.

Title
Therapeutic Exercise

Tags
208455, 0, 3, 2019-07-01 11:44:00

Learning Outcome
Exams, case studies, laboratories and a final project will be used to evaluate student's ability to synthesize and apply therapeutic exercise, range of motion and manual therapy techniques to enhance the goals within a rehabilitation plan for athletic injury.

Title
Return to Play

Tags
208456, 0, 4, 2019-07-01 11:44:00

Learning Outcome
Exams, case studies and a final project will be used to evaluate student's ability to synthesize the different goals of rehabilitation to be combined for any injury and condition and apply these concepts to return the patient to full activity.

Title
Rehabilitation Application to the Big Picture

Tags
208457, 0, 5, 2019-07-01 11:44:00

Learning Outcome
Exams and the final project will be used to evaluate student's ability to place rehabilitation techniques on the continuum of care in association with proper diagnosis and other therapeutic interventions and modalities.

EXSC 519 - Medical Issues in Athletic Training

Course Information

Teaching Area (new)
EXSC

Course Number
519

Teaching Area
EXSC

Course Title
Medical Issues in Athletic Training

Course Description
Discussion of current medical issues in athletic training with guest lectures by medical specialists from the community.

Department
Exercise Sciences

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
EXSC 320 or equivalent

Learning Outcomes

Title
Medical Conditions

Tags
208458, 0, 1, 2019-07-01 11:44:18

Learning Outcome
Diagnose a variety of medical conditions, given the supervising physician's direction.

Title
Therapeutic Interventions

Tags
208460, 0, 3, 2019-07-01 11:44:18

Learning Outcome
Write plans based on the surgeon's approach to repair and rehabilitation for orthopedic injuries.

Title
Treatment of Athlete Illnesses

Tags
208459, 0, 2, 2019-07-01 11:44:18

Learning Outcome
Collaborate with the medical doctor's approach to treat common illnesses and disease.

Title
Athletic Trainer's Professionalism

Tags
208461, 0, 4, 2019-07-01 11:44:18

Learning Outcome
Participate in scenarios that simulate the athletic trainer's role as it pertains to a team approach with the physician and other health care professionals.

EXSC 563 - Environmental Physiology

Course Information

Teaching Area (new)
EXSC

Course Number
563

Teaching Area
EXSC

Course Title
Environmental Physiology

Course Description
Study environmental stressors and physiological responses (neuromuscular, cardiovascular, cellular energy metabolism) during exposure to heat, cold, high altitude, hyperbaric diving, and zero-G. Examine how various physiological systems function during acute exposure to these environmental extremes.\n\n

Department
Exercise Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 362 - Advanced Physiology

Recommended

EXSC 463 or EXSC 666

Learning Outcomes

Title
Environmental stressors

Tags
212801, 0, 1, 2023-01-24 12:22:16

Learning Outcome
Students will be able to classify and prioritize environmental stressors.

Title
Physiological responses to extreme environments

Tags
212802, 0, 2, 2023-01-24 12:22:16

Learning Outcome
Students will be able to determine and evaluate the importance of specific physiological responses during physical work (exercise) in an extreme environment.

Title
Mitigate physiological stresses

Tags
212803, 0, 3, 2023-01-24 12:22:16

Learning Outcome
Students will be able to critically evaluate environmental stressors and formulate appropriate countermeasures that will mitigate the physiological stresses during exposure to environmental extremes.

Title
Limiting factors for exercise

Tags
212804, 0, 4, 2023-01-24 12:22:16

Learning Outcome
Students will be able to explain and justify the specific limiting factors associated with exercise in a given environmental exposure.

FHSS 200 - Introduction to Civic Engagement Leadership

Course Information

Teaching Area (new)
FHSS

Course Number
200

Teaching Area
FHSS

Course Title
Introduction to Civic Engagement Leadership

Course Description
Introduction to community involvement, public service, and leadership through lectures from external speakers and discussion of civic engagement.

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Service

Tags
185981, 1

Learning Outcome
Educate students on the value of public engagement and service.

Title
Leadership

Tags
185982, 2

Learning Outcome
Train students to become leaders in public service and positive "change agents" in their nations and communities.

FHSS 251R - FHSS Research Academy Seminar

Course Information

Teaching Area (new)
FHSS

Course Number
251R

Teaching Area
FHSS

Course Title
FHSS Research Academy Seminar

Course Description
This course is part of the FHSS research academy and will help students build connections with other under-represented students, identify faculty and professional mentors, and prepare for graduate school by building skills that will help with tasks such as studying for graduate entrance exams, writing letters of intent, preparing resumes and CVs, and presenting.

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the FHSS Research Academy.

FHSS 252R - FHSS Career and Leadership Academy

Course Information

Course Number
252R

Teaching Area
FHSS

Course Title
FHSS Career and Leadership Academy

Course Description
Explore your personality traits, skills, and career interests and prepare to make sound career choices, build connections with BYU alumni, improve your career efficacy, and prepare for your career pursuits after graduation.

Department
1018

When Taught
Fall and Winter

Credit Hours

Min:
1

Learning Outcomes

Title
Career Interests

Learning Outcome
Students will be able to identify and describe their career interests and personality types

Title
Self-Efficacy

Learning Outcome
Students will be able to demonstrate their confidence and self-efficacy

Title
Networking

Learning Outcome
Students will be able to describe how to build a network with help from NAC members

Title
Interview Preparation

Learning Outcome
Students will be able to create a strong resume and demonstrate communication skills in a job interview

Title
Action Plan

Learning Outcome
Students will create career goals that match their interests, personality type, and skills and describe short-term and long-term action plans to achieve them.

FHSS 300 - NULL

Course Information

Teaching Area (new)
FHSS

Course Number
300

Teaching Area
FHSS

Course Title
NULL

Course Description
This course analyzes the most effective means for being a change agent in the community. The course also teaches students critical skills of analysis, evaluation, leadership, innovation, and teamwork by requiring the design and completion of a group project involving some form of civic improvement and incorporating interaction with an external community partner.

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
FHSS 200.

FHSS 351 - Faith, Cultural Renewal, and Leadership Seminar

Course Information

Teaching Area (new)
FHSS

Course Number
351

Teaching Area
FHSS

Course Title
Faith, Cultural Renewal, and Leadership Seminar

Course Description
Introduction to the major figures, events, and locations of Civil Rights Movements, with a focus on faith, courage, culture, and leadership.

Department
1018

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Inspiring Experiential Learning

Learning Outcome
Students will be inspired by the sacrifices made by national civic, cultural, and civil rights leaders.

Title
Students will explain the causes and consequences of the actions of civil rights leaders.

Title
Applying gospel principles

Learning Outcome
Students will apply gospel principles to treat others with greater respect, empathy, and charity.

Title
Cultural renewal

Learning Outcome
Students will immerse themselves in their culture and the culture of others through the perspective of the gospel

FHSS 399R - Internship in Civic Engagement

Course Information

Teaching Area (new)
FHSS

Course Number
399R

Teaching Area
FHSS

Course Title
Internship in Civic Engagement

Course Description
This course helps students engage in a series of experiences, while on their internship, that allow them to develop and demonstrate understanding of key competencies in professional contexts. Students will learn how to harness intention, reflection, and integration of new learning to translate the value of their internship into a compelling, evidence-based narrative, tailored to an audience's needs and expectations.

Department
1018

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Other Prerequisites
Internship must be approved in advance by the Director of the Office of Civic Engagement Leadership or Director of the Washington Seminar Internship Program.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Learning Outcome
1. Students will draw from their unique internship contexts to develop key professional competencies.

Learning Outcome
2. Students will translate the value of their professional development experience through evidence-based narrative.

FHSS 400 - Civic Engagement Leadership

Course Information

Teaching Area (new)
FHSS

Course Number
400

Teaching Area
FHSS

Course Title
Civic Engagement Leadership

Course Description
Promote leadership in civic engagement through discussion of community involvement and public service, lectures from external speakers, and development of a hands-on project involving some form of public service.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- FHSS 300 - NULL

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Service

Tags
185983, 1

Learning Outcome
Educate students on the value of public engagement and service.

Title
Leadership

Tags
185984, 2

Learning Outcome
Train students to become leaders in public service and positive "change agents" in their nations and communities.

Title
Knowledge

Tags
185985, 3

Learning Outcome
Help students understand how academic research on civic engagement helps explain why people become engaged, how civic engagement organizations have adapted to changing conditions, the role of various social factors in civic engagement (income, education, religion, race, gender, etc.), and the effects of civic engagement on individuals and organizations.

Title
Experience

Tags
185986, 4

Learning Outcome
Provide models for public engagement and service among faculty, fellow students, and campus visitors with experience and expertise in various facets of civic engagement.

FIJI 100 - Language Study: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
100

Teaching Area
FIJI

Course Title
Language Study: Fijian

Course Description
Survival-level conversation, reading, listening, and culture skills in Fijian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195501, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195502, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195503, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

FIJI 101 - First-Year Language Study: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
101

Teaching Area
FIJI

Course Title
First-Year Language Study: Fijian

Course Description
Beginning speaking, listening, reading, and writing skills in Fijian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195504, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195505, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195506, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195507, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

FIJI 102 - First-Year Language Study: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
102

Teaching Area
FIJI

Course Title
First-Year Language Study: Fijian

Course Description
Second-semester speaking, listening, reading, and writing skills in Fijian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIJI 101 - First-Year Language Study: Fijian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195508, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195510, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195512, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195514, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

FIJI 201 - Second-Year Language Study: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
201

Teaching Area
FIJI

Course Title
Second-Year Language Study: Fijian

Course Description
Intermediate speaking, listening, reading, and writing skills in Fijian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIJI 102 - First-Year Language Study: Fijian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195518, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195521, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195522, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195525, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

FIJI 202 - Second-Year Language Study: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
202

Teaching Area
FIJI

Course Title
Second-Year Language Study: Fijian

Course Description
Continued emphasis on Fijian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIJI 201 - Second-Year Language Study: Fijian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195528, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195534, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195537, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195539, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

FIJI 305 - Language Skills Development: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
305

Teaching Area
FIJI

Course Title
Language Skills Development: Fijian

Course Description
Increasing proficiency in one or more of the following Fijian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195549, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195552, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197505, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

FIJI 321 - Advanced Grammar: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
321

Teaching Area
FIJI

Course Title
Advanced Grammar: Fijian

Course Description
Advance your Fijian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195553, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195557, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195559, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
330

Teaching Area
FIJI

Course Title
Advanced Language Proficiency Through Cultural Studies: Fijian

Course Description
Study of Fijian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Fiji 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195562, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195564, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195566, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195568, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

FIJI 340 - Introduction to Literature: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
340

Teaching Area
FIJI

Course Title
Introduction to Literature: Fijian

Course Description
Explore Fijian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195569, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195571, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195572, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195575, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

FIJI 350 - Advanced Language Study for Career Purposes: Fijian

Course Information

Teaching Area (new)
FIJI

Course Number
350

Teaching Area
FIJI

Course Title
Advanced Language Study for Career Purposes: Fijian

Course Description
Concentration on Fijian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIJI 330 - Advanced Language Proficiency Through Cultural Studies: Fijian

Learning Outcomes

Title
Defined Career Purposes

Tags
195578, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195579, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195582, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195585, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195587, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

FIN 180 - Finance Recruitment Preparation

Course Information

Teaching Area (new)
FIN

Course Number
180

Teaching Area
FIN

Course Title
Finance Recruitment Preparation

Course Description
Preparation for students interested in pursuing internships and jobs in finance.

Department
Finance

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

FIN 200 - Personal Finance

Course Information

Teaching Area (new)
FIN

Course Number
200

Teaching Area
FIN

Course Title
Personal Finance

Course Description
Practical course in money management and utilizing savings.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analysis

Tags
176032, 6

Learning Outcome
Learn investment tools, theory, and techniques that maximize potential return while minimizing downside risk.

Title
Financial Perspective

Tags
176063, 1

Learning Outcome
Understand a point-of-choice orientation to retirement planning and financial storehouse accumulation and maximum sharing opportunities.

Title
Application

Tags
176088, 7

Learning Outcome
Be able to protect financial assets from creditors and taxes.

Title
Technologies

Tags
176113, 5

Learning Outcome
Use state-of-the art financial technology and information sources.

Title
Wealth Accumulation

Tags
176149, 4

Learning Outcome
Focus on wealth accumulation potential of personal resource management.

Title
Planning Strategies

Tags
176184, 2

Learning Outcome
Utilize personal planning strategies that are behaviorally, spiritually, and financially efficient.

Title
Estate Plan

Tags
176211, 3

Learning Outcome
Develop an estate plan that produces legacy that thrives as assets are passed to future generations.

FIN 201 - Principles of Finance

Course Information

Teaching Area (new)
FIN

Course Number
201

Teaching Area
FIN

Course Title
Principles of Finance

Course Description
Financial management from the viewpoint of the business manager emphasizing profitability, liquidity, and long-range financial planning.

Department
Finance

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1.5

Recommended
Acc 200

Learning Outcomes

Title
Financial Analysis

Tags
176061, 2

Learning Outcome
Articulate how financial analysis can be used to influence decision making in a business environnment.

Title
Financial Analysis Limitations

Tags
176087, 3

Learning Outcome
Identify the limitations of financial analysis.

Title
Basic Financial Tools

Tags
176096, 1

Learning Outcome
Apply basic financial tools to evaluate the results of current operations and potential investment projects.

Title
Understand Finance

Tags
176290, 0

Learning Outcome
Be proficient in the Finance

FIN 220 - Investment Banking Recruiting

Course Information

Course Number
220

Teaching Area
FIN

Course Title
Investment Banking Recruiting

Course Description
Sophomore level class focused on preparing for the upcoming investment banking recruiting cycle. Corporate finance and accounting relevant for recruiting, formation of behavioral skills in a professional setting, and economic and banking landscapes.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
By application only.

Learning Outcomes

Title
Landscape

Learning Outcome
Articulate clearly the investment banking ecosystem, structure and preference of where to locate within it.

Title
Behaviorals

Learning Outcome
Communicate motivations, rationale and fit within the investment banking world.

Title
Technicals

Learning Outcome
Analyze corporate finance and accounting problems relevant for recruiting in investment banking.

FIN 312 - Investments Academy

Course Information

Teaching Area (new)
FIN

Course Number
312

Teaching Area
FIN

Course Title
Investments Academy

Course Description
Applying financial principles to practical investment problems and current events; understanding financial institutions, markets and their functions; insights into financial services and Wall Street professions.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 201 - Principles of Finance

Learning Outcomes

Title
Communication Skills

Tags
176041, 0

Learning Outcome
Demonstrate effective analytic communication skills both orally and written.

Title
Follow Markets

Tags
176108, 0

Learning Outcome
Follow and evaluate markets like professional investors.

FIN 315R - Brigham Capital

Course Information

Course Number
315R

Teaching Area
FIN

Course Title
Brigham Capital

Course Description
Team management of actual investment portfolio. Responsibility for identifying potential investments, modeling their financial value, and recommending portfolio actions.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Identify Investments

Learning Outcome
Identify target investment companies in public markets.

Title
Financial Modeling

Learning Outcome
Model the value associated with a proposed target investment company.

Title
Investment Action

Learning Outcome
Make a portfolio investment recommendation associated with the target investment company.

FIN 326 - Professional Development for Finance

Course Information

Teaching Area (new)
FIN

Course Number
326

Teaching Area
FIN

Course Title
Professional Development for Finance

Course Description
Student development and preparation for careers in finance. Recruiting resources, services, and career development opportunities. Developing a career plan, refining interviewing and networking skills, and interacting individually with mentors and professionals.

Department
Finance

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Finance major status.

Learning Outcomes

Title
Communication

Learning Outcome
Communicate in oral and written form in a professional manner.

Title
Opportunities

Learning Outcome
Identify job opportunities in the financial system and how to secure an internship

Title
Awareness

Learning Outcome
Increase awareness of impact of behavior, networking, communication and actions on professional prospects and environments.

FIN 400 - Analytical Methods in Finance

Course Information

Course Number
400

Teaching Area
FIN

Course Title
Analytical Methods in Finance

Course Description
Data description, visualization, and analysis, as applied to financial problems. Focus on developing perspectives on reasoning and decision making under uncertainty with application to real-world economic and financial issues. Quantitative methods for finance.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Data

Learning Outcome
Use data and statistical reasoning in financial management settings.

Title
Analysis

Learning Outcome
Explain the basic quantitative methods relevant to finance and their application in financial settings.

Title
Tools

Learning Outcome
Utilize programming and analytical tools relevant for finance, including Excel, SQL, and Python.

FIN 401 - Advanced Financial Management

Course Information

Teaching Area (new)
FIN

Course Number
401

Teaching Area
FIN

Course Title
Advanced Financial Management

Course Description
Capital budgeting, cost of capital, capital structure/dividends, mergers and acquisitions, and current financial problems.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems
  AND IS 110 - Spreadsheet Skills and Business Analysis

Other Prerequisites
Major status

Note
Part of the Finance Junior Core.

Learning Outcomes

Title
Communication Abilities

Tags
176045, 3

Learning Outcome
Students will improve their ability to communicate ideas orally and in writing.

Title
Effective Usage of Corporate Funds

Tags
176097, 1

Learning Outcome
Students will understand how to select the best use for funds that the corporation has. This includes being able to assess how much cash is generated from a project, being able to assess the risk involved with different investments, and being able to determine when funds should be returned to shareholders.

Title
Spreadsheet Models

Tags
176105, 2

Learning Outcome
Students will be able to use spreadsheet models effectively to help make financing and investment decisions.

Title
Financing for a Corporation

Tags
176115, 0

Learning Outcome
Students will understand how to provide financing for a corporation. This includes being able to forecast the company’s needs for funds and being able to choose effectively from among many different sources of funds.

FIN 402 - Managerial Finance for Non-Finance Majors

Course Information

Teaching Area (new)
FIN

Course Number
402

Teaching Area
FIN

Course Title
Managerial Finance for Non-Finance Majors

Course Description
Overview of financial management issues including capital budgeting, cost of capital, capital structure/dividends, and long-term financial planning.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- FIN 201 - Principles of Finance

OR

Prerequisites

Complete ALL of the following Courses:

- ACC 401 - Business and Accounting Information Systems

Other Prerequisites

Major status.

Note

Primarily for Accounting students. If there is capacity, Strategy students may request an add code from the MSB advisement center.

Learning Outcomes

Title
Excel Proficiency

Tags
176040, 7

Learning Outcome
Effectively use Excel in all previous learning outcomes.

Title
Cost of Capital

Tags
176081, 5

Learning Outcome
Compute the cost of capital for a firm.

Title
Financial Forecasting

Tags
176092, 1

Learning Outcome
Construct a financial forecast for a firm.

Title
Bonds and Stocks

Tags
176111, 3

Learning Outcome
Value bonds and stocks.

Title
Capital Budgeting

Tags
176117, 4

Learning Outcome
Make corporate investment decisions using capital budgeting.

Title
Performance Evaluation of a Firm

Tags
176119, 0

Learning Outcome
Use fundamental analysis to conduct a firm performance evaluation.

Title
Solving Financial Problems

Tags
176123, 2

Learning Outcome
Employ time value of money to solve complex finance problems.

Title
Firm Valuation

Tags
176189, 6

Learning Outcome
Know how to value a firm.

FIN 409 - Equity Financial Modeling and Valuation

Course Information

Teaching Area (new)
FIN

Course Number
409

Teaching Area
FIN

Course Title
Equity Financial Modeling and Valuation

Course Description
\tHands-on opportunity to work with security markets and perform security analysis. Builds on theory of investment development in Fin 410.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 410 - Investments

Learning Outcomes

Title
Presenting Findings

Tags
176031, 0

Learning Outcome
Present financial analysis and recommendations to the Asset Management team members and GFA Portfolio Managers.

Title
Types of Financial Analysis

Tags
176134, 0

Learning Outcome
Demonstrate an understanding of the types of analysis most prevalent in the finance industry (including industry analysis and company analysis).

Title
Real-world Application

Tags
176140, 0

Learning Outcome
Apply financial concepts and theories to real-world companies.

Title
Financial Research

Tags
176141, 0

Learning Outcome
Conduct company financial research, analysis, reporting, and valuation.

Title
Security Analysis

Tags
176160, 0

Learning Outcome
Demonstrate a grasp of key areas of security analysis.

FIN 410 - Investments

Course Information

Teaching Area (new)
FIN

Course Number
410

Teaching Area
FIN

Course Title
Investments

Course Description
Security markets, security analysis, and portfolio management.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FIN 400 - Analytical Methods in Finance
  AND STAT 121 - Introduction to Statistical Data Analysis
  AND ECON 110 - Economic Principles and Problems

Other Prerequisites
Finance major status

Learning Outcomes

Title
Calculating Value

Tags
176046, 4

Learning Outcome
Calculate an estimate of firm or share value using both discounted cash flow techniques and relative valuation.

Title
Equity and Debt Securities

Tags
176146, 0

Learning Outcome
Describe equity and debt securities and the markets in which they trade.

Title
Portfolio Creation

Tags
176157, 2

Learning Outcome
Create an efficient portfolio with optimal risk-return characteristics.

Title
Measuring Risk and Returns

Tags
176158, 1

Learning Outcome
Use quantitative approaches to measure risk and returns in a portfolio setting.

Title
Calculating Expected Returns

Tags
176177, 3

Learning Outcome
Calculate the expected returns using the CAPM and to describe other common asset pricing models.

FIN 411 - Financial Derivatives

Course Information

Teaching Area (new)
FIN

Course Number
411

Teaching Area
FIN

Course Title
Financial Derivatives

Course Description
Current investment literature, efficient markets, modern portfolio theory, capital assets pricing, options pricing theory with a focus on derivatives and fixed income strategies.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- FIN 401 - Advanced Financial Management
  OR FIN 410 - Investments
  OR MBA 520 - Business Finance

Learning Outcomes

Title
Industry Analysis

Tags
176048, 1

Learning Outcome
Analyze an industry/company.

Title
Global Macro Analysis

Tags
176109, 0

Learning Outcome
Discuss global macro analysis.

Title
Company-Level Financial Analysis

Tags
176175, 2

Learning Outcome
Analyze and present the financial needs of a company.

FIN 413 - Real Estate Finance and Investment

Course Information

Teaching Area (new)
FIN

Course Number
413

Teaching Area
FIN

Course Title
Real Estate Finance and Investment

Course Description
Terminology, concepts, principles, and analytical techniques related to financing of and investment in real estate.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 401 - Advanced Financial Management
  AND FIN 410 - Investments
  AND FIN 453 - Money, Banking, and Business

Other Prerequisites
Finance junior core

Learning Outcomes

Title
Real Estate Analytical Skills

Tags
176057, 2

Learning Outcome
Demonstrate proficiency in the analytical skills required in the real estate industry, including: investment analysis, and valuation techniques.

Title
Real Estate Concepts

Tags
176130, 0

Learning Outcome
Identify, describe, and understand important property rights, legal descriptions, and real estate contracts.

Title
Ethical Dilemmas

Tags
176166, 3

Learning Outcome
Evaluate ethical dilemmas in real estate.

Title
Alternative Mortgage Finance Products

Tags
176213, 1

Learning Outcome
Evaluate the characteristics and attributes of alternative mortgage finance products and calculate effective interest rates.

FIN 414 - Real Estate Development

Course Information

Teaching Area (new)
FIN

Course Number
414

Teaching Area
FIN

Course Title
Real Estate Development

Course Description
Applying financial and real estate principles to practical property investments; insights into the real estate profession.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 413 - Real Estate Finance and Investment

Learning Outcomes

Title
Development Process

Tags
175507, 1

Learning Outcome
Identify, describe, and understand the development process.

Title
Development Potential

Tags
175508, 2

Learning Outcome
Correctly evaluate the development potential of alternative property types.

Title
Development Proposals

Tags
175509, 3

Learning Outcome
Present a real estate development proposal in both written and oral form.

FIN 415R - Silver Fund

Course Information

Teaching Area (new)
FIN

Course Number
415R

Teaching Area
FIN

Course Title
Silver Fund

Course Description
Team management of actual investment portfolio. Responsibility for identifying potential investments, modeling their financial value, and recommending portfolio actions.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Identify Investments

Learning Outcome
Identify target investment companies in public markets.

Title
Financial Modeling

Learning Outcome
Model the value associated with a proposed target investment company.

Title
Investment Action

Learning Outcome
Make a portfolio investment recommendation associated with the target investment company.

FIN 416 - Real Estate Capital Markets & Investment

Course Information

Course Number
416

Teaching Area
FIN

Course Title
Real Estate Capital Markets & Investment

Course Description
Real estate capital markets, asset classes, investments, gateway, secondary and tertiary markets, demand drivers, deal structure, and transaction processes. Intuition development for early stage real estate career.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ANY of the following Courses:

- FIN 413 - Real Estate Finance and Investment
- MBA 686 - Real Estate Analysis: Finance and Investment

Learning Outcomes

Title
Investment Decisions

Learning Outcome
Articulate the demand drivers behind real estate investment decisions.

Title
Investment Viability

Learning Outcome
Evaluate real estate deals and determine whether or not the deal is a viable opportunity.

Title
Portfolio

Learning Outcome
Develop a real estate thesis and portfolio proposal, and pitch your proposal.

Title
Staying Informed

Learning Outcome
Identify various resources available to stay abreast of developments in current real estate markets.

FIN 418 - Financial Planning

Course Information

Teaching Area (new)
FIN

Course Number
418

Teaching Area
FIN

Course Title
Financial Planning

Course Description
Apply financial principles to household decision making, stressing integration between areas. Income tax and estate planning, retirement, investments, portfolio management, and risk management.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 410 - Investments

Learning Outcomes

Title
CFP exam content

Tags
210532, 0, 3

Learning Outcome
Familiarize oneself with CFP exam content, including conduct, regulation, financial/tax/estate planning, risk management, etc.

Title
CFP exam execution

Learning Outcome
Prepare for taking the CFP exam by being tested through exams and quizzes on the variety of CFP exam topics.

FIN 420 - Fixed Income Asset Management, Structured Products, and Risk

Course Information

Teaching Area (new)
FIN

Course Number
420

Teaching Area
FIN

Course Title
Fixed Income Asset Management, Structured Products, and Risk

Course Description
Bonds as fundamental instruments of markets determining interest rates, including the wide array of instruments that are derivatives of bonds, rates, currencies, structured products and credit. Equilibrium pricing, arbitrage pricing, and financial engineering.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 410 - Investments

Learning Outcomes

Title
Fixed-income securities

Tags
213806, 0, 1, 2023-08-29 09:05:27

Learning Outcome
Identify and analyze features and risks of the major classes of fixed-income securities

Title
Structured finance securities

Tags
213807, 0, 2, 2023-08-29 09:05:28

Learning Outcome
Identify and analyze the major features of structured finance securities

Title
Analyze issuer and investor needs

Tags
213808, 0, 3, 2023-08-29 09:05:43

Learning Outcome
Analyze the issuer and investor needs and risks when creating and investing in fixed-income securities

FIN 424 - Capital and Security Markets

Course Information

Course Number
424

Teaching Area
FIN

Course Title
Capital and Security Markets

Course Description
How investors, market frictions, and financial institutions affect security prices, compensation for risk, and return patterns in capital and security markets. An analytical framework and quantitative tools to better analyze and understand capital markets.

Department
Finance

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 410 - Investments

Learning Outcomes

Title
Mispricing

Learning Outcome
Explain how trading costs, short-selling constraints, and institutional structure affect the ability of investors to correct mispricing.

Title
Trading Strategies

Learning Outcome
Articulate how to create trading strategies.

Title
Backtesting

Learning Outcome
Backtest trading strategies using historical data. This includes performing risk based benchmarking and identifying historical mispricing.

Title
Assess Potential

Learning Outcome
Use historical backtesting, statistical inference, and the limits to arbitrage framework to assess the potential of proposed trading strategies.

FIN 425 - Private Equity and Venture Capital

Course Information

Teaching Area (new)
FIN

Course Number
425

Teaching Area
FIN

Course Title
Private Equity and Venture Capital

Course Description
Introduction to the private equity (PE) and venture capital markets, focusing almost exclusively on the American setting for these markets. Students will learn how PE and VC markets function, how PE and VC companies source their deals, and the valuation and forecasting models they use to make decisions. Exposure to examples of real-life transactions executed by PE and VC firms.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- FIN 401 - Advanced Financial Management

FIN 428 - Mergers and Acquisitions, Restructuring, and Bankruptcy

Course Information

Course Number
428

Teaching Area
FIN

Course Title
Mergers and Acquisitions, Restructuring, and Bankruptcy

Course Description
Fundamental skills in evaluating M&A and restructuring opportunities, including financial distress and bankruptcy. Practical modeling skills as well as the economic factors that drive value creation or destruction in restructuring situations.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 401 - Advanced Financial Management

Learning Outcomes

Title
Rationale

Learning Outcome
Articulate the reasons firms merge or divest, and how these actions might create value.

Title
Valuation

Learning Outcome
Value companies in the context of M&A, including the valuation of synergies.

Title
Financing

Learning Outcome
Explain how sources of financing affect M&A and be able to forecast financing needs after a merger occurs.

Title
Distress and Bankruptcy

Learning Outcome
Communicate how financial distress and bankruptcy can destroy value in a company but also create opportunities to pivot firms in new directions.

FIN 432 - International Finance

Course Information

Teaching Area (new)
FIN

Course Number
432

Teaching Area
FIN

Course Title
International Finance

Course Description
Investor and corporate financial decision making in international financial markets. Financial aspects of multinational corporations. Foreign exchange markets including pricing, exchange rate regimes, government intervention and hedging. International debt and equity financing.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 401 - Advanced Financial Management
  AND FIN 453 - Money, Banking, and Business

Learning Outcomes

Title
Government Actions

Tags
176099, 4

Learning Outcome
Explain how government actions influence FX rates and how to gain information from balance of payment data.

Title
Evaluating Available Financing

Tags
176144, 2

Learning Outcome
Evaluate various sources of financing available to the global firm, comparing international and domestic choices.

Title
Foreign Exchange

Tags
176182, 1

Learning Outcome
Determine how foreign exchange impacts a company, what drives FX and how to hedge it.

Title
Entering the International Arena

Tags
176197, 1

Learning Outcome
Analyze the added levels of complexity when a company enters the international arena.

FIN 436 - Python and Finance

Course Information

Course Number
436

Teaching Area
FIN

Course Title
Python and Finance

Course Description
Python tools for analyzing financial problems. Thinking programatically. Coding and financial applications.

Department
Finance

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 400 - Analytical Methods in Finance

Learning Outcomes

Title
Programming

Learning Outcome
Program comfortably in Python within a basic environment; write a variety of simple programs.

Title
Python Components

Learning Outcome
Utilize basic data types, containers, and language elements of Python.

Title
Excel Integration

Learning Outcome
Use added flexibility of Python over and with Excel in financial scenarios.

FIN 440 - Financial Statement Analysis

Course Information

Course Number
440

Teaching Area
FIN

Course Title
Financial Statement Analysis

Course Description
Analysis of corporate financial statements emphasizing how accounting and managerial decisions shape reported results. Develop skills to evaluate earnings quality, assess financial risk, and build forward-looking financial projections to inform strategic business and investment decisions.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- ACC 310 - Principles of Accounting 2

Learning Outcomes

Title
Financial Statements

Learning Outcome
Identify financial statement areas where managers can exercise significant judgment and identify how managers choices in these areas impact earnings reported in financial statements. Specific areas addressed include the following: Financial Forecasts, Primary Financial Statements, Earnings Management, Leases, Pensions, Financial Atatement Footnotes, Long-lives Assets, Inventory Accounting, and Income Taxes.

Title
Ethical Considerations

Learning Outcome
Apply ethical considerations to earnings management issues.

Title
CFA Exam Proficiency

Learning Outcome
Demonstrate the proficiency to address CFA exam questions over the topic areas covered in this course.

FIN 444 - Fintech

Course Information

Course Number
444

Teaching Area
FIN

Course Title
Fintech

Course Description
An exploration of technological innovations in financial services. Fintech economics and strategies, innovations in payments, and analytical tools to work with large data sets. Includes guest lectures from local fintech experts.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- FIN 453 - Money, Banking, and Business

Learning Outcomes

Title
Origin

Learning Outcome
Articulate the frictions that give rise to prominent fintech industries

Title
Business models

Learning Outcome
Explain the economics and strategies of various fintech business models

Title
Analysis

Learning Outcome
Use analytical tools to analyze large datasets relevant in fintech

Title
Discipleship

Learning Outcome
Be more committed disciples of Jesus Christ

FIN 446 - Trading and Market Structure

Course Information

Course Number
446

Teaching Area
FIN

Course Title
Trading and Market Structure

Course Description
Lectures and trading simulations to demonstrate how assets are traded. Trading orders, limit order books, liquidity, market manipulation, asymmetric information, algorithmic trading, high frequency trading, optimal trade placement.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FIN 410 - Investments

Note
No focus on what to buy/sell.

Learning Outcomes

Title
Interpretation

Learning Outcome
Analyze and interpret financial news and date at a deeper level.

Title
Implementation

Learning Outcome
Evaluate and implement liquidity providing trading strategies.

Title
Interaction

Learning Outcome
Articulate how information and liquidity interact.

FIN 451 - Decentralized Finance

Course Information

Course Number
451

Teaching Area
FIN

Course Title
Decentralized Finance

Course Description
Financial infrastructure built on blockchain networks. Digital signatures, consensus mechanisms, smart contracts, cryptocurrencies and architecture, decentralized exchange, lending protocols, decentralized derivatives, and asset tokenization.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- FIN 201 - Principles of Finance
  OR MBA 520 - Business Finance

Learning Outcomes

Title
Blockchain

Learning Outcome
Explain the technology underlying blockchain networks.

Title
Payments

Learning Outcome
Demonstrate effective utilization of digital wallets to make payments and interact with decentralized exchanges and lending protocols.

Title
Profitability

Learning Outcome
Evaluate the profitability of staking, mining, and liquidity provision.

Title
Design

Learning Outcome
Evaluate the different design choices in creating different types of tokens and DeFi protocols.

Title
Technologies

Learning Outcome
Identify current technologies for mitigating the negative effects of arbitrage on blockchain networks.

FIN 453 - Money, Banking, and Business

Course Information

Teaching Area (new)
FIN

Course Number
453

Teaching Area
FIN

Course Title
Money, Banking, and Business

Course Description
Economic analysis of effects of money, banking, and financial institutions on business decisions and aggregate economic activity.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ECON 110 - Economic Principles and Problems

Other Prerequisites
Major status.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Financial Intermediaries

Tags
176089, 2

Learning Outcome
Understand the function and management of financial intermediaries.

Title
Trade and Exchange Rates

Tags
176094, 4

Learning Outcome
Understand trade and exchange rates.

Title
Stocks and US Treasuries

Tags
176156, 1

Learning Outcome
Understand differential spot, forward & derivatives, futures and options markets, with specific application to stocks and US Treasuries.

Title
Understanding Banking Concepts

Tags
176161, 0

Learning Outcome
Understand interest rates, rate determination and discounted present value.

Title
Aggregate Economics

Tags
176162, 3

Learning Outcome
Understand basic aggregate economics: actual and potential supply and actual demand and their implication for growth, employment and inflation.

FIN 480R - Finance Society Leadership

Course Information

Course Number
480R

Teaching Area
FIN

Course Title
Finance Society Leadership

Course Description
Training for finance society association leadership. Includes active collaboration, working with professionals, faculty advisors and other students.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
Collaboration

Learning Outcome
Show increased awareness of other associations outside of their primary area of focus.

Title
Planning

Learning Outcome
Plan, execute and coordinate events and student-focused activities across organizations.

Title
Leadership development

Learning Outcome
Develop ability to lead organizations and interact with professionals with little oversight.

FIN 487R - Capital Markets Academy

Course Information

Teaching Area (new)
FIN

Course Number
487R

Teaching Area
FIN

Course Title
Capital Markets Academy

Course Description
Teams work on live, market-sensitive projects for financial services, including private equity, private wealth, insurance companies, and asset management.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Application

Tags
175519, 1

Learning Outcome
Participate in the Capital Markets Academy.

FIN 490R - Topics in Finance

Course Information

Teaching Area (new)
FIN

Course Number
490R

Teaching Area
FIN

Course Title
Topics in Finance

Course Description
Current finance-related topics varying by semester and section.

Department
Finance

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Knowledge

Tags
175520, 1

Learning Outcome
Students will deepen their understanding of topics in finance.

FIN 510 - CFA Preparation

Course Information

Teaching Area (new)
FIN

Course Number
510

Teaching Area
FIN

Course Title
CFA Preparation

Course Description
Preparation to take Level I of the Chartered Financial Analyst (CFA) Exam. Topics covered on the exam, and with which students will be able to demonstrate strong proficiency, include: corporate finance, economics, financial reporting and analysis, quantitative methods, alternative investments, derivatives, equity investments, fixed income, and portfolio management and wealth planning.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- FIN 201 - Principles of Finance

Other Prerequisites
Fin 401, 410, 453, Acc 305.

FIN 520 - Business Finance

Course Information

Teaching Area (new)
FIN

Course Number
520

Teaching Area
FIN

Course Title
Business Finance

Course Description
Short-term financing of a business operation. Developing techniques for financial planning, such as analysis of ratios, profitability, and liquidity.

Department
Finance

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- FIN 201 - Principles of Finance

Other Prerequisites
MAcc or MISM major status.

FIN 585R - Pre-PhD Finance Seminar

Course Information

Teaching Area (new)
FIN

Course Number
585R

Teaching Area
FIN

Course Title
Pre-PhD Finance Seminar

Course Description
Introduction to asset pricing theory using both analytical and numerical methods. Coverage includes the Capital Asset Pricing Model and Stochastic Discount Factor models. The empirical method of Generalized Method of Moments (GMM) is also introduced.

Department
Finance

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Asset Pricing

Tags
175510, 1

Learning Outcome
Students will be able to understand the fundamental theorem of asset pricing and the consumption-based asset pricing model.

Title
Empirical Identification

Tags
175511, 2

Learning Outcome
Students will be able to understand the issues surrounding identification in empirical research.

Title
Simple Stochastic Processes

Tags
175512, 3

Learning Outcome
Students will be able to specify a simple stochastic process for dividends and solve the corresponding PDE for price.

Title
Black-Scholes

Tags
175513, 4

Learning Outcome
Students will be abel to derive the Black-Scholes PDE.

Title
Market Efficiency

Tags
175514, 5

Learning Outcome
Understand basic principles of market efficiency.

Title
Portfolio Optimization

Tags
175515, 6

Learning Outcome
Understand the mean-variance mathematics as it relates to portfolio optimization.

Title
Asset Pricing

Tags
175516, 7

Learning Outcome
Understand factor models and be able to implement time series and cross-sectional tests of asset pricing models used in financial research.

FINN 101 - First-Year Finnish

Course Information

Teaching Area (new)
FINN

Course Number
101

Teaching Area
FINN

Course Title
First-Year Finnish

Course Description
Basic language skills.

Department
Language Studies

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Language Learning Strategies

Tags
190304, 3

Learning Outcome
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Writing

Tags
190325, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Finnish on familiar topics.

Title
Culture

Tags
190337, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Finnish-speaking countries.

Title
Comprehension

Tags
190349, 0

Learning Outcome
Students will comprehend Finnish as they hear and read authentic language relating to familiar topics.

Title
Speaking

Tags
190544, 1

Learning Outcome
Students will be able to speak Finnish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

FINN 102 - First-Year Finnish

Course Information

Teaching Area (new)
FINN

Course Number
102

Teaching Area
FINN

Course Title
First-Year Finnish

Course Description
Basic language skills.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Speaking

Tags
190275, 1

Learning Outcome
Students will be able to speak Finnish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

Title
Comprehension

Tags
190422, 0

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar topics.

Title
Language Learning Strategies

Tags
190428, 3

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Culture

Tags
190483, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Finnish-speaking countries.

Title
Writing

Tags
190529, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Finnish on familiar topics.

FINN 201 - Second-Year Finnish

Course Information

Teaching Area (new)
FINN

Course Number
201

Teaching Area
FINN

Course Title
Second-Year Finnish

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing reading.

Department
Language Studies

When Taught
Fall Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Finn 102 or equivalent experience

Learning Outcomes

Title
Opinions

Tags
190312, 3

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

Title
Comprehension

Tags
190559, 0

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

Title
Speaking and Writing

Tags
190583, 1

Learning Outcome
Students will be able to speak and write Finnish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

Title
Conversation

Tags
190593, 2

Learning Outcome
Students will be able to participate actively in conversations about Finnish-speaking countries, concrete topics, and current events.

FINN 202 - Second Year Finnish

Course Information

Teaching Area (new)
FINN

Course Number
202

Teaching Area
FINN

Course Title
Second Year Finnish

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking.

Department
Language Studies

When Taught
Winter Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

Learning Outcomes

Title
Comprehension

Tags
190240, 1

Learning Outcome
Students will be able to comprehend Finnish as they hear and read authentic language relating to familiar and less familiar topics.

Title
Speaking and Writing

Tags
190246, 2

Learning Outcome
Students will improve their reading and writing skills in Finnish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

Title
Literature and Cultural History

Tags
190566, 0

Learning Outcome
Students will be able to identify and define key characteristics of the important moments in Finnish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

Title
Finnish Culture

Tags
191518, 4

Learning Outcome
Students will broaden and deepen their perception and appreciation of Finnish culture.

FINN 211R - Second-Year Conversation

Course Information

Teaching Area (new)
FINN

Course Number
211R

Teaching Area
FINN

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Finn 102 or equivalent experience

Learning Outcomes

Title
Vocabulary

Tags
190347, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Fluency

Tags
190502, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Opinions

Tags
190569, 1

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

Title
Description and Narration

Tags
190596, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

FINN 305 - Language Skills Development: Finnish

Course Information

Course Number
305

Teaching Area
FINN

Course Title
Language Skills Development: Finnish

Course Description
Increasing proficiency in one or more of the following Finnish language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

FINN 311R - Third-Year Conversation

Course Information

Teaching Area (new)
FINN

Course Number
311R

Teaching Area
FINN

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Finn 211R or equivalent experience

Learning Outcomes

Title
Pronunciation

Tags
190231, 4

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Title
Vocabulary

Tags
190286, 3

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

Title
Fluency

Tags
190306, 2

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

Title
Opinions

Tags
190366, 1

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

Title
Description and Narration

Tags
190498, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

FINN 330 - Advanced Language Proficiency Through Cultural Studies: Finnish

Course Information

Teaching Area (new)
FINN

Course Number
330

Teaching Area
FINN

Course Title
Advanced Language Proficiency Through Cultural Studies: Finnish

Course Description
Study of Finnish culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Finn 202 or equivalent experience.

Note
Required course for obtaining language credit by examination. This course replaces the former 321 course; students who have taken 321 may not take 330.

Learning Outcomes

Title
Critical Thinking

Tags
190622, 1

Learning Outcome
Students will demonstrate critical thinking skills through literary analysis, debate, dealing with unanticipated complications in conversation, forming and supporting opinions, and presenting on topics of general interest.

Title
Culture

Tags
190623, 2

Learning Outcome
Students will explain how common cultural products and practices relate to cultural perspectives. They will interact with cultural competence in familiar and some unfamiliar contexts.

Title
Reading and Listening

Tags
190624, 3

Learning Outcome
Students will demonstrate reading and listening comprehension of Intermediate High and some Advanced level texts. They will begin to demonstrate a broad vocabulary regarding concrete, general interest topics such as education, work, government, and topics in the news.

Title
Writing and Speaking

Learning Outcome
Students will begin to write and speak using cohesive paragraphs on topics of personal and general interest. Students will demonstrate control of frequently used structures and will write and speak with Intermediate High level accuracy.

FINN 340 - Finnish Literature

Course Information

Teaching Area (new)
FINN

Course Number
340

Teaching Area
FINN

Course Title
Finnish Literature

Course Description
Readings in Finnish literature; introduction to basic literary concepts. Includes International Cinema.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Finn 321 or equivalent experience

Note
Culminating course for GE Foreign Language requirement.

Learning Outcomes

Title
Cultural Awareness and Self-Reflection

Tags
190032, 2

Learning Outcome
Students should be able to relate the ideas and issues raised by the works we study in class to the students' own socio-historical moment as well as to their experiences with contemporary Finnish culture and even value the expression of perspectives and opinions they do not necessarily share.

Title
Writing in Finnish

Tags
190033, 3

Learning Outcome
Students should begin to understand how to write and present well-organized, focused analyses interpreting literary texts and other cultural artifacts in Finnish.

Title
Future Learning

Tags
190034, 4

Learning Outcome
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art they will encounter in later life.

Title
Cultural Literacy

Tags
190599, 0

Learning Outcome
Students should understand key trends and works from Finnish culture, recognize connections between these works, and be able to relate them to the development of contemporary Finnish culture and other cultural traditions.

FINN 399R - Academic Internship

Course Information

Teaching Area (new)
FINN

Course Number
399R

Teaching Area
FINN

Course Title
Academic Internship

Course Description
On-the-job experience in Finnish.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department's consent

Learning Outcomes

Title
Professional Experience

Tags
190629, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

FLANG 100R - Language Study

Course Information

Teaching Area (new)
FLANG

Course Number
100R

Teaching Area
FLANG

Course Title
Language Study

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
211960, 0, 4

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
211961, 0, 5

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
211962, 0, 6

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

FLANG 101R - First-Year Language Study

Course Information

Teaching Area (new)
FLANG

Course Number
101R

Teaching Area
FLANG

Course Title
First-Year Language Study

Course Description
Beginning speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
211963, 0, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
211964, 0, 3

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
211965, 0, 4

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
211966, 0, 5

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

FLANG 102R - First-Year Language Study

Course Information

Teaching Area (new)
FLANG

Course Number
102R

Teaching Area
FLANG

Course Title
First-Year Language Study

Course Description
Second-semester speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 101R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
194304, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Speaking

Tags
194565, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
194567, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Comprehension

Tags
194598, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

FLANG 201R - Second-Year Language Study

Course Information

Teaching Area (new)
FLANG

Course Number
201R

Teaching Area
FLANG

Course Title
Second-Year Language Study

Course Description
Intermediate speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193958, 4

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193995, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193997, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193998, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

FLANG 202R - Second-Year Language Study

Course Information

Teaching Area (new)
FLANG

Course Number
202R

Teaching Area
FLANG

Course Title
Second-Year Language Study

Course Description
Continued emphasis on communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 201R - Second-Year Language Study

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Note
Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
General Education Requirements

Tags
193459, 4

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

Title
Communication Skills

Tags
194521, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
194522, 2

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Cultural Knowledge

Tags
194523, 4

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

FLANG 211R - Intermediate Conversation

Course Information

Teaching Area (new)
FLANG

Course Number
211R

Teaching Area
FLANG

Course Title
Intermediate Conversation

Course Description
Intermediate conversation skills. Continued development of conversation skills in the target language. Vocabulary building and conversation practice.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

FLANG 276 - Exploration of Teaching Foreign Languages

Course Information

Teaching Area (new)
FLANG

Course Number
276

Teaching Area
FLANG

Course Title
Exploration of Teaching Foreign Languages

Course Description
Field-based exposure to practices, demands, and issues associated with teaching foreign languages in public secondary schools.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
FBI fingerprint and background clearance

Learning Outcomes

Title
Decision

Tags
192172, 2

Learning Outcome
Determine if pursuing a personal career in foreign language teaching in public secondary schools is the correct decision.

Title
Awareness

Tags
192173, 4

Learning Outcome
Have a developing awareness of what foreign-language students should know and be able to do and of good foreign-language teaching practice.

Title
Purposes

Tags
192174, 6

Learning Outcome
Discuss the public purposes of education, related social and political issues, and the benefits of speaking a foreign language.

Title
Motivations

Tags
192175, 8

Learning Outcome
Articulate personal motivations for becoming a teacher, as well as recognize potential strengths and weaknesses as a teacher.

FLANG 300 - Foundations of Dual Language and Immersion Education

Course Information

Teaching Area (new)
FLANG

Course Number
300

Teaching Area
FLANG

Course Title
Foundations of Dual Language and Immersion Education

Course Description
Historical overview, theoretical and research foundations for dual language and immersion education; practical application of theory and research in immersion programs.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Be admitted to a teaching major and pass an Oral Proficiency Interview at the Advanced Mid level or better.

Learning Outcomes

Title
Discuss theory and research

Tags
193244, 0

Learning Outcome
Discuss theoretical principles and research findings that underlie dual language and immersion education

Title
Explain program models

Tags
193245, 1

Learning Outcome
Explain differences and similarities between one-way, two-way, developmental bilingual and indigenous language immersion programs

Title
Summarize language learning principles

Tags
193246, 2

Learning Outcome
Summarize key principles of first and second language learning in dual language and immersion classrooms

Title
Discuss social and political contexts

Tags
193247, 3

Learning Outcome
Discuss the social and political contexts for dual language education and their implications for classrooms and programs

Title
Synthesize lessons from different programs

Tags
193248, 4

Learning Outcome
Synthesize lessons that can be learned from dual language and immersion programs around the world

FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms

Course Information

Teaching Area (new)
FLANG

Course Number
301

Teaching Area
FLANG

Course Title
Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms

Course Description
Planning for integration of academic content, language, and culture in K-12 dual language immersion classrooms. Managing immersion classrooms, selecting and modifying materials, differentiating instruction, and assessing learning.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 300 - Foundations of Dual Language and Immersion Education

Other Prerequisites
Be admitted to a teaching major and pass an Oral Proficiency Interview with a rating of Advanced Mid or better.

Learning Outcomes

Title
Identify Objectives

Tags
212176, 0, 1

Learning Outcome
Identify appropriate objectives for the learning of academic content and language that correspond to state or district curriculum guidelines and student proficiency levels.

Title
Plan Instruction

Tags
212177, 0, 2

Learning Outcome
Plan and scaffold instruction that integrates academic content and language, providing opportunities for student output that elicits specific language functions and forms.

Title
Design Curriculum

Tags
212178, 0, 3

Learning Outcome
Select, design, and modify curriculum and materials for use in immersion programs.

Title
Differentiate Instruction

Tags
212179, 0, 4

Learning Outcome
Differentiate instruction for language majority and minority students and for struggling learners

Title
Manage the Classroom

Tags
212180, 0, 5

Learning Outcome
Manage the classroom in the immersion language, making input comprehensible and sustaining a clear and consistent separation of languages

Title
Implement Assessments

Tags
212181, 0, 6

Learning Outcome
Implement formative and summative assessments of academic content and language learning, and use assessment results to inform instruction.

FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms

Course Information

Teaching Area (new)
FLANG

Course Number
302

Teaching Area
FLANG

Course Title
Biliteracy Development in Dual Language Immersion Classrooms

Course Description
Integration of theory, research-based best practices, and instructional strategies to support teachers in developing, scaffolding, differentiating, and assessing literacy learning for language majority and minority students in dual language immersion contexts.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 300 - Foundations of Dual Language and Immersion Education

Other Prerequisites
Be admitted to a teaching major and pass an Oral Proficiency Interview at the Advanced Mid level or better.

Learning Outcomes

Title
Plan Biliteracy Instruction

Tags
212184, 0, 2

Learning Outcome
Plan, implement, and scaffold biliteracy instruction that emphasizes the development of vocabulary and academic language using best practices.

Title
Select Appropriate Learning Strategies

Tags
212183, 0, 1

Learning Outcome
Select developmentally appropriate instructional materials and strategies to facilitate the development of reading and writing skills in two languages.

Title
Differentiate Literacy Instruction

Tags
212185, 0, 3

Learning Outcome
Differentiate literacy instruction for struggling learners according to the linguistic and cultural backgrounds of language majority and minority students.

Title
Assess

Tags
212186, 0, 4

Learning Outcome
Assess students' progress in reading and writing in two languages and use assessment results to inform instruction.

FLANG 305R - Language Skills Development

Course Information

Teaching Area (new)
FLANG

Course Number
305R

Teaching Area
FLANG

Course Title
Language Skills Development

Course Description
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Communication Skills

Tags
195421, 3

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195422, 4

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

Title
Defined Special Purpose

Tags
194007, 2

Learning Outcome
Develop the specific language skill to the level required to meet the "special" foreign-language need defined by the Center for Language Studies.

FLANG 311R - Advanced Conversation

Course Information

Teaching Area (new)
FLANG

Course Number
311R

Teaching Area
FLANG

Course Title
Advanced Conversation

Course Description
Advanced conversation skill across a variety of topics with a focus on improving language production.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

FLANG 321R - Advanced Grammar

Course Information

Teaching Area (new)
FLANG

Course Number
321R

Teaching Area
FLANG

Course Title
Advanced Grammar

Course Description
Advance your language skills through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Independent Learning

Tags
194534, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

Title
Analyze

Tags
194537, 3

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
194538, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

FLANG 330R - Advanced Language Proficiency Through Cultural Studies

Course Information

Teaching Area (new)
FLANG

Course Number
330R

Teaching Area
FLANG

Course Title
Advanced Language Proficiency Through Cultural Studies

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
FLang 202R or equivalent in same language.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
General Education

Tags
195048, 4

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

Title
Cultural Knowledge

Tags
195050, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
Communication Skills

Tags
194801, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195046, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

FLANG 340R - Introduction to Literature

Course Information

Teaching Area (new)
FLANG

Course Number
340R

Teaching Area
FLANG

Course Title
Introduction to Literature

Course Description
Explore culture through stories, music, and history in the target language. Develop advanced language proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
May fulfill the Letters GE requirement.

Learning Outcomes

Title
Context

Tags
195303, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Recognize and Analyze

Tags
195296, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195297, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Language Skills

Tags
195299, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

FLANG 350R - Advanced Language Study for Career Purposes

Course Information

Teaching Area (new)
FLANG

Course Number
350R

Teaching Area
FLANG

Course Title
Advanced Language Study for Career Purposes

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
FLang 330R in same language.

Learning Outcomes

Title
Defined Career Purposes.

Tags
195423, 2

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge.

Tags
195424, 3

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence.

Tags
195425, 4

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence.

Tags
195426, 5

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence.

Tags
195427, 6

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

FLANG 377R - Foreign Language Teaching Methods

Course Information

Teaching Area (new)
FLANG

Course Number
377R

Teaching Area
FLANG

Course Title
Foreign Language Teaching Methods

Course Description
Teaching methods specific to teaching less commonly taught language courses. Lectures, demonstrations, and microteaching. Topics include curriculum/lesson planning, reflective teaching, and communicative language teaching.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Native- or advanced-level proficiency in the target language

Note
Prospective teachers and TAs should take this course before or while teaching the target language course.

Learning Outcomes

Title
Apply theory to practice

Tags
193170, 0, 1

Learning Outcome

Discuss historical trends in second-language acquisition and apply theory to effective practice.

Title
Design and deliver effective target language instruction

Tags
193177, 0, 3

Learning Outcome

Apply effective comprehensible input strategies
Apply appropriate interactive strategies to encourage output
Apply contextualized approaches for teaching subskills such as grammar, vocabulary and pronunciation.
Use products, practices and persepectives to appropriately teach culture

Title
Demonstrate a growth mindset to improve as a teacher

Tags
193154, 0, 5

Learning Outcome

Reflect on teaching and make changes as warranted.
Become an active professional participant and utilize appropriate resources (ACTFL, online supports, journals, etc.)

Title
Implement ACTFL proficiency standards in teaching and assessment practices

Tags
208739, 0, 2

Learning Outcome

Demonstrate understanding of proficiency and performance standards in planning, teaching and assessing for the

skills (Listening, Speaking, Reading, Writing)
and modes (Interpretive, Interpersonal, Presentational)

Provide level appropriate feedback for formative and summative assessments.

FLANG 477R - Dual Language Immersion K-12 Student Teaching

Course Information

Teaching Area (new)
FLANG

Course Number
477R

Teaching Area
FLANG

Course Title
Dual Language Immersion K-12 Student Teaching

Course Description
Supervised full-day experience to develop and demonstrate competence in teaching in an approved dual language immersion school setting. Includes planning, implementing, and assessing a unit of instruction taught in the immersion language.

Department
Language Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FLANG 300 - Foundations of Dual Language and Immersion Education
  AND FLANG 301 - Content-Based Curriculum, Instruction, and Assessment in Dual Language Immersion Classrooms
  AND FLANG 302 - Biliteracy Development in Dual Language Immersion Classrooms

Learning Outcomes

Title
Instruction

Tags
212182, 0, 1

Learning Outcome
Successfully plan, implement, and assess instruction in the target language in a dual language immersion classroom. The unit will align with Utah state curriculum, provide accommodations or modification strategies required for individual students, and assess academic content and language learning.

FLANG 490R - Special Studies in Second Language Applications

Course Information

Teaching Area (new)
FLANG

Course Number
490R

Teaching Area
FLANG

Course Title
Special Studies in Second Language Applications

Course Description
Faculty-supervised instruction for advanced students. Individual or group study. Course work established by contract and director's approval.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Specified Application

Tags
193098, 0

Learning Outcome
Meet learning outcomes specified by the Center for Language Studies relative to a specific language application.

FNART 226 - Arts Integration in Education

Course Information

Teaching Area (new)
FNART

Course Number
226

Teaching Area
FNART

Course Title
Arts Integration in Education

Course Description
Introduction to the integration of arts in education. Per Utah State Board of Education guidelines for the Arts Integration Endorsement, this course will give students training in implementation of Arts Integration in the classroom as well as in leadership and advocacy for the integration of arts in education.

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
For students majoring in elementary education.

FNART 270R - Global Arts and Culture

Course Information

Teaching Area (new)
FNART

Course Number
270R

Teaching Area
FNART

Course Title
Global Arts and Culture

Course Description
Undertaken as part of on-site international study programs. Explores the art, design, music, theatre, and other arts of host countries and other global cultures.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Learning Outcomes

Title
Identify and Analyze

Tags
54190, 0

Learning Outcome
Students will identify and analyze art, design, music, and theatre of host countries and other European cultures.

FNART 299R - Topics in Arts and Entrepreneurship

Course Information

Teaching Area (new)
FNART

Course Number
299R

Teaching Area
FNART

Course Title
Topics in Arts and Entrepreneurship

Course Description
Taught in collaboration with the Rollins Center for Entrepreneurship and Technology. Application of foundational principles of entrepreneurship in developing goals as artists, performers, and creative professionals. The latest in design thinking, innovation, entrepreneurship, and the correct principles for starting or developing a business specifically related to the arts.\n

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

FNART 301R - Creativity and Collaboration in the Arts and Communications

Course Information

Teaching Area (new)
FNART

Course Number
301R

Teaching Area
FNART

Course Title
Creativity and Collaboration in the Arts and Communications

Course Description
Explore theories of creativity, collaboration, and innovation in a modern, arts-based mediated world; engage in principles of team-building and communication; practice skills of ideation, research, and execution of interdisciplinary projects from conception to completion. Classes are project-based and vary from semester to semester. Please contact the College of Fine Arts and Communications (A-501 HFAC, 801-422-2819).

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Principles of collaboration

Tags
189331, 1

Learning Outcome
• analyze principles and theories of group dynamics, innovation, creativity, and collaboration

Title
Skills of collaboration

Tags
189332, 2

Learning Outcome
• practice and develop skills in group dynamics, innovation, and creative and collaborative processes

Title
New knowledge

Tags
189333, 3

Learning Outcome
• assimilate and apply new knowledge and skills in disciplines outside their major expertise

Title
Reflection

Tags
189334, 4

Learning Outcome
• self-assess and reflect upon their strengths, weaknesses, and contributions in group dynamics, innovation, and creative and collaborative processes

FREN 101 - First-Year French, Part 1

Course Information

Teaching Area (new)
FREN

Course Number
101

Teaching Area
FREN

Course Title
First-Year French, Part 1

Course Description
Development of the four language skills: understanding, speaking, reading, and writing.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Note
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

Learning Outcomes

Title
Comprehension

Tags
192152, 1

Learning Outcome
Comprehend French as you hear and read authentic language relating to familiar topics.

Title
Speaking

Tags
192153, 2

Learning Outcome
Speak French well enough to satisfy immediate needs. (You will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

Title
Writing

Tags
192154, 3

Learning Outcome
Write short messages and well-articulated sentences in French on familiar topics.

FREN 102 - First-Year French, Part 2

Course Information

Teaching Area (new)
FREN

Course Number
102

Teaching Area
FREN

Course Title
First-Year French, Part 2

Course Description
Continuation of French 101.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Other Prerequisites
Fren 101 or equivalent

Note
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Write

Tags
192155, 1

Learning Outcome
Write well-articulated sentences and loosely connected texts related to personal experiences and common events.

Title
Comprehend

Tags
192156, 3

Learning Outcome
Comprehend French as you hear and read authentic language relating to familiar topics.

Title
Speak

Tags
192157, 5

Learning Outcome
Speak French well enough to handle a variety of simple communicative tasks in basic social situations. You will be able to meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.

FREN 201 - Intermediate French, Part 1

Course Information

Teaching Area (new)
FREN

Course Number
201

Teaching Area
FREN

Course Title
Intermediate French, Part 1

Course Description
Reading, writing, conversation, vocabulary building, and review of grammar.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Other Prerequisites
Fren 102 or equivalent

Note
Students with prior experience in French can contact the French undergraduate adviser to select the appropriate beginning course. Returned missionaries who spoke French part-time or who served in a Creole-speaking mission (Haiti) should register for FREN 201 to be eligible for the challenge exam.

Learning Outcomes

Title
Real-Life Use

Tags
192158, 1

Learning Outcome
Improve your ability to use French in real-life situations and for real-life purposes.

Title
Elaboration

Tags
192159, 2

Learning Outcome
Create elaborated utterances and group them into paragraphs and narratives.

Title
Vocabulary

Tags
192160, 3

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Language Structures

Tags
192161, 4

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
192162, 5

Learning Outcome
Discuss in French selected current events and various francophone regions of the world and some of their cultural practices.

FREN 202 - Intermediate French, Part 2

Course Information

Teaching Area (new)
FREN

Course Number
202

Teaching Area
FREN

Course Title
Intermediate French, Part 2

Course Description
Final course for GE Languages of Learning requirement (except for full-time French speaking returned missionaries); extensive reading in French literature and culture.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
Fren 201 or equivalent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Literary Analysis

Tags
192163, 1

Learning Outcome
Read beyond basic plot and learn to apply tools of literary analysis.

Title
French Literature

Tags
192164, 2

Learning Outcome
Recognize and analyze key genres in French literature.

Title
Literary Movements

Tags
192165, 3

Learning Outcome
Identify and define key characteristics of the important French literary movements.

Title
Cultural and Historical Context

Tags
192166, 4

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Reading and Writing

Tags
192167, 5

Learning Outcome
Improve your reading and writing skills in French.

Title
French Culture

Tags
192321, 5

Learning Outcome
Broaden and deepen your perception and appreciation of French culture.

FREN 211R - Second-Year Conversation

Course Information

Teaching Area (new)
FREN

Course Number
211R

Teaching Area
FREN

Course Title
Second-Year Conversation

Course Description
Intermediate conversation skills. Can be fulfilled through language residency program.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Fren 102 or equivalent. May be taken concurrently with Fren 201

Learning Outcomes

Title
Speaking in Context

Tags
192214, 2

Learning Outcome
Speak in contexts related to autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions and coping with gaps in knowledge.

Title
Vocabulary

Tags
192215, 4

Learning Outcome
Speak using an apporopriate variety of vocabulary related to autobiographical and concrete topics.

Title
Speaking and Conversation

Tags
192213, 0, 1

Learning Outcome
Speak and exchange in conversation in present, past and future times in the context of sentence- to paragraph-level speech about autobiographical and concrete topics.

Title
Understood by Native Speakers

Tags
192216, 0, 6

Learning Outcome
Be understood most of the time without difficulty by native speakers accustomed to dealing with non-native learners of the language.

FREN 311R - Third-Year Conversation

Course Information

Teaching Area (new)
FREN

Course Number
311R

Teaching Area
FREN

Course Title
Third-Year Conversation

Course Description
Advanced conversation skills. Can be fulfilled through language residency program.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Fren 211R or instructor's consent

Note
May be taken concurrently with Fren 340.

Learning Outcomes

Title
Narration and Description

Tags
192364, 1

Learning Outcome
Describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

Title
Skills for coping with communication problems

Tags
192366, 3

Learning Outcome
Initiate and maintain fluent conversations, and cope with gaps in knowledge in contexts related to concrete topics.

Title
Lexical mastery

Tags
192367, 4

Learning Outcome
Speak using an apporopriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

Title
Fluency

Tags
192368, 6

Learning Outcome
Be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Title
Speaking in Context

Tags
192365, 0, 2

Learning Outcome
Relate current events, plots of movies and state opinion.

FREN 315 - Focused Readings in French

Course Information

Teaching Area (new)
FREN

Course Number
315

Teaching Area
FREN

Course Title
Focused Readings in French

Course Description
Upon completion of this course, students will have mastered a basic reading proficiency in French for use in various disciplines or for personal interest. Students will read from a variety of text types in order to learn a range of linguistic structures and vocabulary, and become familiar with essential verbs and common syntax.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Note
For students with little or no French. Graduate students will be graded pass/fail. Undergraduates will receive letter grades.

FREN 317 - (Fren-Ital) French and Italian Cinema

Course Information

Teaching Area (new)
FREN

Course Number
317

Teaching Area
FREN

Course Title
(Fren-Ital) French and Italian Cinema

Course Description
Background for understanding and appreciating the best of motion picture art in France and Italy. Includes components of critical theory essential for analyzing film. Language of instruction is English; no knowledge of French or Italian required.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Learning Outcomes

Title
Film as technical art

Tags
192377, 2

Learning Outcome
Explore the essential aspects of cinema as an artistic medium and master the technical and critical terminology necessary to intelligently discuss the creative process.

Title
History of French & Italian Cinema

Tags
192413, 1

Learning Outcome
Identify major filmmakers, cinematic movements and questions that shaped the history of French and Italian cinema, with particular attention to their respective socio-historical contexts.

FREN 321 - Advanced French Part 1

Course Information

Teaching Area (new)
FREN

Course Number
321

Teaching Area
FREN

Course Title
Advanced French Part 1

Course Description
Grammar and composition, listening and speaking skills.

Department
French and Italian

When Taught
Fall, Winter, Summer

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Recommended
Fren 202 or equivalent

Note
Entry course for returned missionaries from French-language areas or others with equivalent French language experience. Required course for obtaining language credit by examination (Fren 101, 102, 201, 211R, 311R).

Learning Outcomes

Title
Advanced Functions in Speech and Writing

Tags
192403, 1

Learning Outcome
Students will narrate and describe in the present and past time frames, use connected discourse, and acquire strategies for managing communicative complications in French.

Title
Language Accuracy

Tags
192331, 0, 3

Learning Outcome
Students will demonstrate proper use of grammatical, lexical, and stylistic features of the French language.

Title
Communication strategies

Learning Outcome
Students will develop strategies for effective oral and written communication in a variety of contexts

FREN 322 - Advanced French Part 2

Course Information

Teaching Area (new)
FREN

Course Number
322

Teaching Area
FREN

Course Title
Advanced French Part 2

Course Description
Grammar and composition, listening and speaking skills.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Learning Outcomes

Title
Communicative Genres

Tags
192330, 3

Learning Outcome
Students will acquire techniques to produce a variety of text types, such as summaries, detailed descriptions and narrations, analyses and argumentative essays.

Title
Advanced Functions in Speech and Writing

Tags
192352, 1

Learning Outcome
Students will be able to narrate and describe in the present, past and future time frames, use connected discourse, and acquire strategies for managing complications in the French language.

Title
Superior Functions in Speech and Writing

Tags
192353, 2

Learning Outcome
Students will be able to support their opinions and hypothesize about abstract topics in the context of extended discourse.

Title
Critical Thinking, Accuracy, Text Types

Tags
192404, 3

Learning Outcome
Students will analyze grammatical, lexical, phonological and stylistic features of Advanced-level French language in summaries, detailed descriptions and narrations, analyses and argumentative essays.

FREN 325R - Individual French Language Review

Course Information

Teaching Area (new)
FREN

Course Number
325R

Teaching Area
FREN

Course Title
Individual French Language Review

Course Description
Guided individual online language practice.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FREN 202 - Intermediate French, Part 2

Recommended
Fren 211

Note
May be taken as supplemental bridge between Fren 202 and Fren 321 or for extra practice while taking any 300- or 400-level French course.

Learning Outcomes

Title
Improved language ability

Tags
192324, 1

Learning Outcome
Students will demonstrate improvement in their French language ability through performance on tests.

FREN 330 - Introduction to French Linguistics

Course Information

Teaching Area (new)
FREN

Course Number
330

Teaching Area
FREN

Course Title
Introduction to French Linguistics

Course Description
Subfields (phonetics, morphology, syntax, lexicology, semantics) and approaches (socio-linguistics, semiology, and pragmatics).

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Recommended
Fren 322

Learning Outcomes

Title
Critical Thinking

Tags
213809, 0, 1, 2023-08-29 09:07:39

Learning Outcome
Analyze linguistic data to find patterns of variation, apply learned principles and concepts to new data and problems, and identify constructive research questions and develop methodology appropriate to those questions.

Title
Linguistic Research

Tags
213810, 0, 2, 2023-08-29 09:07:43

Learning Outcome
Conduct research (finding examples of the linguistic phenomena examined in the course, applying analytical diagrams, comparing linguistic phenomena in various languages, using various instruments of linguistic analysis).

Title
Data Analysis

Tags
213811, 0, 3, 2023-08-29 09:07:45

Learning Outcome
Learn and apply appropriate quantitative, statistical, and qualitative methods to analyze real-world linguistic data, including speech recordings, elicited responses, and text corpora.

Title
Linguistic Diversity

Tags
213812, 0, 4, 2023-08-29 09:07:46

Learning Outcome
Evaluate and appreciate francophone diversity, especially with regards to language variation and policies.

FREN 340 - Introduction to Literary Analysis

Course Information

Teaching Area (new)
FREN

Course Number
340

Teaching Area
FREN

Course Title
Introduction to Literary Analysis

Course Description
How to read French prose, drama, and poetry and apply methods of literary criticism.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Fren 321 or concurrent enrollment

Note
Fulfills GE Letters elective; also capstone course for GE Languages of Learning requirement for returned missionaries.

Learning Outcomes

Title
Contextualization and Analysis

Tags
192102, 1

Learning Outcome
Contextualize and analyze French literature of various periods and genres.

Title
Analytical Writing

Tags
192103, 2

Learning Outcome
Write analytically about the literature in well-formatted essays.

Title
Basics Terms

Tags
192104, 3

Learning Outcome
Identify basic terms of literary analysis. (The specific list is available on the syllabus.)

FREN 345 - Francophone Culture

Course Information

Teaching Area (new)
FREN

Course Number
345

Teaching Area
FREN

Course Title
Francophone Culture

Course Description
Advanced studies in French or Francophone culture to be taken in country.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
Fren 102 or equivalent

Note
Study Abroad only.

Learning Outcomes

Title
Paris Walks

Tags
192318, 0

FREN 346R - French Choir

Course Information

Teaching Area (new)
FREN

Course Number
346R

Teaching Area
FREN

Course Title
French Choir

Course Description
French choir practice.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Culture and Language

Tags
192351, 0

Learning Outcome
Improve language skills and enhance cultural appreciation through choral singing.

FREN 361 - French Arts and Culture to 1715

Course Information

Teaching Area (new)
FREN

Course Number
361

Teaching Area
FREN

Course Title
French Arts and Culture to 1715

Course Description
Historical survey of institutions, fine arts, and social conditions to the death of Louis XIV.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Recommended
Fren 322

Note
Fulfills GE Arts elective.

Learning Outcomes

Title
Chronology of French Civilization

Tags
192105, 1

Learning Outcome
Demonstrate knowledge of the chronology of French civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts.

Title
Methods of Investigation

Tags
192106, 3

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

Title
Time Period Connections

Tags
192107, 4

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

Title
Cultural Topics

Tags
192108, 5

Learning Outcome
Articulate and defend clear, orderly thought on cultural topics.

Title
Locating and Evaluating Resources

Tags
192322, 1

FREN 362 - French Arts and Culture from 1715

Course Information

Teaching Area (new)
FREN

Course Number
362

Teaching Area
FREN

Course Title
French Arts and Culture from 1715

Course Description
Historical survey of institutions, fine arts, and social conditions.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Recommended
Fren 322

Note
Fulfills GE Arts elective.

Learning Outcomes

Title
Chronology of French Civilization

Tags
192109, 1

Learning Outcome
Demonstrate knowledge of the chronology of French civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts.

Title
Locating and Evaluating Resources

Tags
192110, 2

Learning Outcome
Locate and evaluate resources relevant to course assignments.

Title
Methods of Investigation

Tags
192111, 3

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

Title
Time Period Connections

Tags
192112, 4

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

Title
Cultural Topics

Tags
192113, 5

FREN 363 - Contemporary France and the Francophone World

Course Information

Teaching Area (new)
FREN

Course Number
363

Teaching Area
FREN

Course Title
Contemporary France and the Francophone World

Course Description
Current cultural, political, and social trends and issues in France as well as in the francophone world.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Exceptions for study abroad with professor/ advisor approval

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Recommended
Fren 322

Note
Fulfills GE Global and Cultural Awareness requirement.

Learning Outcomes

Title
Methods of Investigation

Tags
192115, 3

Learning Outcome
Apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations of a given event or topic and communicate findings coherently).

Title
Time Period Connections

Tags
192116, 4

Learning Outcome
Establish connections between events, movements, and ideas for the time period covered in this course.

Title
Cultural Topics

Tags
192117, 5

Learning Outcome
Articulate and defend clear, orderly thought on cultural topics.

FREN 377 - French Teaching Methods 1

Course Information

Teaching Area (new)
FREN

Course Number
377

Teaching Area
FREN

Course Title
French Teaching Methods 1

Course Description
Language acquisition theories and instructional practices specific to French language classrooms. First of a two-semester sequence for French Teaching majors and minors; fulfills methods course requirement for Dual Language Immersion Teaching minors.

Department
French and Italian

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Fren 321; FLang 276 (if a French teaching major)

Note
Taught in French and English.

Learning Outcomes

Title
Discuss historical and theoretical trends in language teaching

Tags
213813, 0, 1, 2023-08-29 09:08:07

FREN 378 - French Teaching Methods 2

Course Information

Teaching Area (new)
FREN

Course Number
378

Teaching Area
FREN

Course Title
French Teaching Methods 2

Course Description
Designing and practicing instruction for French classes in secondary schools. Developing teaching, critical thinking, and assessment skills.
Second course in a two-semester sequence for French Teaching majors and minors.

Department
French and Italian

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
For French Teaching Majors or Minors only; Fren 377; fingerprinting and FBI clearance.

Note
Taught in French and English.

Learning Outcomes

Title
Implement standards- and proficiency-based lesson planning

Learning Outcome
Plan effective language lessons that help students meet each of the World-Readiness Standards for Learning Languages and promote language proficiency as outlined in the ACTFL Proficiency Guidelines.

Title
Plan instructional units using innovative approaches

Learning Outcome
Plan effective instructional units using innovative approaches that help K-12 students develop language proficiency and interculturality.

Title
Integrate technology to support student learning

Learning Outcome
Integrate current technologies appropriate to language education to support student learning, develop language proficiency and cultural competence.

Title
Adapt instruction for diverse learners

Learning Outcome
Plan for adapting instruction and appropriately integrating technology to meet the individual learning needs of all students (including students with disabilities, culturally diverse learners, heritage speakers, native speakers, and gifted students) in the mainstream language classroom.

Title
Advocate for the benefits of language learning

Learning Outcome
Advocate for the benefits of developing proficiency in French to students, parents, and colleagues.

FREN 379 - French Teaching Practicum

Course Information

Course Number
379

Teaching Area
FREN

Course Title
French Teaching Practicum

Course Description
Implementing meaningful and engaging instruction in secondary school French classes; developing critical thinking, problem solving, literacy, and democratic character.

Department
French and Italian

When Taught
Winter

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Create appropriate learning experiences

Tags
213827, 0, 1, 2023-08-29 09:08:34

Learning Outcome
Develop and teach meaningful, standards-based, developmentally, and contextually appropriate lessons in French for K-12 students.

Title
Reflect on professional practice

Tags
213828, 0, 2, 2023-08-29 09:08:36

Learning Outcome
Engage in professional dialogue and reflection with your mentor teacher to improve your own professional practice.

Title
Become a professionally engaged world language educator

Tags
213829, 0, 3, 2023-08-29 09:08:38

Learning Outcome
Seek opportunities to develop professionally and to strengthen language and cultural competencies.

FREN 399R - Academic Internship: French Language Field Experience

Course Information

Teaching Area (new)
FREN

Course Number
399R

Teaching Area
FREN

Course Title
Academic Internship: French Language Field Experience

Course Description
On-the-job experience in French.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Conduct in culturally diverse settings

Tags
192400, 1

Learning Outcome
Students learn to navigate cultural difference in professional settings. They communicate appropriately with attention to social register.

Title
Improved language proficiency

Tags
192401, 3

Learning Outcome
Students will demonstrate improved speaking proficiency based on pre- and post-testing. This usually consists of an OPIc administered by the Center for Language Studies. The standing goal is to improve by one ACTFL sub-level (though the move from Intermediate High to Advanced Low is understandably difficult).

Title
Effective workplace communication

Tags
192402, 2

Learning Outcome
Students will acquire habits of effective communication in their target language for their place of work.

FREN 411R - French Conversation at the Superior Level

Course Information

Teaching Area (new)
FREN

Course Number
411R

Teaching Area
FREN

Course Title
French Conversation at the Superior Level

Course Description
Development of interpersonal and presentational speaking skills in French at the ACTFL Superior level. Intended for students with a solid mastery of French grammar who desire to develop highly-refined speaking skills.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- FREN 322 - Advanced French Part 2

Fee
N/A

Learning Outcomes

Title
Interpersonal Communication

Learning Outcome
· Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames. · Participate fully and effectively in discussions and debates on topics ranging from broad general interests to areas of specialized expertise, including supporting arguments and exploring hypotheses.

Title
Presentational Communication

Learning Outcome
· Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames. · Deliver extended presentations on abstract or hypothetical issues and ideas ranging from broad general interests to areas of specialized expertise, with precision of expression and to a variety of audiences.

FREN 414 - Introduction to French Translation

Course Information

Teaching Area (new)
FREN

Course Number
414

Teaching Area
FREN

Course Title
Introduction to French Translation

Course Description
Introduction to the principles and practice of translation from English into French and French into English, including contrastive stylistic analysis of French and English texts.

Department
French and Italian

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1

Recommended
French 322, French 340, at least one course in French Civilization (French 361, French 362, French 363)

Learning Outcomes

Title
Translate from English to French and French to English

Tags
211713, 0, 1

Learning Outcome
Demonstrate the ability to translate accurately a variety of text types from English into French and French into English, for a variety of target audiences.

Title
Resolving Translation Problems

Tags
211714, 0, 2

Learning Outcome
Explain and apply methods for resolving common translation problems.

Title
Awareness of Cultural Issues

Tags
211715, 0, 3

Learning Outcome
Gain an awareness of cultural issues at stake in translation.

Title
Translation Project

Tags
211716, 0, 4

Learning Outcome
Learn to plan and complete a translation project.

FREN 432 - History of French

Course Information

Teaching Area (new)
FREN

Course Number
432

Teaching Area
FREN

Course Title
History of French

Course Description
Introduction to the diachronic study of French beginning with its roots in Latin.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Fren 431 or concurrent enrollment

Learning Outcomes

Title
Language

Tags
192123, 4

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192122, 0, 2

Learning Outcome
Write detailed linguistic analyses of French data from different periods, including contributions to one major class project

FREN 433R - Studies in French Linguistics

Course Information

Teaching Area (new)
FREN

Course Number
433R

Teaching Area
FREN

Course Title
Studies in French Linguistics

Course Description
Advanced study of linguistic fields such as phonetics, phonology, morphology, syntax, semantics, and pragmatics.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
FREN 330 or concurrent enrollment.

Learning Outcomes

Title
French Linguistics

Tags
213830, 0, 1, 2023-08-29 09:09:22

Learning Outcome
Demonstrate mastery of the elements of advanced French linguistics.

Title
Research

Tags
213831, 0, 2, 2023-08-29 09:09:24

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

Title
Data Analysis

Tags
213832, 0, 3, 2023-08-29 09:09:27

Learning Outcome
Analyze and draw conclusions from linguistic data.

FREN 445 - Advanced Francophone Culture

Course Information

Teaching Area (new)
FREN

Course Number
445

Teaching Area
FREN

Course Title
Advanced Francophone Culture

Course Description
Advanced study of Francophone culture requiring significant research paper. Taken as part of a program abroad.

Department
French and Italian

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Fren 321

Note
Research paper required.

Learning Outcomes

Title
Language

Tags
192169, 2

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192168, 0, 1

Learning Outcome
Complete either a substantive experiential learning project or research paper with appropriate sources under the direction of your instructor.

FREN 452R - Studies in Period, Movement, and Theme

Course Information

Teaching Area (new)
FREN

Course Number
452R

Teaching Area
FREN

Course Title
Studies in Period, Movement, and Theme

Course Description
Various periods and movements (e.g., medieval, classicism, romanticism) or themes (e.g., Arthur, Faust). Topics vary.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 340 - Introduction to Literary Analysis

Learning Outcomes

Title
Period, Movement, Theme

Tags
192126, 1

Learning Outcome
Evaluate and contextualize a particular period, movement, or theme in French or Francophone studies and justify the limitations of its definitions.

Title
Language

Tags
192127, 2

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192128, 3

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

FREN 453R - Studies in Genre

Course Information

Teaching Area (new)
FREN

Course Number
453R

Teaching Area
FREN

Course Title
Studies in Genre

Course Description
In-depth study of various genres (e.g., epic, novel, lyric, film) and problems of genre in French.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 340 - Introduction to Literary Analysis

Learning Outcomes

Title
Genre

Tags
192129, 1

Learning Outcome
Evaluate basic concepts of a particular genre and explain the limitations of generic categorizations.

Title
Language

Tags
192130, 2

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192131, 3

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

FREN 454R - Studies in Author

Course Information

Teaching Area (new)
FREN

Course Number
454R

Teaching Area
FREN

Course Title
Studies in Author

Course Description
In-depth study of major French or Francophone authors (e.g., Rabelais, Moliere, Diderot, Balzac).

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 340 - Introduction to Literary Analysis

Learning Outcomes

Title
Author

Tags
192132, 1

Learning Outcome
Evaluate and contextualize the unique contributions of a particular author.

Title
Language

Tags
192133, 2

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192134, 3

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

FREN 455R - Studies in Literary Theory

Course Information

Teaching Area (new)
FREN

Course Number
455R

Teaching Area
FREN

Course Title
Studies in Literary Theory

Course Description
In-depth study of primary texts by contemporary literary theorists (e.g., Barthes, Genette, structuralism, etc.). Language of instruction is English.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 340 - Introduction to Literary Analysis

Learning Outcomes

Title
Application of Theory

Tags
192135, 1

Learning Outcome
Apply theoretical models to various cultural artifacts and practices

Title
Theory

Tags
192136, 2

Learning Outcome
Investigate a variety of theoretical models for the analysis of literature and cultural phenomena.

Title
Language

Tags
192137, 3

Learning Outcome
Demonstrate improved language ability

Title
Research

Tags
192138, 4

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

FREN 456R - Francophone Studies

Course Information

Teaching Area (new)
FREN

Course Number
456R

Teaching Area
FREN

Course Title
Francophone Studies

Course Description
Readings from major French-speaking writers from countries outside France, such as Canada, Africa, and the Caribbean.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 340 - Introduction to Literary Analysis

Learning Outcomes

Title
Critical Literary Analysis

Tags
206759, 4

Learning Outcome
Students critically analyze literature from the Francophone world.

Title
Francophone identities

Tags
206760, 2

Learning Outcome
Students analyze the diversity and breadth of the culture, history and practices of the Francophone world.

FREN 457R - Studies in French Culture

Course Information

Teaching Area (new)
FREN

Course Number
457R

Teaching Area
FREN

Course Title
Studies in French Culture

Course Description
In-depth study of French historical, political, and social issues or artistic trends.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- FREN 361 - French Arts and Culture to 1715
  OR FREN 362 - French Arts and Culture from 1715

Recommended
Fren 363

Learning Outcomes

Title
French Culture

Tags
192144, 1

Learning Outcome
Evaluate and contextualize a significant component of French or Francophone culture.

Title
Research

Tags
192145, 2

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

FREN 458R - Women in French and Francophone Literature

Course Information

Teaching Area (new)
FREN

Course Number
458R

Teaching Area
FREN

Course Title
Women in French and Francophone Literature

Course Description
Analysis of the contributions of women in French and/or Francophone literature. Assessment of the representations of women in French literary texts.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
FREN 340; FREN 321

FREN 470R - Direct Enrollment in French University

Course Information

Teaching Area (new)
FREN

Course Number
470R

Teaching Area
FREN

Course Title
Direct Enrollment in French University

Course Description
Register for this course in consultation with department internship coordinator. To be taken only when enrolled directly in French university as part of BYU professional program in France. Only enroll when curriculum of other BYU courses do not correspond to the course enrolled in French university.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- FREN 321 - Advanced French Part 1
  AND FREN 322 - Advanced French Part 2

Recommended
Fren 340

Learning Outcomes

Title
French University

Tags
192325, 1

Learning Outcome
Students will fulfill learning outcomes of the French university course in which they are enrolled.

Title
Culture

Tags
192326, 2

Learning Outcome
Students will write analytically about the course content and about cultural differences in the educational system.

Title
Connections

Tags
192327, 3

Learning Outcome
Students will articulate connections between their course experience and their future goals.

FREN 476R - Secondary Student Teaching

Course Information

Teaching Area (new)
FREN

Course Number
476R

Teaching Area
FREN

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; OPI rating of Advanced Low; FBI fingerprint background clearance

Learning Outcomes

Title
Student Teaching Experience

Tags
183587, 1

Learning Outcome
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

FREN 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
FREN

Course Number
477R

Teaching Area
FREN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
French and Italian

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; OPI rating of Advanced Low; FBI fingerprint background clearance.

FREN 480R - Mentored Research in French and Francophone studies

Course Information

Teaching Area (new)
FREN

Course Number
480R

Teaching Area
FREN

Course Title
Mentored Research in French and Francophone studies

Course Description
Faculty-mentored research to fit the individual needs of the advanced student. Terms must be established by contract and approved by chair.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Research and Critical Thinking

Tags
192170, 1

Learning Outcome
Formulate and express in writing critical arguments on a specialized topic reflecting an understanding of primary and secondary sources.

FREN 481R - French Lecture Series

Course Information

Course Number
481R

Teaching Area
FREN

Course Title
French Lecture Series

Course Description
Lectures on topics related to French and Francophone studies by faculty and advanced students.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Skills

Learning Outcome
Analyze the literature, language, and cultures of the French-speaking world, drawing upon an ability to evaluate and synthesize relevant primary and critical sources.

Title
Critical Thinking

Learning Outcome
Students critically evaluate literary, cultural, and linguistic problems from the French-speaking world and discuss them in clear written and oral expression.

Title
Portable Competencies

Learning Outcome
Graduates in French are able to synthesize and interpret information, communicate effectively, and navigate cultural difference. They can articulate the value of their humanities degree and the relationship between their academic experience and personal and professional goals.This results from coursework but also from experiential learning such as study abroad and internships.

FREN 491R - Senior Oral Proficiency Evaluation

Course Information

Teaching Area (new)
FREN

Course Number
491R

Teaching Area
FREN

Course Title
Senior Oral Proficiency Evaluation

Course Description
Evaluation required of all French majors during the senior year and all French-teaching majors and minors before enrolling in Fren 378.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Linguistic Proficiency

Tags
192182, 1

Learning Outcome
Establish an oral proficiency rating by taking the Oral Proficiency Interview.

FREN 495 - Senior Portfolio Capstone

Course Information

Teaching Area (new)
FREN

Course Number
495

Teaching Area
FREN

Course Title
Senior Portfolio Capstone

Course Description
Capstone experience for French studies majors, including revision and assessment of writing.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Recommended
Fren 321, 322, 340.

Learning Outcomes

Title
French Degree and Future Plans

Tags
192149, 2

Learning Outcome
Identify connections between French degree and future plans.

Title
Resume

Tags
192150, 6

Learning Outcome
Compose a professional resume with feedback from the advisement center.

Title
Revising Best Papers

Tags
192151, 8

Learning Outcome
Identify and revise your best papers from French courses.

Title
ACTFL Assessments

Tags
192363, 4

Learning Outcome
Pass OPI and WPT at Advanced Low or higher.

FREN 496R - Academic Internship: Secondary Education

Course Information

Teaching Area (new)
FREN

Course Number
496R

Teaching Area
FREN

Course Title
Academic Internship: Secondary Education

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; OPI rating of Advanced Low; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship Experience

Tags
211348, 0, 1

Learning Outcome
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

FREN 510 - MA Practicum 1.

Course Information

Teaching Area (new)
FREN

Course Number
510

Teaching Area
FREN

Course Title
MA Practicum 1.

Course Description
Critical strategies and interpretative skills necessary for MA examinations.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Reading List 1 (up to XVIIIth century)

Tags
192314, 0

Learning Outcome
Discuss significant works of French and Francophone literature, explain their historical context, importance, influence, and distinctive features.

FREN 511 - MA Practicum 2

Course Information

Teaching Area (new)
FREN

Course Number
511

Teaching Area
FREN

Course Title
MA Practicum 2

Course Description
Critical strategies and interpretative skills necessary for MA examinations.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Reading List II (XVIIIth century to present)

Tags
192222, 1

Learning Outcome
Discuss significant works of French and Francophone literature, explain their historical context, importance, influence, and distinctive features.

FREN 512 - MA Practicum 3

Course Information

Teaching Area (new)
FREN

Course Number
512

Teaching Area
FREN

Course Title
MA Practicum 3

Course Description
Research tools and methods, the process of selecting a thesis topic, compiling a bibliography, and writing a prospectus.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Bibliography

Tags
192231, 1

Learning Outcome
Generate a preparatory bibliography that will establish a scholarly foundation for the thesis.

Title
Prospectus

Tags
192232, 2

Learning Outcome
Generate a well-conceived, clearly-articulated, and well-documented prospectus for the MA thesis.

FREN 533 - Advanced Studies in French Linguistics

Course Information

Teaching Area (new)
FREN

Course Number
533

Teaching Area
FREN

Course Title
Advanced Studies in French Linguistics

Course Description
Advanced study of linguistic features such as phonetics and phonology, semantization, lexical development, morphology, and contrastive syntax.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research

Tags
192233, 2

Learning Outcome
Write at least one substantive research paper that effectively incorporates secondary sources.

Title
Analysis

Tags
192234, 3

Learning Outcome
Codify and draw conclusions from the data analyzed.

Title
Linguistics

Tags
192312, 0

Learning Outcome
Demonstrate mastery the elements of advanced French linguistics.

FREN 599R - Academic Internship: French Language Field Experience

Course Information

Teaching Area (new)
FREN

Course Number
599R

Teaching Area
FREN

Course Title
Academic Internship: French Language Field Experience

Course Description
On-the-job experience in French; research paper analyzing the experience and other requirements as graduate coordinator sees fit.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional and Cultural

Tags
192328, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

G E 101 - Physical Education

Course Information

Teaching Area (new)
G E

Course Number
101

Teaching Area
G E

Course Title
Physical Education

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 102 - Physical Education

Course Information

Teaching Area (new)
G E

Course Number
102

Teaching Area
G E

Course Title
Physical Education

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 106 - ACT Math

Course Information

Teaching Area (new)
G E

Course Number
106

Teaching Area
G E

Course Title
ACT Math

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

G E 110 - GE Social Science

Course Information

Teaching Area (new)
G E

Course Number
110

Teaching Area
G E

Course Title
GE Social Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 112 - Economic Principles and Problems

Course Information

Teaching Area (new)
G E

Course Number
112

Teaching Area
G E

Course Title
Economic Principles and Problems

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

G E 114 - American Government and Politics

Course Information

Teaching Area (new)
G E

Course Number
114

Teaching Area
G E

Course Title
American Government and Politics

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

G E 119 - General Education: Civilization 1

Course Information

Course Number
119

Teaching Area
G E

Course Title
General Education: Civilization 1

Department
Undergraduate Education

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

G E 120 - General Education: Civilization 2

Course Information

Course Number
120

Teaching Area
G E

Course Title
General Education: Civilization 2

Department
Undergraduate Education

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

G E 121 - GE Arts

Course Information

Teaching Area (new)
G E

Course Number
121

Teaching Area
G E

Course Title
GE Arts

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 122 - GE Letters

Course Information

Teaching Area (new)
G E

Course Number
122

Teaching Area
G E

Course Title
GE Letters

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 123 - General Education: Biological Sciences

Course Information

Course Number
123

Teaching Area
G E

Course Title
General Education: Biological Sciences

Department
Undergraduate Education

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

G E 124 - General Education: Physical Science

Course Information

Course Number
124

Teaching Area
G E

Course Title
General Education: Physical Science

Department
Undergraduate Education

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

G E 130 - GE Natural Science

Course Information

Teaching Area (new)
G E

Course Number
130

Teaching Area
G E

Course Title
GE Natural Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 140 - GE Global and Cultural Awareness

Course Information

Teaching Area (new)
G E

Course Number
140

Teaching Area
G E

Course Title
GE Global and Cultural Awareness

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 150 - G E Chemistry

Course Information

Teaching Area (new)
G E

Course Number
150

Teaching Area
G E

Course Title
G E Chemistry

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

G E 211R - Arts and Letters

Course Information

Teaching Area (new)
G E

Course Number
211R

Teaching Area
G E

Course Title
Arts and Letters

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 220 - United States History

Course Information

Teaching Area (new)
G E

Course Number
220

Teaching Area
G E

Course Title
United States History

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

G E 221R - Natural Science

Course Information

Teaching Area (new)
G E

Course Number
221R

Teaching Area
G E

Course Title
Natural Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 221R - Natural Science

Course Information

Teaching Area (new)
G E

Course Number
221R

Teaching Area
G E

Course Title
Natural Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Fixed/Max:
18

G E 222R - Colloquium in Social and Behavioral Science

Course Information

Teaching Area (new)
G E

Course Number
222R

Teaching Area
G E

Course Title
Colloquium in Social and Behavioral Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 231R - Social and Behavioral Science

Course Information

Teaching Area (new)
G E

Course Number
231R

Teaching Area
G E

Course Title
Social and Behavioral Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 231R - Political Science Elective

Course Information

Teaching Area (new)
G E

Course Number
231R

Teaching Area
G E

Course Title
Political Science Elective

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 231R - Social and Behavioral Science

Course Information

Teaching Area (new)
G E

Course Number
231R

Teaching Area
G E

Course Title
Social and Behavioral Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

G E 241R - Colloquium in Natural Science

Course Information

Teaching Area (new)
G E

Course Number
241R

Teaching Area
G E

Course Title
Colloquium in Natural Science

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 301 - Advanced Writing

Course Information

Teaching Area (new)
G E

Course Number
301

Teaching Area
G E

Course Title
Advanced Writing

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

G E 311R - Advanced Math/Foreign Language

Course Information

Teaching Area (new)
G E

Course Number
311R

Teaching Area
G E

Course Title
Advanced Math/Foreign Language

Course Description
Not a valid course. Only to be used to apply credits to General Education requirements.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GA 100 - Language Study: Ga

Course Information

Teaching Area (new)
GA

Course Number
100

Teaching Area
GA

Course Title
Language Study: Ga

Course Description
Survival-level conversation, reading, listening, and culture skills in Ga.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195590, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195592, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195593, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

GA 101 - First-Year Language Study: Ga

Course Information

Teaching Area (new)
GA

Course Number
101

Teaching Area
GA

Course Title
First-Year Language Study: Ga

Course Description
Beginning speaking, listening, reading, and writing skills in Ga.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195597, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195598, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195600, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195603, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GA 102 - First-Year Language Study: Ga

Course Information

Teaching Area (new)
GA

Course Number
102

Teaching Area
GA

Course Title
First-Year Language Study: Ga

Course Description
Second-semester speaking, listening, reading, and writing skills in Ga.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 101 - First-Year Language Study: Ga

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195607, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195609, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195610, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195614, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GA 201 - Second-Year Language Study: Ga

Course Information

Teaching Area (new)
GA

Course Number
201

Teaching Area
GA

Course Title
Second-Year Language Study: Ga

Course Description
Intermediate speaking, listening, reading, and writing skills in Ga.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 102 - First-Year Language Study: Ga

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195617, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195618, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195619, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195621, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

GA 202 - Second-Year Language Study: Ga

Course Information

Teaching Area (new)
GA

Course Number
202

Teaching Area
GA

Course Title
Second-Year Language Study: Ga

Course Description
Continued emphasis on Ga communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 201 - Second-Year Language Study: Ga

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195624, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195626, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195627, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195629, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GA 305 - Language Skills Development: Ga

Course Information

Teaching Area (new)
GA

Course Number
305

Teaching Area
GA

Course Title
Language Skills Development: Ga

Course Description
Increasing proficiency in one or more of the following Ga language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195632, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195633, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195634, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

GA 321 - Advanced Grammar: Ga

Course Information

Teaching Area (new)
GA

Course Number
321

Teaching Area
GA

Course Title
Advanced Grammar: Ga

Course Description
Systematic review of grammar and syntax of Ga.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 202 - Second-Year Language Study: Ga

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195637, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195639, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195641, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

Course Information

Teaching Area (new)
GA

Course Number
330

Teaching Area
GA

Course Title
Advanced Language Proficiency Through Cultural Studies: Ga

Course Description
Study of Ga culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ga 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195643, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195644, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195646, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195648, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GA 340 - Introduction to Literature: Ga

Course Information

Teaching Area (new)
GA

Course Number
340

Teaching Area
GA

Course Title
Introduction to Literature: Ga

Course Description
Advanced study of Ga literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
195651, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195653, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195656, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195657, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

GA 350 - Advanced Language Study for Career Purposes: Ga

Course Information

Teaching Area (new)
GA

Course Number
350

Teaching Area
GA

Course Title
Advanced Language Study for Career Purposes: Ga

Course Description
Concentration on Ga language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GA 330 - Advanced Language Proficiency Through Cultural Studies: Ga

Learning Outcomes

Title
Defined Career Purposes

Tags
195660, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195663, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195664, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195665, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195666, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

GCI 300 - Social Impact: Do Good Better

Course Information

Teaching Area (new)
MSB

Course Number
300

Teaching Area
GCI

Course Title
Social Impact: Do Good Better

Course Description
Focuses on the most prominent approaches used in social impact and social innovation. Students develop skills in analyzing social ventures, including theory of change, solution evaluation, and social impact measurement; and leave with the confidence to pursue a life of purpose.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Social Impact Cycle

Learning Outcome
Learn to solve social problems using the social impact cycle.

Title
Defining and Identifying Impact

Learning Outcome
Articulate what social impact is—including the ability to discern the difference between impact, outcome, and output.

Title
Analyzing Social Problems

Learning Outcome
Understand the complexity of social problems and how understanding and thorough research are required for effective solutions.

Title
Designing Social Change Interventions

Learning Outcome
Develop the skills to analyze social issues and social ventures, including using a theory of change, social problem consequences, intervention, measurement, evaluation, and organizational learning.

Title
Faith and Impact

Learning Outcome
Apply faith in Jesus Christ to solving social problems.

GCI 310 - Designing Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
310

Teaching Area
GCI

Course Title
Designing Social Impact

Course Description
Use human-centered design to address social issues. Learn techniques focused on empathizing with the beneficiaries of the innovation, defining the beneficiaries' needs, ideating to create innovative solutions, prototyping creative solutions, and testing those solutions.

Department
Public Service and Ethics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MSB 375

Learning Outcomes

Title
Create a social impact service

Learning Outcome
Produce a service management/implementation plan.

Title
Relate Theory to Practice

Learning Outcome
Relate human-centered design theory to a specific social issue.

Learning Outcome
Analyze the unique perspectives and contributions of beneficiaries, citizens, clients, and customers in collaborative design processes

GCI 320 - Implementing Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
320

Teaching Area
GCI

Course Title
Implementing Social Impact

Course Description
Learn the advantages and disadvantages of intervention options in the four sectors (public, nonprofit, for-profit, civil society) and hybrid designs (collaboration, contracting, partnership). Learn how to fund and organize initiatives within the four sector framework.

Department
Public Service and Ethics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MSB 375

Learning Outcomes

Title
Remember

Learning Outcome
Identify various designs such as collaboration, contracting, and partnership.

Title
Understand

Learning Outcome
Describe the principles and structures of funding initiatives within the four-sector framework.

Title
Understand

Learning Outcome
Contrast the key characteristics of legal structures including public, nonprofit, for-profit, and civil society sectors

Title
Analyze

Learning Outcome
Analyze the effectiveness of different intervention strategies across the four sectors through case studies.

GCI 330 - Evaluating Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
330

Teaching Area
GCI

Course Title
Evaluating Social Impact

Course Description
Introduce theory and practice of social impact measurement. Examine need for social impact measurement, identify several competing contemporary approaches to social impact measurement, and compare and contrast the methods and effectiveness of different approaches.

Department
Public Service and Ethics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MSB 375

Learning Outcomes

Title
Rationale for Impact Measurement

Learning Outcome
Articulate why social impact measurement is essential for organizational accountability, learning, and effectiveness in addressing social challenges.

Title
Contemporary Measurement Frameworks

Learning Outcome
Identify and explain multiple contemporary approaches to social impact measurement, including their underlying theories, methodologies, and applications.

Title
Comparative Methods Analysis

Learning Outcome
Compare and contrast different social impact measurement approaches by evaluating their strengths, limitations, and appropriateness for various organizational contexts and social interventions.

Title
Discernment of Outcomes

Learning Outcome
Combine rigorous evaluation methods and gospel prinicples to discern what truly produces lasting positive change and worthy outcomes.

GCI 381R - Social Impact Lecture Series

Course Information

Teaching Area (new)
MSB

Course Number
381R

Teaching Area
GCI

Course Title
Social Impact Lecture Series

Course Description
Lecture by successful social entrepreneurs and employees of high-impact social ventures significant to social impact.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Social Entrepreneurship Insights

Learning Outcome
Analyze the strategies, challenges, and success factors of social entrepreneurs and high-impact organizations through direct engagement with industry practitioners.

Title
Diverse Models and Approaches

Learning Outcome
Identify and evaluate various models for creating social impact across different sectors, organizational types, and cause areas.

Title
Purpose-Driven Career Vision

Learning Outcome
Articulate how they can use their own talents and career paths to serve others and contribute to positive social change, inspired by examples of those who have dedicated their work to meaningful causes.

GCI 425R - Social Impact Projects

Course Information

Teaching Area (new)
MSB

Course Number
425R

Teaching Area
GCI

Course Title
Social Impact Projects

Course Description
Direct, practical on-campus and off-campus experience interning and consulting with established and recognized social innovators. Students apply to be involved in specific projects and are accepted to work on specific projects based on their skills.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Applied Problem-Solving

Learning Outcome
Analyze complex social challenges facing partner organizations and develop innovative, evidence-based solutions that address real-world needs.

Title
Collaborative Teamwork

Learning Outcome
Work effectively in multidisciplinary teams to complete consulting projects that create measurable impact for social change organizations.

Title
Professional Practice

Learning Outcome
Apply their disciplinary knowledge and professional skills in organizational settings to address community challenges and advance their career readiness.

Title
Impact-Oriented Purpose

Learning Outcome
Demonstrate how their unique talents and education can be consecrated in service to others, contributing to positive social change in alignment with principles of Christian stewardship and compassion.

GCI 430R - Ballard Brief

Course Information

Teaching Area (new)
MSB

Course Number
430R

Teaching Area
GCI

Course Title
Ballard Brief

Course Description
Write a Ballard Brief intended for publication. The Ballard Brief should reflect deep research and excellent writing on a social impact topic of wide concern to inform the general public on key issues and interventions.

Department
Public Service and Ethics

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Note
Students must apply for a spot in the class. For more on how to apply, please email ballardbrief@byu.edu.

Learning Outcomes

Title
Social Awareness

Learning Outcome
Gain a deeper understanding of/expertise on their social issue, including the various contributing social, historical, political, and geographic factors and how they combine to create a problem.

Title
Impact Evaluation

Learning Outcome
Develop rigorous social impact evaluation skills based on data and contextual information.

Title
Research Skills

Learning Outcome
Develop and demonstrate advanced research skills and a deep commitment to using informed, reliable, and accurate data.

Title
Editing

Learning Outcome
Develop advanced editing skills such as looking critically at one's own and others' biases/assumptions and having a good presentation and organization of ideas and information.

GCI 435R - GoodMeasure

Course Information

Teaching Area (new)
MSB

Course Number
435R

Teaching Area
GCI

Course Title
GoodMeasure

Course Description
GoodMeasure focuses on the practice of social impact measurement. Students use data to manage, evaluate, and achieve the desired program outcomes through faculty-supported semi-professional consultancies with government, business, and nonprofit organizations.

Department
Public Service and Ethics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- GCI 330 - Evaluating Social Impact

Learning Outcomes

Title
Apply

Learning Outcome
Implement the social impact cycle and evaluation principles to a social impact organization.

Title
Create

Learning Outcome
Produce evaluation deliverables for an outside social impact organization, which could include writing an evaluation plan, gathering evaluation data, or analyzing data to produce an evaluation report.

GCI 440R - Startups for Good

Course Information

Teaching Area (new)
MSB

Course Number
440R

Teaching Area
GCI

Course Title
Startups for Good

Course Description
Explore the creation of businesses designed to address social issues. Through analysis, research, and mentoring, learn how startups for good operate and the unique challenges they encounter.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Apply:

Learning Outcome
Implement business knowledge, entrepreneurship skills, and the social impact cycle to analyze a social issue, identify its root causes, and develop a Minimum Viable Product (MVP) to help alleviate it.

Title
Analyze:

Learning Outcome
Differentiate between different business models to best fit the needs of their social venture.

Title
Evaluate:

Learning Outcome
Check the viability of their social venture through small-scale pilots, protoyping, and testing.

Title
Create:

Learning Outcome
Produce pitch deck that demonstrates a viable business and social venture, allowing them to secure funding through pitching to experts.

GCI 443 - Corporate Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
443

Teaching Area
GCI

Course Title
Corporate Social Impact

Course Description
Introduction to corporate led efforts in social impact. Shareholder, management, and employee views of corporate social impact (CSI) efforts. Frameworks for understanding increasing efforts by corporations to show demonstrable outcomes of their CSI efforts.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
CSI Framework Analysis

Learning Outcome
Evaluate various corporate social impact frameworks and models to assess how businesses integrate social responsibility into their operations and strategy.

Title
Stakeholder Perspective Integration

Learning Outcome
Analyze corporate social impact initiatives from multiple stakeholder viewpoints, including shareholders, management, and employees, to understand competing priorities and shared value creation.

Title
Impact Measurement and Assessment

Learning Outcome
Apply methods for measuring and evaluating the demonstrable outcomes of corporate social impact efforts to determine their effectiveness and authenticity.

Title
Business Stewardship

Learning Outcome
Articulate how corporations can serve as instruments for good in society, reflecting principles of ethical stewardship, integrity, and responsibility to both profit and people.

GCI 447 - Impact Investing

Course Information

Teaching Area (new)
MSB

Course Number
447

Teaching Area
GCI

Course Title
Impact Investing

Course Description
Impact investing markets, analysis, due diligence, and practice.

Department
Public Service and Ethics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
N/A

Recommended
N/A

Learning Outcomes

Title
Impact Investing Landscape

Learning Outcome
Identify and analyze key sectors, instruments, and trends within impact investing markets to understand opportunities for generating both financial and social returns.

Title
Investment Analysis and Evaluation

Learning Outcome
Apply analytical frameworks to assess the financial viability and social impact potential of investment opportunities across various asset classes.

Title
Due Diligence Practice

Learning Outcome
Conduct comprehensive due diligence on impact investments, evaluating both traditional financial metrics and impact measurement methodologies.

Title
Values-Aligned Capital Stewardship

Learning Outcome
Demonstrate how investment decisions can align financial resources with moral values and contribute to solving society's challenges, reflecting principles of consecration and responsible stewardship.

GCI 448 - Advanced Impact Investing

Course Information

Teaching Area (new)
MSB

Course Number
448

Teaching Area
GCI

Course Title
Advanced Impact Investing

Course Description
Advanced focus of impact investing due diligence and analysis methods. Practical application of these skills on current impact investment opportunities.

Department
Public Service and Ethics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Advanced Due Diligence Methodology

Learning Outcome
Execute sophisticated due diligence processes for impact investments, integrating advanced financial analysis with comprehensive impact assessment frameworks.

Title
Real-World Investment Application

Learning Outcome
Evaluate actual impact investment opportunities using professional-grade analytical tools to make evidence-based investment recommendations.

Title
Principled Capital Deployment

Learning Outcome
Demonstrate expertise in deploying capital that creates sustainable social value while generating financial returns, embodying principles of wise stewardship to lift others.

GCI 450R - Creating Virtuous Organizations

Course Information

Teaching Area (new)
MSB

Course Number
450R

Teaching Area
GCI

Course Title
Creating Virtuous Organizations

Course Description
Identify the cornerstones of theory on which market systems are built, identify principles and practices for virtuous business, and connect with businesses and other organizations to refine, teach, and apply these principles and practices.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Market System Foundations

Learning Outcome
Analyze the theoretical cornerstones underlying market-based economic systems and evaluate how virtue integrates with market principles to create sustainable value.

Title
Virtuous Business Principles

Learning Outcome
Identify and apply core principles and practices of virtuous business leadership, including ethical decision-making, stakeholder consideration, and organizational integrity.

Title
Applied Virtue in Organizations

Learning Outcome
Partner with businesses and organizations to assess, refine, and implement virtuous practices that enhance both organizational effectiveness and positive social impact.

Title
Christlike Character Development Through Business Practice

Learning Outcome
Demonstrate personal growth in virtuous attributes such as integrity, compassion, and moral courage, reflecting the principle that business can be a crucible for developing Christlike character and serving others with honor.

GCI 460 - Advanced Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
460

Teaching Area
GCI

Course Title
Advanced Social Impact

Course Description
Focuses on the study of high-impact social benefit organizations in nonprofit, governmental, church, education, for-profit, and hybrid environments. Advanced focus on using measurement and evaluation metrics to support long term project funding.

Department
Public Service and Ethics

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Cross-Sector Social Impact Analysis

Learning Outcome
Compare and evaluate high-impact social benefit organizations across nonprofit, governmental, religious, educational, for-profit, and hybrid sectors to identify best practices and sector-specific strengths.

Title
Impact Measurement and Evaluation

Learning Outcome
Design and apply advanced measurement and evaluation frameworks to assess the effectiveness and outcomes of social impact initiatives.

Title
Metrics-Driven Funding Strategy

Learning Outcome
Utilize impact metrics and evaluation data to develop compelling cases for long-term project funding and organizational sustainability.

Title
Organizational Effectiveness Assessment

Learning Outcome
Analyze what distinguishes high-impact organizations from their peers and apply these insights to strengthen social impact ventures.

Title
Zion-Building Through Social Innovation

Learning Outcome
Demonstrate how effective social impact organizations across all sectors can contribute to building Zion by relieving suffering, empowering individuals, and creating lasting positive change in communities.

GCI 488 - Improving Helping Behavior

Course Information

Course Number
488

Teaching Area
GCI

Course Title
Improving Helping Behavior

Course Description
This class focuses on improving the ways you can be helpful to others, with a focus on informal helping. The course draws on research and evidence-based practices that lead to more effective helping behavior.

Department
Public Service and Ethics

When Taught
Fall

Credit Hours

Min:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Flourishing

Learning Outcome
Recognize common elements of human flourishing and apply them to helping behaviors.

Title
Finding Your Calling

Learning Outcome
Employ core ideas and insights for finding the ways one is best suited to help others.

Title
Impact

Learning Outcome
Use counterfactual and opportunity cost thinking to identify helping with positive impact.

Title
Caring for Others

Learning Outcome
Apply practices that reliably increase one's compassion for other people.

Title
Mastering Problems

Learning Outcome
Develop practices for achieving expertise in understanding particular problems.

Title
Innovating

Learning Outcome
Describe and select the innovation role best suited for a given need.

Title
Making It Stick

Learning Outcome
Use effective strategies for making helpful behavior sustainable over the long-term.

Title
Acting Ethically

Learning Outcome
Recognize and avoid common ethical pitfalls faced by helpers.

Title
Avoiding Enmity

Learning Outcome
Model knowledge and behavior that resists enmity as a tool for helping.

GCI 491R - Topics In Social Impact

Course Information

Teaching Area (new)
MSB

Course Number
491R

Teaching Area
GCI

Course Title
Topics In Social Impact

Course Description
Current social impact-related topics varying by semester and section.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Social Impact Concepts and Tools

Tags
214107, 0, 1, 2023-08-29 11:08:01

Learning Outcome
Demonstrate an ability to apply relevant social impact concepts and tools with existing social benefit organizations.

Title
Portfolio Skills

Tags
214108, 0, 2, 2023-08-29 11:08:03

Learning Outcome
Create additions to student’s resume portfolio that demonstrates relevant skills and outputs.

Title
Facilitate Connections

Tags
214109, 0, 3, 2023-08-29 11:08:05

Learning Outcome
Identify social impact organizations and careers that can best facilitate social impact.

GEOG 100 - The Geographic Approach

Course Information

Teaching Area (new)
GEOG

Course Number
100

Teaching Area
GEOG

Course Title
The Geographic Approach

Course Description
This course gives an overview of the discipline of geography and introduces students to the faculty and the geography major at BYU. In addition, the course helps students understand and prepare for future career and academic opportunities in their chosen field.

Department
Geography

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain Your Major

Tags
182852, 2

Learning Outcome
Be able to explain to your parents, spouse, children, neighbor, a complete stranger why you are a geography major.

Title
Conceptualize Geography

Tags
182853, 1

Learning Outcome
Develop your own personal conceptual framework for the idea and disciplinary development of geography.

Title
Know Your Faculty

Tags
182854, 3

Learning Outcome
Be able to identify all of the faculty members in the department by name and area of interest.

Title
Careers and Graduate school

Tags
182855, 4

Learning Outcome
Be able to identify and target possible careers related to your program emphasis and/or potential graduate schools.

GEOG 101 - Global Environment: Understanding Physical Geography

Course Information

Teaching Area (new)
GEOG

Course Number
101

Teaching Area
GEOG

Course Title
Global Environment: Understanding Physical Geography

Course Description
Physical environment, distribution and interrelationships of climates, landforms, ecosystems and their human significance.

Department
Geography

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Outcome 1

Tags
182856, 1

Learning Outcome
To be conversant in the language and vocabulary of physical geography.

Title
Outcome 2

Tags
182857, 2

Learning Outcome
Appreciate the extraordinary powers and delicate balances involved in the dynamic biophysical world in which you live.

Title
Outcome 3

Tags
182858, 3

Learning Outcome
Make rational decisions with respect to current and future environmental challenges.

Title
Outcome 4

Tags
182859, 4

Learning Outcome
Understand why biophysical phenomena occur where they do.

GEOG 110 - Landscapes of Disaster: An Introduction to Natural Hazards

Course Information

Teaching Area (new)
GEOG

Course Number
110

Teaching Area
GEOG

Course Title
Landscapes of Disaster: An Introduction to Natural Hazards

Course Description
Exploring natural and social science of disturbances by analyzing causes, consequences, and role of human behavior in causing and mitigating natural disasters.

Department
Geography

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Dimensions of disasters

Tags
182754, 1

Learning Outcome
Define and categorize environmental hazards along several dimensions, and situate disasters within their physical and societal contexts

Title
Application of scientific principles and reasoning

Tags
182755, 2

Learning Outcome
Use scientific principles and reasoning to evaluate environmental hazards, investigate the causes and consequences of disasters, and suggest appropriate mitigation and disaster reduction strategies

Title
Interactions of Physical and Human Factors

Tags
182756, 3

Learning Outcome
Evaluate the physical, cultural, and socioeconomic factors influencing human vulnerability to disasters in a global context

GEOG 120 - Geography and World Affairs

Course Information

Teaching Area (new)
GEOG

Course Number
120

Teaching Area
GEOG

Course Title
Geography and World Affairs

Course Description
Survey of the world, stressing geography of major political regions.

Department
Geography

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
World knowledge

Tags
182771, 1

Learning Outcome
Identify where all the countries of the world are located and, more importantly, learn about these "countries and kingdoms" that you might "be prepared in all things" (Doctrine and Covenants 88:78-79).

Title
Interconnections

Tags
182772, 2

Learning Outcome
Better understand the interconnectedness of the world so we will appreciate those who contribute to making our life so abundant and easy and so we will be more willing to help those who have less.

Title
Stewardship

Tags
182773, 3

Learning Outcome
Become better stewards of the earth through an increased understanding of how human behavior impacts the environment and affects the lives of others.

Title
Basic knowledge

Tags
182776, 6

Learning Outcome
Develop an understanding of basic geographic terms.

Title
Travel

Tags
182777, 7

Learning Outcome
Learn to enjoy the journey by being a more observant, interested, adventuresome, and curious traveler.

Title
World development

Tags
182774, 0, 4

Learning Outcome
Understand what factors have led some regions of the world to be more developed than others.

Title
Current affairs

Tags
182775, 0, 5

Learning Outcome
Gain enough familiarity with the world to be a more informed reader of the daily news.

GEOG 130 - Introduction to Human Geography

Course Information

Teaching Area (new)
GEOG

Course Number
130

Teaching Area
GEOG

Course Title
Introduction to Human Geography

Course Description
Culture distributions and their relationship to existing geographic phenomena.

Department
Geography

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Critical Learning

Tags
182906, 0, 2

Learning Outcome
Evaluate sources of information (reading materials, statistics, maps, artificial intelligence tools, etc.) to discern facts, arguments, opinions, and error; and construct your own reasoned analyses of local, national, and worldwide geographic issues. BYU Aims: Intellectually Enlarging, Lifelong Learning.

Title
The Landscape of the Human Family

Tags
182907, 0, 3

Learning Outcome
Use the geographic perspective to appreciate, respect, and describe the wide diversity of God's children and their ways of life: their cultures, heritage, economies, politics, health, movements, and so on. BYU Aims: Spiritually Strengthening, Intellectually Englarging, Character Building

Title
Geographic Concepts and Tools

Tags
211147, 0, 1

Learning Outcome
Given a geographic issue or situation, apply core geographic concepts (distance, space, place, territoriality, region, scale, etc.) using the tools of geographers (statistics, maps, text, GIS, etc.) to better understand its complexity and develop potential solutions and actions, leading to a desire to use these skills to serve the human family. BYU Aims: Intellectually Enlarging, Lifelong Service

GEOG 210 - Introduction to Urban and Regional Planning

Course Information

Teaching Area (new)
GEOG

Course Number
210

Teaching Area
GEOG

Course Title
Introduction to Urban and Regional Planning

Course Description
Introduction to the profession and practice of urban and regional planning.

Department
Geography

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding the History and Theory of Urban Planning

Tags
182801, 3

Learning Outcome

Explain the creation, use, and knowledge of comprehensive and other types of plans. (PAB 4.2.2e)

Title
Understanding the History and Theory of Urban Planning

Tags
182802, 4

Learning Outcome

Explain the adoption, administration and implementation of plans and related policy including knowledge of the relevant regulations (zoning, review processes), incentives, techniques (public finance and capital budgeting) and technologies, and agencies conducting planning or employing planners. (PAB 4.2.2f)

Title
Understanding the History and Theory of Urban Planning

Tags
182803, 5

Learning Outcome

Demonstrate knowledge of the ways in which planners and planning practice have succeeded in altering the policies, institutions, and decisions that oppose the needs of disadvantaged persons. (PAB 4.2.2g)

Title
Understanding the History and Theory of Urban Planning

Tags
182804, 1

Learning Outcome

Explain the purpose and meaning of planning and its ethical, visionary, and normative imperatives. (PAB 4.2.2a)

Title
Understanding the History and Theory of Urban Planning

Tags
182805, 2

Learning Outcome

Explain the history of urban planning practice and the development of urban planning profession in the United States. (PAB 4.2.2b)

GEOG 211 - Mapping Your World

Course Information

Teaching Area (new)
GEOG

Course Number
211

Teaching Area
GEOG

Course Title
Mapping Your World

Course Description
Managing and portraying geospatial information to solve geographic tasks using maps (cartography), aerial and satellite imagery (remote sensing), location services (GPS), and quantitative methods.

Department
Geography

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Thematic maps

Tags
182669, 5

Learning Outcome

When presented with a typical specimen, perform a simple interpretation of a thematic map (e.g. Choropleth, Isoline)

Title
The Big Three

Tags
182723, 0

Learning Outcome
Identify each component of the "Big Three"◈ when using or observing geographic technologies. The Big Three includes 1) Geographic Information Systems, 2) Global Positioning Systems, and 3) Remote Sensing.

Title
Map Scale

Tags
182724, 1

Learning Outcome
Complete all typical map scale calculations related to land distance and area including unit conversions.

Title
Datum and Coordinate Systems

Tags
182725, 2

Learning Outcome
Give and take coordinate references in UTM and lat / long and convert between the two.
select a datum and coordinate system appropriate for a given job-related task. Explain the logic of and give / take a reference in the PLSS

Title
GPS

Tags
182726, 3

Learning Outcome
Configure a GPS receiver properly to use both with and without a map. Lay-in and follow the course in a GPS receiver.

Title
Topographic Maps

Tags
182727, 4

Learning Outcome
Measure elevation, distance, direction, slope, and aspect from digital or paper topographic maps.
Perform a simple statistical analysis of data on a USGS topographic map.

GEOG 212 - Introduction to Geographic Information Systems

Course Information

Teaching Area (new)
GEOG

Course Number
212

Teaching Area
GEOG

Course Title
Introduction to Geographic Information Systems

Course Description
Concepts in the use of small- and large-scale digital map data, emphasizing landscape interpretation and feature description.

Department
Geography

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
GIScience

Tags
182514, 3

Learning Outcome
Understand basic spatial concepts and data models that form the foundation of GIS.

Title
Data Management

Tags
182689, 1

Learning Outcome
Acquire geospatial data from common sources and manipuate them for a specific application.

Title
GIS Analysis

Tags
182693, 2

Learning Outcome
Analyze data using GIS to solve real world problems.

Title
GIS Applications

Tags
182703, 3

Learning Outcome
Describe several applications in which GIS is used to solve geographic problems.

Title
Cartography & Visualization

Tags
182709, 4

Learning Outcome
Design and use maps to explore and communicate geospatial information.

GEOG 217 - Programming for Geographers I

Course Information

Teaching Area (new)
GEOG

Course Number
217

Teaching Area
GEOG

Course Title
Programming for Geographers I

Course Description
An introduction to programming using appropriate modern programming languages for solving spatial problems

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Practical Experience

Tags
182816, 2

Learning Outcome
Develop tools to solve specific spatial problems through programming around software limitations.

Title
Spatial and Programming Thinking

Tags
182817, 3

Learning Outcome
Solve spatial problems with spatial programming thinking.

Title
Basic Principles

Learning Outcome
Explain the principles of popular GIS data models and algorithms, and the internal operations of GIS software

Title
Skills

Learning Outcome
Manipulate, analyze and interpret data, both spatial and other types, using fundamental programming skills

Title
Service

Learning Outcome
Serve others using GIS science related technologies and acquired skills

GEOG 222 - Statistics for Geographers 1

Course Information

Teaching Area (new)
GEOG

Course Number
222

Teaching Area
GEOG

Course Title
Statistics for Geographers 1

Course Description
Methodology of spatial analysis. Theory and techniques in geographic data description and population inference.

Department
Geography

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
LO1

Tags
182860, 1

Learning Outcome
Determine appropriate methods for identifying, collecting, and analyzing primary and secondary data and develop an understanding of the nature and limitations of data used in geographical analysis

Title
LO2

Tags
182861, 2

Learning Outcome
Explain basic descriptive and inferential statistical techniques (both spatial and aspatial) and identify what kind of methods would be appropriate for the solution of geographic questions/problems/issues

Title
LO3

Tags
182862, 3

Learning Outcome
Conduct moderately complex data analysis using appropriate computer software (e.g. SPSS, Excel, SpaceStat)

Title
LO4

Tags
182863, 4

Learning Outcome
Demonstrate the practice of statistical thinking by taking a real-life problem and a potential statistical procedure, describe whether the procedure can be safely applied, accurately describe the implications of statistical outcomes on the practical problem at-hand (i.e. inference → practical conclusion), and cast judgment in short reports citing appropriate statistical components reflecting an engagement in self-learning and critical contemplation.

GEOG 245 - Geography of Utah

Course Information

Teaching Area (new)
GEOG

Course Number
245

Teaching Area
GEOG

Course Title
Geography of Utah

Course Description
Exploring geography of Utah. Topics include land forms, climate, agricultural and recreational economics, historical migration, Mormon cultural landscape, ethnic patterns, and rural-urban contrasts.

Department
Geography

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 101,120, 130

Learning Outcomes

Title
Fundamental Principles of the Physical Environment

Tags
182864, 1

Learning Outcome
Understand the fundamental principles of the physical environment, the ongoing changes therein, and the interactions between the physical environment and human activity

Title
Understanding of current world societies

Tags
182865, 2

Learning Outcome
Explain the development and current activities of human societies at world, national and local scales

Title
Practical and theoretical issues in Geography

Tags
182866, 3

Learning Outcome
Study practical and theoretical issues in geography, using a variety of methods such as quantitative and qualitative analysis, documentary research, map analysis, geospatial technologies, and written communication

Title
Evaluate and Recommend Solutions

Tags
182867, 4

Learning Outcome
Evaluate the core human and environmental processes which create the context for global issues.
Recommend viable solutions to current world problems.

GEOG 250 - United States and Canada

Course Information

Teaching Area (new)
GEOG

Course Number
250

Teaching Area
GEOG

Course Title
United States and Canada

Course Description
Analysis of the natural environment, historical development, cultural patterns, economic systems, and political structures of geographic regions.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Learning Outcome #1

Tags
182806, 1

Learning Outcome
Become familiar with the physical, cultural, and economic geography of the United States and Canada.

Title
Learning Outcome #2

Tags
182807, 2

Learning Outcome
Recognize and understand the unique aspects of the North American landscape.

Title
Learning Outcome #3

Tags
182808, 3

Learning Outcome
Appreciate the cultural complexities of the United States and Canada.

Title
Learning Outcome #4

Tags
182809, 4

Learning Outcome
Be informed about current events happening within the regions under study.

GEOG 255 - Middle and South America

Course Information

Teaching Area (new)
GEOG

Course Number
255

Teaching Area
GEOG

Course Title
Middle and South America

Course Description
Environmental, cultural, economic, and political parameters of Latin American societies.

Department
Geography

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Informed Awareness of Latin American Geography

Tags
207933, 7

Learning Outcome
To articulate an informed awareness of Middle and South America with its interplay of cultures, languages, and/or nations at an international level for both its physical and cultural components.

Physical Geography To describe the underlying physical "stage" of Latin America in relation to the distributions of people and their activities.
Cultural Geography To delineate the geographic structure of Latin America's cultural components including languages, ethnic groups, settlement patterns, and religious beliefs.

Title
Collaboration

Tags
207934, 4

Learning Outcome
To incorporate others' input to effectively enhance Latin American geographic understanding.

Title
Writing

Tags
207997, 3

Learning Outcome
To produce geographic writing and exhibit research skills that result in papers that are fluent, relevant, and creative.

Title
Latin American Impact

Tags
207998, 2

Learning Outcome
To explain the significance of Latin America's increasing impact on the world's economy, as well as the growing Hispanization of the United States and the Church of Jesus Christ of Latter-day Saints.

Title
Thoughtful Reflection

Tags
207999, 6

Learning Outcome
To translate the gained awareness of Latin America into valid cross-cultural comparisons and nuanced understanding that can be shared with others.

Title
Empathy

Tags
208000, 5

Learning Outcome
To exhibit greater empathy and charity, and show a global perspective that incorporates others' points of view.

GEOG 260 - Europe

Course Information

Teaching Area (new)
GEOG

Course Number
260

Teaching Area
GEOG

Course Title
Europe

Course Description
Systematic approach to physical base, social and political problems, economic issues, and regional summary.

Department
Geography

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Collaboration

Tags
182713, 1

Learning Outcome
To incorporate other students' input to effectively enhance European geographic understanding.

Title
Physical Geography

Tags
182699, 0, 5

Learning Outcome
To demonstrate the connection of the underlying physical "stage" of Europe to the distributions of people and their activities. This includes knowing the locations and distributions of climates, mountains, rivers, and natural barriers of the region.

Title
Cultural Geography

Tags
212255, 0, 7

Learning Outcome
To describe the regional geographic structure of Europe's cultural components including languages, rural and urban landscapes, demographics, ethnic groups, and religions.

Title
Geographic Interconnections

Tags
182696, 0, 0

Learning Outcome
To explicate and define the important historical and contemporary geographic linkages in Europe including political restructuring, settlement geography, and major economic patterns (e.g., agriculture, manufacturing, tourism, and transportation).

Title
Writing

Tags
182533, 0, 1

Learning Outcome
To write geographic research on Europe that is fluent, relevant, and creative.

Title
Thoughtful Reflection

Tags
182718, 0, 6

Learning Outcome
To translate the gained awareness of Europe into valid cross-cultural comparisons and nuanced understanding that can be shared with others.

GEOG 265 - Russia and the Former Soviet Union

Course Information

Teaching Area (new)
GEOG

Course Number
265

Teaching Area
GEOG

Course Title
Russia and the Former Soviet Union

Course Description
Physical features, resources, political issues, economy and industries, population concerns, and role in world affairs.

Department
Geography

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Collaboration

Tags
182527, 1

Learning Outcome
To incorporate other students' input to effectively enhance regional geographic understanding.

Title
Geographic Interconnections

Tags
182528, 2

Learning Outcome
To explicate and define the important historical and contemporary geographic linkages in Russia and vicinity countries including political conflict, settlement geography, and major economic patterns (e.g., agriculture, manufacturing, tourism, and transportation).

Title
Cultural Geography

Tags
182672, 5

Learning Outcome
To describe the regional geographic structure of the region's cultural components including languages, rural and urban landscapes, demographics, ethnic groups, and religions.

Title
Thoughtful Reflection

Tags
182673, 0

Learning Outcome
To translate the gained awareness of Russia and the former Soviet Union into valid cross-cultural comparisons and nuanced understanding that can be shared with others.

Title
Geographic Themes

Tags
182682, 6

Learning Outcome
To write geographic research that is fluent, relevant, and creative.

Title
Physical Geography

Tags
182712, 1

Learning Outcome
To demonstrate the connection of the underlying physical "stage" of Russia and nearby countries to the distributions of people and their activities. This includes knowing the locations and distributions of climates, mountains, rivers, and natural barriers of the region.

Title
Writing

Tags
182716, 4

Learning Outcome
To write geographic research on Russia and the former Soviet Union that is fluent, relevant, and creative.

GEOG 271 - Middle East

Course Information

Teaching Area (new)
GEOG

Course Number
271

Teaching Area
GEOG

Course Title
Middle East

Course Description
Physical and cultural geography of Southwest Asia and North Africa, emphasizing the cultural mosaic, geopolitics, environment, and resources of the region.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographic Literacy

Tags
182818, 1

Learning Outcome
Identify where all of the countries, important cities and regions of the Middle East are located along with significant physical features like mountains, rivers and seas.

Title
Geographic Linkages

Tags
182819, 2

Learning Outcome
Understand the linkages between geography (territory, location, climate, resources etc) and human activity

Title
Peaceful Partitioning

Tags
182820, 3

Learning Outcome
Apply geographic principles to better understand and perhaps modify the territorial divisions of the Middle East region.

Title
Conflict Resolution

Tags
182821, 4

Learning Outcome
Use written communication to describe, evaluate and resolve resource and territorial disputes between states and nations.

Title
Global Awareness

Tags
182822, 5

Learning Outcome
Develop a greater appreciation and understanding for the peoples and cultures of the region.

GEOG 272 - East Asia

Course Information

Teaching Area (new)
GEOG

Course Number
272

Teaching Area
GEOG

Course Title
East Asia

Course Description
Region of monsoon Asia and its basic human (demographics, nations and ethnic groups, settlement patterns, religious beliefs, transportation and communication systems, political structures), and physical geographic characteristics (land forms, physiography, climatic characteristics, and natural resources).

Department
Geography

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcome #2

Tags
182878, 2

Learning Outcome
Gain an understanding of the natural geographic base of East Asia. This includes physiography, climates, natural resources, and natural hazards.

Title
Learning Outcome #1

Tags
182879, 1

Learning Outcome
Gain an understanding of the geographic foundation of the East Asia region (China, Japan, South Korea, North Korea, and Taiwan) including demographics, social issues, settlement patterns, cultural attributes, agriculture systems, economics, and politics.

Title
Learning Outcome #3

Tags
182886, 3

Learning Outcome
Learn the locations of countries, major cities, and physical features (e.g. rivers, mountains ranges, seas) of East Asia.

Title
Learning Outcome #4

Tags
182887, 4

Learning Outcome
Obtain a framework of geographical concepts and approaches useful in analyzing events in East Asia and other parts of the world

GEOG 273 - Southeast Asia

Course Information

Teaching Area (new)
GEOG

Course Number
273

Teaching Area
GEOG

Course Title
Southeast Asia

Course Description
Fundamental issues of geography relating to Southeast Asia, including the extraction and marketing of natural resources, economic development, neighborly relations, and how diffusion has influenced the unique cultural, religious, and linguistic characteristics of the region.

Department
Geography

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographic Foundations

Tags
182873, 1

Learning Outcome
Outline the geographic foundation of the Southeast Asia region including demographics, social issues, settlement patterns, cultural attributes, agriculture systems, economics, and politics.

Title
Physical Geography

Tags
182874, 2

Learning Outcome
Describe the natural geographic base of Southeast Asia. This includes physiography, climates, natural resources, and natural hazards.

Title
Spatial Organization

Tags
182875, 3

Learning Outcome
Point out the locations of countries, major cities, and physical features (e.g. rivers, mountains ranges, seas) of Southeast Asia.

Title
Current Events

Tags
182876, 4

Learning Outcome
Employ various geographical concepts and approaches to analyze events in Southeast Asia and other parts of the world.

GEOG 280 - The Pacific Islands

Course Information

Teaching Area (new)
GEOG

Course Number
280

Teaching Area
GEOG

Course Title
The Pacific Islands

Course Description
An examination of the physical, ecological and human environments of the Pacific islands, including the impacts of colonialism, warfare and military weapons testing, poverty, tourism, and environmental change in the region.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GEOG 285 - Africa South of the Sahara

Course Information

Teaching Area (new)
GEOG

Course Number
285

Teaching Area
GEOG

Course Title
Africa South of the Sahara

Course Description
Geographical analysis focusing on resource management, political issues, development, environmental problems, economic development, and urban-rural change; case studies from selected countries.

Department
Geography

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Outcome 1

Tags
182823, 1

Learning Outcome
At the end of the course the student should be able to apply to the realm and sub-regions of Africa a variety of geographic terms, concepts, and ideas.

Title
Outcome 2

Tags
182824, 2

Learning Outcome
At the end of the course the student should be able to identify and analyze key global human and biophysical patterns and how Africa fits into, and is impacted by, these patterns.

Title
Outcome 3

Tags
182825, 3

Learning Outcome
At the end of the course the student should be able to read and discuss Africa's current events with greater insight resulting from enhanced familiarity with the realm's human and biophysical geography.

GEOG 303 - Biogeography

Course Information

Teaching Area (new)
GEOG

Course Number
303

Teaching Area
GEOG

Course Title
Biogeography

Course Description
Broad-scale distribution of plants and animals. Theoretical and practical applications to conservation and effects of global environmental change.

Department
Geography

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 101

Learning Outcomes

Title
Patterns of distribution

Tags
182675, 1

Learning Outcome
Recognize and be able to explain patterns of plant and animal life at many different scales

Title
Basic concepts

Tags
182681, 0

Learning Outcome
Demonstrate an understanding of basic concepts and processes in biogeography

Title
Human impacts

Tags
182685, 2

Learning Outcome
Explain how humans have affected the distribution and diversity of plants and animals, and apply concepts to decisions regarding human use of the environment

Title
Future changes

Tags
182698, 4

Learning Outcome
Plan for future changes in species distributions and diversity as a result of environmental and human-induced pressures

Title
Current research themes

Tags
182714, 3

Learning Outcome
Demonstrate a knowledge of prominent professional biogeographers and ecologists and their current research themes

GEOG 304 - Climate and Society

Course Information

Teaching Area (new)
GEOG

Course Number
304

Teaching Area
GEOG

Course Title
Climate and Society

Course Description
Temporal and spatial examination of the distribution, condition, and forecasting of different climatic characteristics across Earth. Effects of climate on society in the past, present and future, with a particular focus on the world's most vulnerable populations.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 101

Learning Outcomes

Title
Spatial Thinking

Tags
182668, 2

Learning Outcome
Explain and apply the processes responsible for producing spatial and temporal variation in the Earth's climates

Title
Skills

Tags
182687, 4

Learning Outcome
Access and analyze climate data, and evaluate the methods used to reconstruct past, and forecast future climatic conditions

Title
Practical Experience

Tags
182691, 3

Learning Outcome
Make informed decisions about human activities affecting atmospheric processes

Title
Service

Tags
182700, 0

Learning Outcome
Explain the connection between climate and extreme weather events that impact vulnerable populations

GEOG 305 - Geography of Landforms

Course Information

Teaching Area (new)
GEOG

Course Number
305

Teaching Area
GEOG

Course Title
Geography of Landforms

Course Description
Elements of landforms: distributions and cultural significance.

Department
Geography

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 101

Learning Outcomes

Title
Physical Landscape

Tags
182674, 2

Learning Outcome
Examine a physical landscape and describe why it looks the way it does.

Title
Human Impact

Tags
182686, 3

Learning Outcome
Describe how human settlement and recreation patterns are influenced by landforms.

Title
Landforms

Tags
182688, 1

Learning Outcome
Explain the physical processes that produce landforms.

Title
Dating Techniques

Tags
182701, 4

Learning Outcome
Understand dating techniques geomorphologists use to understand earth's history.

Title
History of Geomorphology

Tags
182702, 0

Learning Outcome
Examine the history of landform study and the key individuals in the history of geomorphology.

GEOG 306 - Public Lands: Planning & Management

Course Information

Teaching Area (new)
GEOG

Course Number
306

Teaching Area
GEOG

Course Title
Public Lands: Planning & Management

Course Description
Environmental and social geography of global protective land use designations: National Parks, Wilderness, Conservation areas, etc. Experience in building stakeholder collaborations to develop management plans.

Department
Geography

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Public Land Policy

Tags
182827, 0, 2

Learning Outcome
Explain the historical development of public land policy, especially the laws governing lands owned by the United States government, and how they interface with modern uses and issues.

Title
Mapping public lands

Tags
182826, 0, 1

Learning Outcome
Describe the geography of public land in a country, including its geographic distribution, history, and underlying principles.

Title
Global conservation

Tags
182828, 0, 3

Learning Outcome
Outline why and how protective designations have expanded globally, especially during the past fifty years.

Title
Stakeholders

Tags
182829, 0, 4

Learning Outcome
Value the wide variety of interests in public land management, including the ideology, issues, and institutional efforts of various stakeholders.

Title
Making Management Decisions

Tags
182830, 0, 5

Learning Outcome
Develop public land management decisions by bringing together stakeholders and resolving conflicts.

GEOG 307 - Spatial Analysis of Environmental Data

Course Information

Teaching Area (new)
GEOG

Course Number
307

Teaching Area
GEOG

Course Title
Spatial Analysis of Environmental Data

Course Description
Introduction to a suite of quantitative spatial and spatio-temporal analysis tools, including landscape metric and fractal analysis, trend surface analysis, cluster analysis, analysis of scales of variation, geostatistics, point-to-point regression, and wavelet analysis.

Department
Geography

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 101 and 212

Learning Outcomes

Title
Research communication

Tags
182676, 4

Learning Outcome
Identify and address a research question in environmental spatial analysis, and effectively communicate results orally and in writing.

Title
Literature

Tags
182679, 2

Learning Outcome
Critique current literature in spatial analysis of the environment.

Title
Pattern and process

Tags
182704, 1

Learning Outcome
Describe the effects of scale on traditional environmental questions and issues.

Title
Spatial analysis approaches

Tags
182705, 0

Learning Outcome
Employ appropriate spatial analysis methods when approaching environmental geography problems.

Title
Environmental Application

Tags
182715, 5

Learning Outcome
Integrate spatial analysis concepts with conservation methods and current broad-scale environmental issues.

GEOG 311 - Intermediate Geographic Information Systems

Course Information

Teaching Area (new)
GEOG

Course Number
311

Teaching Area
GEOG

Course Title
Intermediate Geographic Information Systems

Course Description
Collecting, managing, and analyzing spatial data to solve common geographic tasks.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 212 - Introduction to Geographic Information Systems

Learning Outcomes

Title
Lifelong Learning

Tags
182692, 4

Learning Outcome
Learn new concepts and technologies as needed to solve novel GIS management problems, with minimal supervision, using a variety of information resources.

Title
Geographic Information Theory

Tags
182722, 0

Learning Outcome
Understand the fundamental concepts of geographic information, and use those concepts to explain the core data models and procedures of GIS.

Title
Spatial Analysis

Tags
182904, 3

Learning Outcome
Perform common and novel GIS analysis procedures to solve practical geographic tasks.

Title
Data Management

Tags
182903, 0, 2

Learning Outcome
Obtain existing GIS data and create new data that are appropriate for a given need, and transform data sets to make them appropriate for a given project, using tools such as format conversion, reprojection, data entry and editing, and reclassification.

GEOG 312 - Cartographic Design

Course Information

Teaching Area (new)
GEOG

Course Number
312

Teaching Area
GEOG

Course Title
Cartographic Design

Course Description
Graphic perception, layout, typography, color, statistical methods, and symbolization of thematic maps through computer-aided techniques.

Department
Geography

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 211 - Mapping Your World
  AND GEOG 212 - Introduction to Geographic Information Systems

Learning Outcomes

Title
Map planning

Tags
182912, 1

Learning Outcome
Develop a map-based solution for a given purpose and audience by planning an appropriate medium, scale, data layers, map type, and gestalt.

Title
Data Management

Tags
182913, 1

Learning Outcome
Gather and process the data needed for a map, such that it is appropriate in terms of detail, currency, relevance, and quality.

Title
Design techniques

Tags
182914, 3

Learning Outcome
Design maps that are clear, useful, and attractive, employing appropriate techniques such as thematic map types, composition, symbology, color, and text.

Title
Learning from Critique

Tags
182915, 4

Learning Outcome
Improve design skills through map critique, carefully evaluating the work of yourself and others to learn new techniques, best practices, and pitfalls to avoid.

Title
Quality Design

Tags
182916, 5

Learning Outcome
Expect top-quality work from yourself and put forth the effort necessary to produce this.

Title
Cartographic Knowledge

Tags
182917, 6

Learning Outcome
Explain the theoretical principles that form the basis of a given cartographic design technique, and practical guidelines for implementing it.

GEOG 313 - Remote Sensing 1

Course Information

Teaching Area (new)
GEOG

Course Number
313

Teaching Area
GEOG

Course Title
Remote Sensing 1

Course Description
Introduction to airborne and spaceborne sensors, including characteristics and image acquisition. Emphasizes land cover mapping applications appropriate for environment monitoring.

Department
Geography

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic remote sensing concepts

Tags
182764, 1

Learning Outcome
Clearly communicate basic remote sensing concepts and applications.

Title
Electromagnetic spectrum

Tags
182765, 4

Learning Outcome
Outline the general characteristics of the electromagnetic spectrum and electromagnetic energy.

Title
Image interpretation

Tags
182766, 5

Learning Outcome
Demonstrate basic image interpretation skills.

Title
Remote sensing data and techniques

Tags
182767, 2

Learning Outcome
Describe remotely sensed data characteristics and methods of data acquisition, storage, and manipulation.

Title
Remote sensing in geography and other geosciences

Tags
182768, 3

Learning Outcome
Evaluate the role of remote sensing in geography and its relation to other geosciences.

GEOG 317 - Programming for Geographers II

Course Information

Teaching Area (new)
GEOG

Course Number
317

Teaching Area
GEOG

Course Title
Programming for Geographers II

Course Description
Automating spatial databases, analytical algorithms, and web-based visualization.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 217 - Programming for Geographers I

Learning Outcomes

Title
Data structures and algorithms

Tags
182517, 1

Learning Outcome
Students will be able to express simple data structures and algorithms in computer code. These data structures and algorithms will be illustrative of either raster or vector GIS.

Title
Object oriented methods

Tags
182518, 2

Learning Outcome
When given a simple geographic problem specification, students will be able to create computer methods and classes that address the problem or meet the specification.

Title
Problem solving

Tags
182519, 3

Learning Outcome
When presented with a problem amenable to the application of geographic computer programming (intermediate level difficulty), students will be able to design and implement a software system including computer program(s) to solve the problem.

GEOG 322 - Statistics for Geographers 2.

Course Information

Teaching Area (new)
GEOG

Course Number
322

Teaching Area
GEOG

Course Title
Statistics for Geographers 2.

Course Description
Advanced techniques in geospatial analysis.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 222 - Statistics for Geographers 1

Learning Outcomes

Title
Statistical Competence

Tags
182520, 1

Learning Outcome
To master an advanced set of quantitative methods that are particularly appropriate for geographers, becoming especially skilled in one statistical area.

Title
Determination

Tags
182521, 2

Learning Outcome
To determine what quantitative methods are appropriate for answering different research questions.

Title
Application

Tags
182522, 3

Learning Outcome
To apply statistical analysis to geographic problems in a competent and worthwhile way

Title
Research

Tags
182523, 4

Learning Outcome
To develop and carry out an excellent research project complete with collaborative work and a crisp oral and professional visual presentation.

Title
Knowledge

Tags
182711, 4

Learning Outcome

To understand and appreciate published academic geographic research that uses a variety of quantitative methods.

GEOG 331 - Economic Geography

Course Information

Teaching Area (new)
GEOG

Course Number
331

Teaching Area
GEOG

Course Title
Economic Geography

Course Description
Introduction to economic processes and spatial patterns, emphasizing theoretical approaches, locational strategies, and changing economic land-use patterns.

Department
Geography

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geog 100 or instructor's consent

Learning Outcomes

Title
Conceptualizing EconGeog

Tags
182831, 1

Learning Outcome
Identify and discuss the basic concepts and theoretical frameworks in Economic Geography

Title
Patterns and Trends

Tags
182832, 2

Learning Outcome
Recognize and explain spatial patterns and trends of economic activities

Title
Data and Methods

Tags
182833, 3

Learning Outcome
Data: Locate, acquire, clean-up and use secondary economic data
Methods: Use various geographic tools of analysis to understand and visualize geographic trends and patters

Title
Spatial Reasoning

Tags
182834, 4

Learning Outcome
Use spatial quantitative reasoning to identify (and possible suggest viable solutions to) global problems/issues

GEOG 336 - Urban Geography

Course Information

Teaching Area (new)
GEOG

Course Number
336

Teaching Area
GEOG

Course Title
Urban Geography

Course Description
History and theory of urban development, including why cities exist and how cities function.

Department
Geography

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Human Settlement as it Relates to Planning

Tags
182757, 1

Learning Outcome
Demonstrate knowledge of the social sciences (history, economics, sociology, political science, anthropology, psychology, and geography) as they relate to human settlements including knowledge of the social and spatial structure of urban and regional systems, local public finance, economics of development, infrastructure provision, and effects of globalization.

GEOG 341 - Political Geography

Course Information

Teaching Area (new)
GEOG

Course Number
341

Teaching Area
GEOG

Course Title
Political Geography

Course Description
Spatial analysis of global politics; focus on geopolitics, territory and conflict, nationalism, and the politics of resources.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographic Literacy

Tags
182835, 1

Learning Outcome
Identify where all of the countries of the earth are located along with other important political entities, cities and capitals

Title
Global Awareness

Tags
182836, 2

Learning Outcome
Become an informed reader of a daily international newspaper

Title
Geographic and Political Linkages

Tags
182837, 3

Learning Outcome
Understand the linkages between geography (territory, location, resources etc) and political actions and processes.

Title
Nationalism

Tags
182838, 4

Learning Outcome
Define and assess the relative importance of forces of conflict and cooperation among peoples, societies and states as they influence the division and control of the Earth's surface

Title
Establish World Peace

Tags
182839, 5

Learning Outcome
Use written and oral communication to describe, evaluate and resolve territorial disputes between states and nations (people/minority groups).

GEOG 346 - Population Geography

Course Information

Teaching Area (new)
GEOG

Course Number
346

Teaching Area
GEOG

Course Title
Population Geography

Course Description
Spatial perspective on wide field of population studies, focusing on distribution, development, structure, and movement of populations, emphasizing basic demographic measures.

Department
Geography

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geog 100 or instructor's consent

Learning Outcomes

Title
Conceptualize

Tags
182840, 1

Learning Outcome
Distinguish and critically evaluate basic concepts and ideas in population geography

Title
Demographic Data

Tags
182841, 2

Learning Outcome
Obtain, evaluate, and use demographic data

Title
Methods

Tags
182842, 3

Learning Outcome
Learn about and use various demographic methods

Title
Analyze

Tags
182843, 4

Learning Outcome
Analyze demographic data in order to answer important geographic questions

Title
Context

Tags
182844, 5

Learning Outcome
Situate your own life within the context of larger demographic patterns and trends

GEOG 347 - Geography of Tourism

Course Information

Teaching Area (new)
GEOG

Course Number
347

Teaching Area
GEOG

Course Title
Geography of Tourism

Course Description
Introduction to tourism as a field of study and the four elements of tourism: dynamic, service, functional, and consequential.

Department
Geography

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geography and Tourism

Tags
182791, 1

Learning Outcome
Explain how geographers approach the study of travel and tourism using basic geographic concepts (e.g. location, place, diffusion, etc.)

Title
Tourism Issues

Tags
182792, 2

Learning Outcome
Analyze several geographical issues related to the theory and practice of tourism in various areas.

Title
Tourism Benchmarks

Tags
182793, 3

Learning Outcome
Identify and explain the historical "tourism benchmarks" that influenced the geography and nature of travel and tourism.

GEOG 348 - International Perspectives on Tourism

Course Information

Teaching Area (new)
GEOG

Course Number
348

Teaching Area
GEOG

Course Title
International Perspectives on Tourism

Course Description
Patterns in international and domestic tourism; interrelationship between geography and tourism in understanding tourism patterns and their impact.

Department
Geography

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Global travel patterns

Tags
182810, 1

Learning Outcome
Explain global travel patterns using a conceptual framework.

Title
Travel outcomes

Tags
182812, 3

Learning Outcome
Outline the reasons why some people travel and others do not.

Title
Geography and tourism

Tags
182813, 4

Learning Outcome
Describe the interrelationships between geography and tourism within domestic and international contexts..

Title
Tourism impacts

Tags
182814, 5

Learning Outcome
Summarize the impact of tourism on various regions / areas of the world.

GEOG 349 - Global Adventure Travel

Course Information

Teaching Area (new)
GEOG

Course Number
349

Teaching Area
GEOG

Course Title
Global Adventure Travel

Course Description
Historical and emerging trends in global adventure travel and tourism. Detailed case studies selected from across world regions.

Department
Geography

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
LO1

Tags
182845, 1

Learning Outcome
Following this course the student should be able to discuss the spatial and historical origins of adventure travel including connections early geographical exploration.

Title
LO2

Tags
182846, 2

Learning Outcome
Following this course the student should be able to discuss and outline current geographic patterns in adventure travel--where, when, by whom, and why?

Title
LO3

Tags
182847, 3

Learning Outcome
Following this course the student should be able to apply core geographic principles to case studies involving the evolution of adventure travel in specific places.

Title
LO4

Tags
182848, 4

Learning Outcome
Following this course the student should be able to give specific examples of the impacts on places that have undergone transformations resulting from their emergence as popular adventure travel destinations.

GEOG 350 - Sustainable Tourism Planning & Development

Course Information

Teaching Area (new)
GEOG

Course Number
350

Teaching Area
GEOG

Course Title
Sustainable Tourism Planning & Development

Course Description
Applying regional development and planning concepts, principles, and approaches to tourism destinations to enhance sustainable economic, ecological, and social development.

Department
Geography

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 347

Learning Outcomes

Title
Tourism planning concepts

Tags
182784, 1

Learning Outcome
Define and explain key concepts and issues concerning tourism planning and tourism public policy.

Title
Tourism development approaches

Tags
182785, 2

Learning Outcome
Critically evaluate several important tourism devlopment approaches and models.

Title
Tourism demand and supply and sustainability

Tags
182786, 3

Learning Outcome
Identify key elements of demand and supply in tourism planning within a sustainable tourism context.

Title
Tourism stakeholders and policy

Tags
182787, 4

Learning Outcome
Identify key stakeholders involved in tourism planning and policymaking.

Title
Tourism and society

Tags
182788, 5

Learning Outcome
Critically analyze the economic, environmental, social, and political aspects of tourism planning that promote long-term sustainable development.

Title
Tourism planning and development

Tags
182789, 6

Learning Outcome
Assess government and industry roles and responsibilities in tourism planning and policymaking that can be targeted to benefit local development opportunities.

GEOG 353 - Heritage and Cultural Tourism

Course Information

Teaching Area (new)
GEOG

Course Number
353

Teaching Area
GEOG

Course Title
Heritage and Cultural Tourism

Course Description
Heritage and culture (places, people, relics, and traditions) as tourism resources examined within the context of supply and demand, conservation, interpretation, management, planning, and politics.

Department
Geography

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 120, 130, 347, 348

Learning Outcomes

Title
Learning Outcome #2

Tags
182797, 2

Learning Outcome
Explain why heritage attractions exist using geographic principles and concepts, including the factors of supply, demand and the reasons for conservation. Identify the various reasons why heritage sites are created and what this tells us about society.

Title
Learning Outcome #1

Tags
182796, 0, 1

Learning Outcome
Identify the concepts, theories, and approaches geographers use in the study of heritage and cultural tourism. Explain the role geography plays in this sub-discipline.

GEOG 399R - Academic Internship

Course Information

Teaching Area (new)
GEOG

Course Number
399R

Teaching Area
GEOG

Course Title
Academic Internship

Course Description
On-the-job experience.

Department
Geography

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 100 - The Geographic Approach

Note
3 hours required. No more than 3 hours total in cooperative education may be counted in major. An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
182684, 0

GEOG 410 - Urban Planning Methods

Course Information

Teaching Area (new)
GEOG

Course Number
410

Teaching Area
GEOG

Course Title
Urban Planning Methods

Course Description
Applications of methods and techniques commonly used in the urban planning process, emphasizing data collection and analysis, fieldwork, and writing skills.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 310

Learning Outcomes

Title
Understanding the History and Theory of Urban Planning

Tags
182889, 1

Learning Outcome
Demonstrate planning methods that anticipate and envision future changes to society and the built environment, such as knowledge of forecasts, risk assessment, futures scenarios and other tools for creating plan alternatives. (PAB 4.2.2d)

Title
Possess the Skills Needed to Practice Planning

Tags
182890, 0, 2

Learning Outcome
Use numerical reasoning and computation skills to conduct quantitative analysis of social and geographic information for basic professional planning purposes, problems and projects. (PAB 4.2.3d.)

Title
Planning and Forecasting Methods

Tags
210656, 0, 3

Learning Outcome
Use forecasts and scenarios to anticipate and describe future changes in society and the built environment. (PAB 4.2.3g)

GEOG 411 - Issues in Computer Cartography

Course Information

Teaching Area (new)
GEOG

Course Number
411

Teaching Area
GEOG

Course Title
Issues in Computer Cartography

Course Description
Current techniques for compilation, integration, and display of digital map data.

Department
Geography

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 312 - Cartographic Design

Learning Outcomes

Title
Application Development

Tags
182900, 3

Learning Outcome
Use programming to develop a geospatial application that integrates GIS, Remote Sensing, and Cartography.

Title
Web Map Design

Tags
182901, 2

Learning Outcome
Design effective maps and interactive web interfaces to serve a particular audience and purpose.

Title
Lifelong Learning

Tags
182902, 4

Learning Outcome
Learn new skills, technologies, and techniques on your own, using a variety of learning resources.

Title
Data collection

Tags
210591, 0, 1

Learning Outcome
Prepare high qualiry data needed for a cartographic project, including existing sources and new data.

GEOG 412 - Advanced Geographic Information Systems

Course Information

Teaching Area (new)
GEOG

Course Number
412

Teaching Area
GEOG

Course Title
Advanced Geographic Information Systems

Course Description
Performing geographic tasks in resource management decision support and scientific research using spatial data management and analysis tools and techniques.

Department
Geography

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 212 - Introduction to Geographic Information Systems **AND** GEOG 311 - Intermediate Geographic Information Systems

Recommended
Geog 222

Learning Outcomes

Title
Continued Learning

Tags
182736, 3

Learning Outcome
Independently learn and implement new tools and procedures.

Title
Geographic Data Management

Tags
182737, 1

Learning Outcome
Obtain or create geographic data that is appropriate for a particular GIS need, and manage that data using technologies that are appropriate for that need.

Title
Analysis Procedures

Tags
182918, 2

Learning Outcome
Evaluate a geographic task (whether scientific or managerial), and develop and implement an analysis procedures to solve it.

Title
GIScience

Tags
182919, 4

Learning Outcome
Explain how the theoretical concepts of geography and geographic information form the basis of a geospatial dataset or spatial analytical procedure, and the problematic issues that may be inherent in them.

Title
Professional Habits

Tags
182920, 5

GEOG 413 - Remote Sensing 2

Course Information

Teaching Area (new)
GEOG

Course Number
413

Teaching Area
GEOG

Course Title
Remote Sensing 2

Course Description
Computer processing of low-altitude and satellite images for geographic analysis of physical and cultural phenomena on earth.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 313 - Remote Sensing 1

Learning Outcomes

Title
Data Pre-processing

Tags
182717, 0, 0

Learning Outcome
Understand and implement remote sensing pre-processing techniques.

Title
Image Classification

Tags
182690, 0, 1

Learning Outcome
Perform image classification and evaluate classification accuracy.

Title
Change Detection

Tags
182683, 0, 2

Learning Outcome
Understand and perform change detection.

Title
Problem Solving

Tags
182670, 0, 3

Learning Outcome
Complete an entire remote sensing project from beginning to end.

GEOG 414 - Low Altitude, Large-Scale Image Acquisition and Processing

Course Information

Teaching Area (new)
GEOG

Course Number
414

Teaching Area
GEOG

Course Title
Low Altitude, Large-Scale Image Acquisition and Processing

Course Description
Small Unmanned Aerial Systems (sUAS) provide high-quality aerial imagery. Emphasizes flight planning, acquisition, and processing of sUAS data to study a variety of complex natural and human systems. Prepare and sit for FAA commercial sUAS license exam.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 212, 213, 313

Learning Outcomes

Title
Complex urban environments

Tags
182897, 1

Learning Outcome
Understand the complexity and heterogeneity of the urban environment.

Title
Geospatial technologies

Tags
182898, 2

Learning Outcome
Use Geographic Information Systems and remote sensing to map the biotic and abiotic components of the urban environment.

Title
Model urban processes

Tags
182899, 3

Learning Outcome
Use geospatial technologies to map and model complex urban processes.

GEOG 415R - Geographic Field Methods

Course Information

Teaching Area (new)
GEOG

Course Number
415R

Teaching Area
GEOG

Course Title
Geographic Field Methods

Course Description
Learning different methods used by geographers in the field through hands-on involvement in real faculty research.

Department
Geography

When Taught
Spring Term Odd Years

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 101 - Global Environment: Understanding Physical Geography

Learning Outcomes

Title
Field Work and the Scientific Method

Tags
182752, 1

Learning Outcome
Practice the scientific method, including developing research questions, conceptual framework, research design, sample collection, and data analysis

Title
Communication skills

Tags
182753, 2

Learning Outcome
Communicate scientific research by developing a professional-quality poster and presentation

Title
Literature

Tags
182694, 3

Learning Outcome
Conduct a thorough review of scientific literature to establish a conceptual framework for your research question.

Title
FIeldwork

Tags
182695, 1

Learning Outcome
Develop an appropriate field research design and carry it out, including sampling of vegetation and environmental data

Title
Communication

Tags
182706, 4

Learning Outcome
Communicate your research results orally and in writing

Title
Analysis

Tags
182710, 2

Learning Outcome
Conduct laboratory and statistical analysis of data collected in the field

Title
Research question and hypotheses

Tags
182720, 0

Learning Outcome
Develop a specific research question with testable hypotheses

GEOG 421 - Urban Planning Law

Course Information

Teaching Area (new)
GEOG

Course Number
421

Teaching Area
GEOG

Course Title
Urban Planning Law

Course Description
The political and legal context within which urban planning takes place.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Recommended
Geog 310

Learning Outcomes

Title
Understanding Human Settlements

Tags
182891, 1

Learning Outcome
Demonstrate knowledge of constitutional rights and principles, state and local government law, administrative rules and regulations, especially those focusing on the use and taxation of land. (PAB 4.2.1d)

Title
Understanding the History and Theory of Urban Planning

Tags
182892, 2

Learning Outcome
Explain the laws and policies relating to environmental planning and the principles and scientific support for assessing the capacity of natural and built resources. (PAB 4.2.2h)

Title
Understand the different values and ethical standards affecting the practice of planning

Tags
182893, 3

Learning Outcome
Demonstrate ability to comprehend and discriminate among the goals that an individual, group, community and organization holds when considering the future including the values of justice, equity, fairness, efficiency, order and beauty. (PAB 4.2.4a)
Demonstrate ability to assess and choose among different forms of democratic decision making that support and improve the quality of plans and planning related activity including the values of fair representation, equal opportunity and non-discrimination. (PAB 4.2.4b)
Demonstrate ability to compare and respect the complex social, historical and ecological legacies that accompanies urban settlement across the globe including the values of social equity, cultural and historical preservation and environmental conservation and sustainability. (PAB 4.2.4c)

GEOG 422 - Principles of Urban Design

Course Information

Teaching Area (new)
GEOG

Course Number
422

Teaching Area
GEOG

Course Title
Principles of Urban Design

Course Description
Theories and principles of urban design emphasizing specific design criteria. Planning and design tools used within the U.S. by local government. Basic principles of architecture and landscape architecture. Field trips.

Department
Geography

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Geog 310

Learning Outcomes

Title
Understanding Human Settlements

Tags
182546, 1

Learning Outcome
Demonstrate knowledge of the design arts (architecture, landscape architecture, art, urban design) including knowledge about the relationship between the design of the built environment and its functional, aesthetic and social precedents and consequences.

Title
Possess the Skills Needed to Practice Planning

Tags
182680, 1

Learning Outcome
Use written, oral and graphic skills to compose clear, accurate and compelling text, images and maps in documents and oral presentations.

GEOG 423 - Planning for Unique and Sensitive Lands

Course Information

Teaching Area (new)
GEOG

Course Number
423

Teaching Area
GEOG

Course Title
Planning for Unique and Sensitive Lands

Course Description
Unique aspects of land affecting land-use planning positively or negatively depending on sensitivity of design. Landscape ecological principles introduced and examined for usefulness in land-use planning.

Department
Geography

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Geog 310

Learning Outcomes

Title
Understanding Human Settlements

Tags
182547, 1

Learning Outcome
Explain the environmental sciences (biology, ecology, environmental studies) including knowledge about ecological and physical systems in relation to human activity at different geographic scales.

Title
Possess the Skills Needed to Practice Planning

Tags
182894, 2

Learning Outcome
Use written, oral and graphic skills to compose clear, accurate and compelling text, images and maps in documents and oral presentations. (PAB 4.2.3c)

GEOG 424 - Urban Transportation Planning

Course Information

Teaching Area (new)
GEOG

Course Number
424

Teaching Area
GEOG

Course Title
Urban Transportation Planning

Course Description
Theories and principles of transportation planning emphasizing environmental, energy, economic, and social issues.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Geog 310, 410

Learning Outcomes

Title
Understanding Human Settlements

Tags
182895, 1

Learning Outcome
Demonstrate knowledge of the social sciences (history, economics, sociology, political science, anthropology, psychology, geography) as they relate to human settlements including knowledge of the social and spatial structure of urban and regional systems, local public finance, economics of development, infrastructure provision and effects of globalization. (PAB 4.2.1a)

Title
Understanding the History and Theory of Urban Planning

Tags
182896, 2

Learning Outcome
Demonstrate knowledge of the institutions that both shape and respond to plans and planning-related activities: including knowledge of the economic, social and political institutions that influence planning and that are susceptible to purposeful change. At a minimum this study should include institutions across scale (e.g. local to global) and sector (e.g. public, private and nonprofit). (PAB 4.2.2c)

GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.

Course Information

Teaching Area (new)
GEOG

Course Number
441

Teaching Area
GEOG

Course Title
Seminar in Geography and Geospatial Intelligence 1.

Course Description
Capstone seminar, part 1, for students in geospatial intelligence emphasis, emphasizing synthesis of material learned in major and application of knowledge and skills through research project.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
The intelligence community

Tags
182728, 5

Learning Outcome
Understand the intelligence community in the US, with special emphasis on deficiencies and the need to improve it in accordance with 9/11 commission recommendations. Understand the need for intelligence in a time of continuing symmetric and assymetric threats. Be able to list the qualities required in an intelligence officer. Describe the ethics of an intelligence officer.

Title
Components of intelligence

Tags
182729, 4

Learning Outcome
Describe the use of intelligence collection (e.g. SIGINT, HUMINT), as welll as structured methods of analyzing the collected data. These are critical thinking methods. Be able to write intelligence reports (dissemination) at an introductory level. To a large extent, this is competence in all areas traditionally called the intelligence cycle.

Title
National security

Tags
182730, 7

Learning Outcome
Be able to discuss the major national security threats of the US as well as the actors of those threats. This will be done both topically (e.g. WMD) as well as by discussing current events (e.g. IS in Iraq). Students will also be able to analyze threats to national security as well as compose threat assessments of professional quality (given limited open-source data).

Title
All-source intelligence.

Tags
182735, 6

Learning Outcome
Demonstrate the need for all-source Intelligence as well as how to gather it, analyze it, and disseminate it. Students will be able to write reports (of entry level quality) from deep-search all-source intellligence.

GEOG 442 - Seminar in Geography and Geospatial Intelligence 2

Course Information

Teaching Area (new)
GEOG

Course Number
442

Teaching Area
GEOG

Course Title
Seminar in Geography and Geospatial Intelligence 2

Course Description
Capstone seminar part 2 for students in geospatial intelligence emphasis, emphasizing synthesis of material learned in major and application of knowledge and skills through research project.

Department
Geography

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 441 - Seminar in Geography and Geospatial Intelligence 1.

Learning Outcomes

Title
Components of Intelligence

Tags
182731, 1

Learning Outcome
Describe the use of intelligence collection (e.g. SIGINT, HUMINT), as welll as structured methods of analyzing the collected data. These are critical thinking methods. Be able to write intelligence reports (dissemination) at an introductory level. To a large extent, this is competence in all areas traditionally called the intelligence cycle.

Title
The Intelligence Community

Tags
182732, 2

Learning Outcome
Understand the intelligence community in the US, with special emphasis on deficiencies and the need to improve it in accordance with 9/11 commission recommendations. Understand the need for intelligence in a time of continuing symmetric and assymetric threats. Be able to list the qualities required in an intelligence officer. Describe the ethics of an intelligence officer.

Title
All-source Intelligence

Tags
182733, 3

Learning Outcome
Demonstrate the need for all-source Intelligence as well as how to gather it, analyze it, and disseminate it. Students will be able to write reports (of entry level quality) from deep-search all-source intellligence.

Title
National security

Tags
182734, 4

Learning Outcome
Be able to discuss the major national security threats of the US as well as the actors of those threats. This will be done both topically (e.g. WMD) as well as by discussing current events (e.g. IS in Iraq). Students will also be able to analyze threats to national security as well as compose threat assessments of professional quality (given limited open-source data).

GEOG 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
GEOG

Course Number
477R

Teaching Area
GEOG

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Geography

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

GEOG 487 - Environment and Society: A Geographic Perspective

Course Information

Course Number
487

Teaching Area
GEOG

Course Title
Environment and Society: A Geographic Perspective

Course Description
Exploration of the dynamic relationship between the environment and human society from a geographic perspective.

Department
Geography

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographic knowledge

Learning Outcome
Communicate geographic concepts, tools, and methodologies, both human and physical, for analyzing the interaction between human societies and the environment and their interconnections with God's creations, thus preparing them for lifelong inquiry.

Title
Environmental issues

Learning Outcome
Identify, analyze, and critically assess various environmental issues and challenges facing communities and societies on local, regional, and global scales in ways that honor moral agency and promote the common good.

Title
Resource management

Learning Outcome
Describe the principles of resource management and the challenges of balancing resource utilization with conservation goals, and identify the blessings and responsibilities of righteous stewardship of the world that God has given us to live on.

Title
Communication and collaboration

Learning Outcome
Collaborate with other stakeholders to effectively to address environmental challenges and issues with a commitment to serving communities and advancing the welfare of God's children, using their skills to foster understanding and positive change in diverse audiences, reflecting Christlike attributes of humility and love.

Title
Geographic application

Learning Outcome
Apply geographic knowledge and skills to real-world environmental challenges and propose practical solutions and policy recommendations, and reflect on their role as geographers in improving the human condition through lifelong learning and service in their spiritual and professional lives.

GEOG 489 - Geographic Approaches to Contemporary Issues

Course Information

Course Number
489

Teaching Area
GEOG

Course Title
Geographic Approaches to Contemporary Issues

Course Description
Application of geographic approaches to analyze and address current global issues.

Department
Geography

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographic methods

Learning Outcome
Apply key geographic concepts, theories, and methods.

Title
Geographic approaches

Learning Outcome
Model how to approach contemporary global, regional, and local issues from a geographic perspective by seeing how faculty and others do it.

Title
Skills

Learning Outcome
Develop critical thinking, problem-solving, and data analysis skills using geographic data and methods.

Title
Communication

Learning Outcome
Enhance communication skills by presenting reasoned information on pressing issues and proposing informed solutions.

GEOG 493R - Special Problems

Course Information

Teaching Area (new)
GEOG

Course Number
493R

Teaching Area
GEOG

Course Title
Special Problems

Course Description
Exploration of specific systematic or regional geographic themes.

Department
Geography

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geography major or departmental approval

Learning Outcomes

Title
Special Topics

Tags
182678, 0

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in geography.

Title
Supported learning

Tags
182769, 1

Learning Outcome
Students will learn to investigate a problem on their own with the support of a faculty member.

GEOG 495R - Mentored Research

Course Information

Teaching Area (new)
GEOG

Course Number
495R

Teaching Area
GEOG

Course Title
Mentored Research

Course Description
Participating in research integrating material learned in major. Emphasizes individual or collaborative research and creative thinking through active learning and reflective analysis.

Department
Geography

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Mentored Research

Tags
182708, 0

Learning Outcome
Students will conduct research with a mentoring professor which may include literature reviews, data collection, data coding, data management, data analysis, constructing statistical tables, writing proposals for conferences, and writing manuscripts to be submitted for publication.

Title
Learning on your own

Tags
182770, 1

Learning Outcome
Students will learn to investigate a problem on their own with the support of a faculty member.

GEOG 503 - Geographic Information Systems

Course Information

Teaching Area (new)
GEOG

Course Number
503

Teaching Area
GEOG

Course Title
Geographic Information Systems

Course Description
Using geographic information for solving advanced spatial problems. Introduction to using and producing maps and computer-based geographic information systems (GIS) as geographic tools. Hands-on research applications in the students' disciplines.

Department
Geography

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Graduate standing

Note
For nonmajors who have not taken Geog 211 or 212 or equivalent.

Learning Outcomes

Title
GIScience

Tags
182868, 1

Learning Outcome
Understand basic spatial concepts and data models that form the foundation of GIS.

Title
GIS Applications

Tags
182869, 2

Learning Outcome
Describe several applications in which GIS is used to solve geographic problems.

Title
GIS Analysis

Tags
182870, 3

Learning Outcome
Analyze data using GIS to solve real world problems.

Title
Data Management

Tags
182871, 4

Learning Outcome
Acquire geospatial data from common sources and manipulate them for a specific application.

Title
Cartography and Visualization

Tags
182872, 5

Learning Outcome
Design and use maps to explore and communicate geospatial information.

GEOG 510 - Professional Planning Studio

Course Information

Teaching Area (new)
GEOG

Course Number
510

Teaching Area
GEOG

Course Title
Professional Planning Studio

Course Description
Assessing problem and issue identification, goal formulation, data gathering, synthesis and summary, plan concept and format, and public policy adoption while writing a general plan for a community in Utah.

Department
Geography

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
Geog 410

Learning Outcomes

Title
Community Connection/Engagement

Tags
182758, 2

Learning Outcome
Engage with diverse communities, especially those with disadvantaged groups and persons and racial and ethnic minorities, or immigrant communities. (PAB 4.2.3i)

Title
Plan implementation

Tags
182759, 3

Learning Outcome
Through synthesis and application, demonstrate techniques for the intended development, adoption, and implementation of plans including relevant regulations, incentives, techniques and technologies. (PAB 4.2.3h)

Title
Plan preparation

Tags
182760, 4

Learning Outcome
Integrate and implement concepts regarding the creation of plans, programs or projects to prepare a crafted product for a specific planning purpose and audience; demonstrating skill and judgment preparing a planning project that meets minimum professional standards. (PAB 4.2.3f)

Title
Collaboration

Tags
182761, 5

Learning Outcome
Successfully collaborate with peers in joint learning activities organized to produce a plan or planning product for a relevant professional clientele, to mediate disagreements, to interpret contested purposes, and to negotiate between diverse and competing interests. (PAB 4.2.3e)

Title
Communication

Tags
182762, 6

Learning Outcome
Create and compose clear, accurate and compelling text, images and maps in documents and oral presentations, particularly for public presentations. (PAB 4.2.3c)

Title
Problem solving

Tags
182763, 1

Learning Outcome
Employ problem solving skills to select, diagnose and solve aspects of a complex planning problem including attention to the needs and interests of diverse stakeholders and the guidance provided by conceptual and empirical expertise. (PAB 4.2.3a)

GEOG 521R - Geographic Information Practicum

Course Information

Teaching Area (new)
GEOG

Course Number
521R

Teaching Area
GEOG

Course Title
Geographic Information Practicum

Course Description
Integration of various geographic technologies to solve a practical problem. Advanced topics in GIS, remote sensing, cartography, and programming as needed.

Department
Geography

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOG 212 - Introduction to Geographic Information Systems **AND** GEOG 217 - Programming for Geographers I

Recommended
Geog 222, 311, 312, 313, 317, 412.

Learning Outcomes

Title
Practicum

Tags
182671, 0

Learning Outcome
Students will learn integration of various geographic technologies to solve a practical problem using advanced topics in GIS, remote sensing, cartography, and programming as needed.

Title
Application Development

Tags
182849, 1

Learning Outcome
Use programming to develop an geospatial application that integrates GIS, Remote Sensing, and Cartography.

Title
Web Map Design

Tags
182850, 2

Learning Outcome
Design effective maps and interactive web interfaces to serve a particular audience and purpose.

Title
Lifelong Learning

Tags
182851, 3

Learning Outcome
Learn new skills, technologies, and techniques on your own, using a variety of learning resources.

GEOL 100 - Dinosaurs

Course Information

Teaching Area (new)
GEOL

Course Number
100

Teaching Area
GEOL

Course Title
Dinosaurs

Course Description
Hands-on examination of vertebrate fossils -- especially dinosaurs. For nonscience majors. Field trips.

Department
Geological Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Relationship between Science & Religion

Tags
204515, 1

Learning Outcome
Be able participate in meaningful discussions on the relationships of science and religion.

Title
Deep Time, Diversity of Life, Plate Tectonics

Tags
204516, 2

Learning Outcome
Confidently explain the relationships between deep time, the diversity of life, and plate tectonics.

Title
How Science Works

Tags
204517, 3

Learning Outcome
Be able to explain how science works via examples from geology and paleontology.

Title
Awe & Wonder

Tags
204518, 4

Learning Outcome
Have an infectious sense of awe and wonder for today's biotic and abiotic realms as part of an ever-changing Earth.

Title
Genealogy of the Dinosauria

Tags
204519, 5

Learning Outcome
Using cladistic methods be able to explain the basic phylogenetic relationships within Dinosauria, including birds.

Title
Faith in Jesus Christ

Learning Outcome
Increase faith in Jesus Christ through (1) a study of the history and relationahips of His creations and (2) gospel discussions.

Title
Increase testimony of living prophets and apostles

Learning Outcome
Increase testimony of living prophets and apostles via discussions of their words and teachings.

GEOL 101 - Introduction to Geology

Course Information

Teaching Area (new)
GEOL

Course Number
101

Teaching Area
GEOL

Course Title
Introduction to Geology

Course Description
Cultural focus on physical and environmental geology for nonscience majors; rocks and minerals. Field trips.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Tectonic System

Tags
204627, 2

Learning Outcome
1. Learn the basic evidences and ideas that support the Theory of Plate Tectonics.2. Understand how the plate tectonic system works, including the role of the different types of plate boundaries and the forces that help to drive the system.3. Learn how the plate tectonic system has helped to shape the Earth's surface.

Title
Geologic Time

Tags
204631, 3

Learning Outcome
1. Gain a greater insight into the enormous length of geologic time and the evidences that support this claim.2. Learn the different ways that scientists can determine geologic ages.

Title
Hydrologic System

Tags
204657, 1

Learning Outcome
1. Understand how the hydrologic system helps to shape the Earth and how the different sub-systems interact.2. Learn the reasons for climate change in both ancient and modern times.

Title
Other Planets

Tags
204661, 4

Learning Outcome
Learn how and why the other planets and moons in our solar system are different from Earth.

Title
Rocks and Minerals

Tags
204665, 0

Learning Outcome
1. Understand the difference between minerals and rocks.2. Be able to identify common rocks and minerals.3. Know where and when the basic rock and mineral types form and how they are related to the hydrologic and tectonic systems.

Title
Graphics

Tags
204806, 5

Learning Outcome
Understand and utilize scientific graphs, charts, maps, and images.

GEOL 102 - Geological Field Studies

Course Information

Teaching Area (new)
GEOL

Course Number
102

Teaching Area
GEOL

Course Title
Geological Field Studies

Course Description
Outdoor examination of geological processes via afternoon canyon hikes and other hands-on activities.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Note
For nonscience majors.

Learning Outcomes

Title
Geologic Time

Tags
204660, 3

Learning Outcome
1. Gain a greater insight into the enormous length of geologic time and the evidences that support this claim.2. Learn the different ways that scientists can determine geologic ages.

Title
Hydrologic System

Tags
204679, 1

Learning Outcome
1. Understand how the hydrologic system helps to shape the Earth and how the different sub-systems interact.2. Learn the reasons for climate change in both ancient and modern times.

Title
Rocks and Minerals

Tags
204701, 0

Learning Outcome
1. Understand the difference between minerals and rocks.2. Be able to identify common rocks and minerals.3. Know where and when the basic rock and mineral types form and how they are related to the hydrologic and tectonic systems.

Title
Tectonic System

Tags
204752, 2

Learning Outcome
1. Learn the basic evidences and ideas that support the Theory of Plate Tectonics.2. Understand how the plate tectonic system works, including the role of the different types of plate boundaries and the forces that help to drive the system.3. Learn how the plate tectonic system has helped to shape the Earth's surface.

GEOL 103 - Life of the Past

Course Information

Teaching Area (new)
GEOL

Course Number
103

Teaching Area
GEOL

Course Title
Life of the Past

Course Description
Cultural focus on historical geology for nonscience majors; fossils. Field trips.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

GEOL 105 - Diamonds and Gems

Course Information

Teaching Area (new)
GEOL

Course Number
105

Teaching Area
GEOL

Course Title
Diamonds and Gems

Course Description
Hands-on examination of diamonds and gems with particular emphasis on discriminating naturally occurring from man-made products. Field trips and lab studies.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

GEOL 107 - Water Planet

Course Information

Course Number
107

Teaching Area
GEOL

Course Title
Water Planet

Course Description
This course is designed as a general education investigation of the importance of water to the existence of life on Earth, and the qualities of water that lead to its unusual but critical properties.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Water Resources and Human Society

Learning Outcome
Students will be able to effectively describe the two-way relationship between water resources and human society: how water availability and quality affect economic opportunities and human well-being and how human activity affects water resources.

Title
Distribution of Water

Learning Outcome
Students will be able to knowledgeably explain the distribution and dynamics of water at the surface and in the subsurface of Earth and how the distribution and characteristics are expected to change over the next 50 years.

Title
Data Analysis

Learning Outcome
Students will be able to identify appropriate data collection practices for a variety of hydrologic data, synthesize and analyze data from multiple sources, and interpret the results; develop strategies and best practices to decrease water stress and increase water quality.

Title
Public Policy

Learning Outcome
Students will be able to thoughtfully evaluate information and policy statements regarding the current and future predicted state of water resources, and communicate their evaluations in terms that can be understood by the general public.

GEOL 108 - Climate and the Earth System

Course Information

Teaching Area (new)
GEOL

Course Number
108

Teaching Area
GEOL

Course Title
Climate and the Earth System

Course Description
Chemical, physical, and biological processes shaping the Earth's surface and climate, emphasizing quantitative methods for measuring and evaluating contemporary climate and environmental changes relative to the last several thousand years.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Fundamentals

Tags
204760, 1

Learning Outcome
Define and describe the components and dynamics of Earth's climate system.

Title
Climate Change

Tags
204761, 2

Learning Outcome
Discuss the causes (forcings) of climate change, the natural response of the many components of Earth's climate system to those forcings, and the interactions and feedbacks among these components.

Title
Climate History

Tags
204762, 3

Learning Outcome
Evalute the evidence for and causes of climate change throughout Earth's history and assess the role of greenhouse gases within the climate system at multiple time scales (from tectonic-scale changes to anthropogenic changes).

Title
Quantitative Reasoning

Tags
204763, 4

Learning Outcome
Quantify the response of the climate system to changes in climate forcings through problem sets and laboratory experiments. Use these results to critically evaluate climate sensitivity and climate change over time.

GEOL 109 - Geology of the Planets

Course Information

Teaching Area (new)
GEOL

Course Number
109

Teaching Area
GEOL

Course Title
Geology of the Planets

Course Description
Origins and distinctive histories of the planets in our solar system as revealed by study of their surface features.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
For nonscience and science majors.

Learning Outcomes

Title
Scientific Method

Tags
204520, 1

Learning Outcome
Learn to piece together new information, draw inferences, reexamine older geological theories based only on our terrestrial experience, and formulate new theories about the way planets behave and how they originated. Finally, you may be able to propose novel ways to test these new ideas.

Title
History of the Solar System

Tags
204521, 2

Learning Outcome
Be able to reconstruct the histories of the planets, their moons, and other bodies.

Title
Geology Fundamentals

Tags
204522, 3

Learning Outcome
Understand the fundamental principles of geology by studying the development of the planetsin the solar system.

Title
Life on Earth

Tags
204523, 4

Learning Outcome
Gain a greater appreciation of how our own planet functions and why it is uniquely suited for life.

GEOL 110 - Geological Science Laboratory

Course Information

Teaching Area (new)
GEOL

Course Number
110

Teaching Area
GEOL

Course Title
Geological Science Laboratory

Course Description
Minerals, rocks, and landforms; the use of topographic and geologic maps; the interpretation of aerial photos.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 101 - Introduction to Geology

Learning Outcomes

Title
Geological Materials

Tags
204634, 0

Learning Outcome
1. Learn the basic mineral types, how they form, and how they differ structurally.2. Understand how minerals are put together to form rocks.3. Learn the names and how to recognize the basic sedimentary, igneous, and metamorphic rock types.

Title
Tectonic Sytems

Tags
204676, 2

Learning Outcome
1. Learn the basic workings of the Earth's tectonic system and the evidences that support the plate tectonic theory. Successfully complete lab activities that elucidate these concepts.2. Understand how to interpret geologic structures and rocks in terms of the tectonic system.

Title
Hydrosphere

Tags
204681, 1

Learning Outcome
1. Understand the basic atmospheric and hydrologic systems and how they affect the Earth's rocks. Demonstrate this by completing lab activities treating this subject.2. Learn how man has influenced these systems and what the possible future outcomes of this influence might be.

Title
Science and Society

Tags
204727, 3

Learning Outcome
1. Understand the nature of fossil fuel resources, their origin, and the magnitude of reserves of coal, oil, natural gas, etc.2. Understand the nature of metallic resources, including their origin, distribution across the globe, and the magnitude of reserves.3. Appreciate the environmental consequences of fossil fuel and metallic resource extraction.4. Become aware of the major hazards posed by earthquakes, volcanic eruptions, and their attendant phenomena.5. Understand the fundamental processes that regulate the climate, as well as the role of human activity in climate change.6.Complete lab activities that demonstrate the relationship between geological processes and human activities.

GEOL 111 - Physical Geology

Course Information

Teaching Area (new)
GEOL

Course Number
111

Teaching Area
GEOL

Course Title
Physical Geology

Course Description
Materials, structure, and surface features of the earth and the geologic processes involved in their development. Field trips and lab studies, use of aerial photos.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Learning Outcomes

Title
Writing

Tags
204524, 4

Learning Outcome
Learn some fundamental skills in preparation to conduct research and ultimately write research papers in other classes, including:
1. Using online databases (GEOREF, Web of Science) to obtain information on a particular topic.
2. Using online resources (Refworks) to manage and format references.
3. Reading articles in the primary geologic literature and drawing out primary information such as the topic of and article and its conclusions even if the student is not prepared (at this stage) to understand the methodology employed.
4. Appreciate the need to properly format cited literature in a research paper.
5. Learn the content and proper voice for the abstract of a research paper.

Title
Geology, the Environment, and Humankind

Tags
204525, 5

Learning Outcome
1. Understand the nature of fossil fuel resources, their origin, and the magnitude of reserves of coal, oil, natural gas, etc.
2. Understand the nature of metallic resources, including their origin, distribution across the globe, and the magnitude of reserves.
3. Appreciate the environmental consequences of fossil fuel and metallic resource extraction.
4. Become aware of the major hazards posed by earthquakes, volcanic eruptions, and their attendant phenomena.
5. Understand the fundamental processes that regulate the climate, as well as the role of human activity in climate change.

Title
Dynamics of the Hydrosphere

Tags
204644, 1

Learning Outcome
1. Understand the basic atmospheric and hydrologic systems and how they affect the Earth's rocks.2. Learn how man has influenced these systems and what the possible future outcomes of this influence might be.

Title
Earth Materials

Tags
204680, 0

Learning Outcome
1. Learn the basic mineral types, how they form, and how they differ structurally.2. Understand how minerals are put together to form rocks.3. Learn the names and how to recognize the basic sedimentary, igneous, and metamorphic rock types.

Title
Dynamics of the Tectonosphere

Tags
204730, 2

Learning Outcome
1. Learn the basic workings of the Earth's tectonic system and the evidences that support the plate tectonic theory.2. Understand how to interpret geologic structures and rocks in terms of the tectonic system.

Title
Introduction to Earth Systems and Heat Transfer

Tags
204756, 5

Learning Outcome
1. Learn or review the large scale features of the Earth's interior and exterior, including the basic features of the tectonic and hydrological systems.2. Appreciate the role of heat transfer, and in particular convection, in making both the hydrosphere and tectonosphere dynamic.

GEOL 112 - Historical Geology

Course Information

Teaching Area (new)
GEOL

Course Number
112

Teaching Area
GEOL

Course Title
Historical Geology

Course Description
Developmental history of the earth, its landforms, and life forms, emphasizing the North American continent. Field trips and lab studies.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology

Learning Outcomes

Title
Fundamentals

Tags
204526, 1

Learning Outcome
Demonstrate understanding of the fundamentals of uniformitarianism and the scientific methods for determining the relative and absolute ages of Earth materials and events.

Title
Sedimentary Rock Record

Tags
204527, 2

Learning Outcome
Demonstrate a basic understanding of the origin and historical significance of sedimentary rocks. Be able to identify common clastic and non-clastic sedimentary rock types in hand sample and on outcrop. Be able to determine the depositional environment from rock type and outcrop pattern. Understand the age and significance of Sloss' depositional sequences.

Title
The Record of Life

Tags
204528, 3

Learning Outcome
Be able to recognize the nature and mode of fossil preservation. Be able to identify the major invertebrate fossil groups and signify the environmental significance of each. Use fossils to recognize the age of sedimentary strata.

Title
Descent with Modification

Tags
204529, 4

Learning Outcome
Demonstrate a basic knowledge of organic evolution including the key concepts of natural selection and its role in producing the fossil record. Be able to explain the evidence that led Darwin to the theory of natural selection as well as post-Darwinian discoveries.

Title
Ecological Evolution

Tags
204530, 5

Learning Outcome
Understand that modern Earth is a product of the coevolution of the biosphere, lithosphere, atmosphere, and hydrosphere over 4.6 billion years of earth history. Demonstrate knowledge of key biological, depositional, tectonic, and climatic events in the context of the geological timescale.

Title
Geological Maps

Tags
204531, 6

Learning Outcome
Be able to decipher the geological history of an area from a geological map.

Title
Communicating Science

Tags
204532, 7

Learning Outcome
Demonstrate mastery of a scientific concept and ability to convey that concept to a body of peers using PowerPoint and/or other professional means.

GEOL 113 - Historical Geology Lab

Course Information

Teaching Area (new)
GEOL

Course Number
113

Teaching Area
GEOL

Course Title
Historical Geology Lab

Course Description
Applying fossils, rocks, stratigraphy, correlation, and geologic maps to interpret Earth's history.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Geol 103 or concurrent enrollment.

Note
This course is for students who have completed GEOL 103 (Life of the Past) and who would like to get credit for GEOL 112 (Historical Geology).

Learning Outcomes

Title
The Record of Life

Tags
204793, 1

Learning Outcome
Be able to recognize the nature and mode of fossil preservation. Be able to identify the major invertebrate fossil groups and signify the environmental significance of each. Use fossils to recognize the age of sedimentary strata.

Title
Geological Maps

Tags
204794, 2

Learning Outcome
Be able to decipher the geological history of an area from a geological map.

GEOL 210 - Field Studies

Course Information

Teaching Area (new)
GEOL

Course Number
210

Teaching Area
GEOL

Course Title
Field Studies

Course Description
Procedures in observing, collecting, and recording field data concerning properties of rock units.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology
  AND GEOL 112 - Historical Geology

Note
Contact Geological Sciences Department before April 15 for dates of upcoming August trip.

Learning Outcomes

Title
Geologic Tools

Tags
204533, 1

Learning Outcome
Learn how to take accurate and complete field notes.
Learn how to use a compass to measure strike and dip on outcrops in the field.
Learn how to read topographic and geologic maps and relate the map to what you see in the field.

Title
Collecting and Interpreting Geologic Data

Tags
204534, 3

Learning Outcome
Learn the basics of making a geologic map.
Learn how to interpret the geology on a map to draw a geologic cross-section.
Write up the results of data you collected along with your interpretation in a clear, consise manner.

Title
Rock and Minerals

Tags
204535, 2

Learning Outcome
Review rocks and minerals learned in earlier courses and be able to accurately identify them in the field.
Understand the relationships between igneous rocks and minerals and magmatic processes.
Understand the relationships between metamorphic rocks and minerals and the processes that formed them.
Understand the significance of sedimentary rocks in understanding depositional systems and regional tectonics.

Title
Field Observation

Tags
204536, 4

Learning Outcome
Become detailed observers of field geology

Title
Utah's National Parks

Tags
204537, 5

Learning Outcome
Understand the formative processes of the geology of Utah's National Parks including Zion NP, Bryce Canyon NP, and Capitol Reef NP.

Title
Landscape Evolution

Tags
204538, 6

Learning Outcome
Develop an understanding of the interelationships of stratigraphy, structural geology, and surficial processes on landscape evolution.

GEOL 230 - Earth Data Visualization

Course Information

Teaching Area (new)
GEOL

Course Number
230

Teaching Area
GEOL

Course Title
Earth Data Visualization

Course Description
Introduction to writing within the discipline and designing and creating publishable geologic maps and illustrations. Tools include ArcGIS, Adobe Illustrator, and Photoshop. Student portfolio initiated.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- GEOL 111 - Physical Geology

GEOL 320 - GIS Applications in Geology

Course Information

Course Number
320

Teaching Area
GEOL

Course Title
GIS Applications in Geology

Course Description
Upon completion of this course students will be confident in their ability to identify tractable geographic information systems (GIS) questions, compile and edit GIS data, find appropriate GIS programs and tools to conduct quantitative analyses, and use GIS editing techniques to create clear, professional reports and/or presentations of their analyses.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- GEOL 230 - Earth Data Visualization

Learning Outcomes

Title
Developing Scientific Questions for GIS

Learning Outcome
Identify and develop scientific questions and datasets that can be answered using GIS methods and tools.

Title
GIS Methods and Tools

Learning Outcome
Find and apply GIS tools to analyze scientific questions and troubleshoot issues if/when necessary.

Title
GIS Software and Techniques

Learning Outcome
Apply a variety of different GIS programs and techniques (e.g., ArcGIS Pro, ESRI Field Maps, and remote sensing technologies) in their geologic investigations.

Title
Communicating GIS Information

Learning Outcome
Use ArcGIS Pro and ArcGIS Online tools to create professional presentations of their scientific investigations.

GEOL 330 - Engineering Geology

Course Information

Teaching Area (new)
GEOL

Course Number
330

Teaching Area
GEOL

Course Title
Engineering Geology

Course Description
Geological processes and materials bearing on engineering practices. Field trips.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

GEOL 351 - Mineralogy

Course Information

Teaching Area (new)
GEOL

Course Number
351

Teaching Area
GEOL

Course Title
Mineralogy

Course Description
Principles of crystallography and crystal chemistry. Physical, chemical, and crystallographic properties of minerals.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1

Other Prerequisites
Chem 105 or 111 or concurrent enrollment

Learning Outcomes

Title
Fundamentals

Tags
204543, 1

Learning Outcome
Demonstrate understanding of the fundamental ideas that govern the arrangement of atoms into a crystalline structure (chemical bonding, atomic size, coordination number, polymerization of polyhedra, bond strength and bond valence, stability, etc.)

Title
Symmetry of Crystals

Tags
204544, 2

Learning Outcome
Demonstrate a basic understanding of atomic level symmetry. Enumerate and describe the crystal systems in terms of both symmetry and unit-cell metrics, recognize symmetry elements in well-formed natural crystals, and determine crystal classes of such crystals.

Title
Instrumental Methods

Tags
204545, 3

Learning Outcome
Describe the applications and limitations of important instrumental/analytical methods used in mineralogy.

Title
Mineral Identification

Tags
204546, 4

Learning Outcome
Identify specimens of the 60-70 most common minerals at least 70% of the time.

Title
Phenomena

Tags
204547, 5

Learning Outcome
Demonstrate an understanding of the mechanisms and implications of various mineralogical phenomena, including solid solution, exsolution, polymorphism, atomic ordering, polytypism, color, and twinning.

Title
Relationships

Tags
204548, 6

Learning Outcome
Discuss the interrelationships among crystallography, composition, and the physical properties of minerals.

Title
Application

Tags
204549, 7

Learning Outcome
Demonstrate the ability to apply principles learned to minerals not specifically encountered in the course.

Title
Computer Software

Tags
204550, 8

Learning Outcome
Use computer software for reduction of mineralogical data and be able to discuss its limitations.

Title
Scientific Inquiry and Writing

Tags
204551, 9

Learning Outcome
Demonstrate the ability to work in teams to collect and analyze mineralogical data and incorporate it into an original, high quality research paper on an assigned subject of mineralogical significance.

GEOL 352 - Petrology

Course Information

Teaching Area (new)
GEOL

Course Number
352

Teaching Area
GEOL

Course Title
Petrology

Course Description
Compositions, fabrics, and field relations of igneous and metamorphic rocks; behavior of rock-forming systems. Field trips.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND GEOL 210 - Field Studies
  AND GEOL 351 - Mineralogy

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 111 - Principles of Chemistry 1
  AND GEOL 210 - Field Studies
  AND GEOL 351 - Mineralogy

Learning Outcomes

Title
Magma Generation and Evolution

Tags
204552, 1

Learning Outcome
Explain how magmas form and differentiate at divergent and convergent plate boundaries and at mantle plumes.

Title
Metamorphism

Tags
204553, 2

Learning Outcome
Describe how metamorphic rocks form and their relationships to global tectonics.

Title
Petrography

Tags
204554, 3

Learning Outcome
Identify the minerals and rock types using hand samples and thin sections of the major rock types.

GEOL 370 - Sedimentology and Stratigraphy

Course Information

Teaching Area (new)
GEOL

Course Number
370

Teaching Area
GEOL

Course Title
Sedimentology and Stratigraphy

Course Description
Erosion; sediment entrainment, transport, and deposition; depositional systems and facies analysis; principles of stratigraphy. Field trips.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 112 - Historical Geology
  AND GEOL 210 - Field Studies
  AND GEOL 230 - Earth Data Visualization

Learning Outcomes

Title
Application of Concepts

Tags
204555, 1

Learning Outcome
Apply problem solving, critical thinking, and communication skills relative to depositional models and interpreting the stratigraphic record.

Title
Depositional Systems

Tags
204556, 2

Learning Outcome
Understand depositional systems, facies relationships, and introductory aspects of sequence stratigraphy.

Title
Process Sedimentology

Tags
204557, 3

Learning Outcome
Discuss processes and forces that weather, transport, and deposit sedimentary grains under both sunaqueous and subarial conditions.

Title
Rock Classification

Tags
204558, 4

Learning Outcome
Observe and describe sedimentary rocks objectectively. Gain the ability to communicate using appropriate scientific vocabulary.

GEOL 375 - Structural Geology

Course Information

Teaching Area (new)
GEOL

Course Number
375

Teaching Area
GEOL

Course Title
Structural Geology

Course Description
Geometric, kinematics, and dynamic analysis of tectonic structures. Several studies will be conducted in the field.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 210 - Field Studies
  AND GEOL 230 - Earth Data Visualization
  AND MATH 112 - Calculus 1

Other Prerequisites
Geol 351 or concurrent enrollment; Phscs 105 or concurrent enrollment.

Learning Outcomes

Title
General Statement of Course Objectives

Tags
204559, 1

Learning Outcome
My goal is for each of student to learn to become a part of the ongoing conversation about how Earth's crust deforms. This means learning the language of structural geology and using it to share the discoveries they make for themselves. Discoveries in structural geology come through applying best-fit kinematic and dynamic models to geometric reconstructions of observed geological structure. The discovery is complete when they are communicated effectively through writing, illustrations and oral presentation.

Title
Identify in the field and interpret the major deformational

Tags
204560, 2

Learning Outcome
1. Identify and measure brittle Structure (extensional and shear fractures, fault-related folds)
2. Identify and measure ductile Structure (flow folds, cleavage, foliation and rock fabrics)

Title
Conduct a geometric structural analysis

Tags
204561, 3

Learning Outcome
1. Acquire reliable measurements of the geometry of structures with a compass
2. Present and manipulate data using stereographic projection
3. Interpret stress and kinematic histories from structural measurements
4. Infer geometry of subsurface and missing parts of structures from measurements in order to construct a viable geologic cross-section.

Title
Conduct a kinematic structural analysis

Tags
204562, 4

Learning Outcome
1. Identify and interpret sense-of-shear indicators associated with both brittle and ductile structures in the field
2. Reconstruct the deformation path of a structural feature or deformed region

Title
Conduct a Dynamic Sturctural Analysis

Tags
204563, 5

Learning Outcome
1. Derive the normal and shear stress components for rock failure from lab data.
2. Use these results to derive the constituitive equations for deformation
3. Quantify the contribution of each deformational mechanism in a region.

Title
Forecast the next major earthquake along the Wasatch Fault

Tags
204564, 6

Learning Outcome
1. Measure the orientation, slip rate and direction of the Wasatch Fault
2. Combine these measurements with GPS and EDM results on strain accumulation rates
3. Determine the most likely location and magnitude of the next large earthquake along the Wasatch Fault.

Title
Societal relevance of structural geology

Tags
204565, 7

Learning Outcome
1. Use structural data to predict the best location to drill for water, oil and gas.
2. Use structural data to predict the location of mineral resources
3. Use structural data to predict the environmental impact of toxic waste disposal

GEOL 399R - Academic Internship

Course Information

Teaching Area (new)
GEOL

Course Number
399R

Teaching Area
GEOL

Course Title
Academic Internship

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Experience

Tags
204721, 0

Learning Outcome
Gain experience in a real world work or research lab that will strengthen your understanding of the concepts learned in class.

GEOL 405 - Applied Mathematics in the Geological Sciences

Course Information

Teaching Area (new)
GEOL

Course Number
405

Teaching Area
GEOL

Course Title
Applied Mathematics in the Geological Sciences

Course Description
Provides a broad survey of mathematical methods that are relevant for geological problems. Focuses on casting geological problems in mathematical terms and solving them. Strong emphasis on setting up equations and on the quality of written solutions.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology
  AND MATH 113 - Calculus 2

Recommended
Geol 230

Learning Outcomes

Title
Mathematical Methods

Tags
204764, 1

Learning Outcome
Determine appropriate mathemathical methods to solve a given geological problem.

Title
Mathematical Solutions

Tags
204765, 2

Learning Outcome
Set up equations describing geological problems and solve them symbolically.

Title
Quantitative Reasoning

Tags
204766, 3

Learning Outcome
Discuss the relevance of a given quantitative solution to our understanding of the geological system of interest.

Title
Mathematical Presentation

Tags
204767, 4

Learning Outcome
Present quantitative solutions in a logical, understandable manner emphasizing the geological relevance of the problem.

GEOL 411 - Geomorphology and Remote Sensing

Course Information

Teaching Area (new)
GEOL

Course Number
411

Teaching Area
GEOL

Course Title
Geomorphology and Remote Sensing

Course Description
Interpretive analysis of landforms and their geologic significance. Use of aerial/satellite images of Earth and other planets, topographic/bathymetric maps, multi-wavelength image data. Field trips.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology

OR

Prerequisites

Complete ALL of the following Courses:

- GEOL 330 - Engineering Geology

Learning Outcomes

Title
Form and Process

Tags
204566, 1

Learning Outcome
Understand the relationships between landscapes and the processes that created them

Title
Interpretation of Landscape

Tags
204567, 2

Learning Outcome
Develop an ability to read and interpret geology and geomorphology from topographic maps, air photos, and satellite data

Title
Quantifying Process

Tags
204568, 3

Learning Outcome
Become comfortable with quantitative analyses of landforms and geomorphic processes

Title
Change over Time

Tags
204569, 4

Learning Outcome
Acquire an appreciation for the unique and complex way the landscapes of Earth and the planets evolved to their present-day morphologies

GEOL 420 - Geological Field Methods

Course Information

Teaching Area (new)
GEOL

Course Number
420

Teaching Area
GEOL

Course Title
Geological Field Methods

Course Description
Introduction to methods used to collect and interpret field data in a variety of geologic and environmental investigations. Extensive hiking requires students to be physically fit.

Department
Geological Sciences

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology
  AND GEOL 370 - Sedimentology and Stratigraphy
  AND GEOL 375 - Structural Geology

Other Prerequisites
Concurrent enrollment in Geol 421 .

Fee
550

Learning Outcomes

Title
Stratigraphy

Tags
204786, 1

Learning Outcome
Measure and describe a "section" of sedimentary strata, and subdivide the section into lithostratigraphic units.

Title
Sedimentology

Learning Outcome
Interpret rock features in context of sedimentary depositional models.

Title
Structural geology

Learning Outcome
Collect and interpret structural data, including attitudes of contacts, fractures, faults, fold hinge lines and dip domains, cleavage and foliation, lineations and estimates of strain and paleostress directions.

Title
Hydrogeology

Learning Outcome
Evaluate fluid flow in the context of structural features (e.g. faults and joints).

GEOL 421 - Geological Mapping

Course Information

Teaching Area (new)
GEOL

Course Number
421

Teaching Area
GEOL

Course Title
Geological Mapping

Course Description
Application of field procedures and mapping techniques to a variety of geologic problems. Synthesis of geologic principles leading to the construction and interpretation of geologic maps.

Department
Geological Sciences

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology
  AND GEOL 370 - Sedimentology and Stratigraphy
  AND GEOL 375 - Structural Geology

Other Prerequisites
Concurrent enrollment in Geol 420.

Learning Outcomes

Title
Geologic mapping

Tags
204787, 1

Learning Outcome
Demonstrate proficiency in basic mapping skills, such as locating formational contacts, measuring strike and dip, and drawing a map and cross-section.

Title
Metamorphic rocks

Learning Outcome
Map, describe and interpret a suite of metamorphic rocks.

Title
Igneous rocks

Learning Outcome
Map, describe and interpret intrusive and extrusive igneous rocks.

Title
Geologic reports and illustrations

Learning Outcome
Communicate geologic results through reports and illustrations.

GEOL 422 - Geologic Writing

Course Information

Teaching Area (new)
GEOL

Course Number
422

Teaching Area
GEOL

Course Title
Geologic Writing

Course Description
Preparation of professional geologic reports and illustrations using digital tools.

Department
Geological Sciences

When Taught
Spring Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
16

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology
  AND GEOL 370 - Sedimentology and Stratigraphy
  AND GEOL 375 - Structural Geology

Other Prerequisites
concurrent enrollment in Geol 420 and Geol 421.

Learning Outcomes

Title
GEOL 422 - Scientific Writing

Tags
204788, 1

Learning Outcome

Produce a synthesis report describing the rock column, structural styles, and geologic history of the field mapping area in the context of plate tectonics.
Create professional figures using ArcGIS and Illustrator.
Demonstrate increased proficiency in the student's chosen career pathway by participating in deeper learning experience.

GEOL 430 - Senior Thesis

Course Information

Teaching Area (new)
GEOL

Course Number
430

Teaching Area
GEOL

Course Title
Senior Thesis

Course Description
Faculty-supervised research on a project of limited scope. Project is chosen and completed by the student. Written and oral presentation of findings required.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology
  AND GEOL 370 - Sedimentology and Stratigraphy
  AND GEOL 375 - Structural Geology

Learning Outcomes

Title
Research Experience

Tags
204709, 0

Learning Outcome
1. Gain a greater understanding of your area of interest by working on a mentored research project under the supervision of a faculty member.2. Learn better writing and communication skills by compiling your research into a senior thesis.

GEOL 435 - Groundwater

Course Information

Teaching Area (new)
GEOL

Course Number
435

Teaching Area
GEOL

Course Title
Groundwater

Course Description
Introduction to the occurrence, movement, and properties of subsurface water. Topics include surface and groundwater relationships, water budgets and the hydrologic cycle, Darcy's law, the physics of groundwater flow, flow nets, flow paths in confined and unconfined aquifers, and basin hydrogeology.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology

OR

Prerequisites

Complete ALL of the following Courses:

- GEOL 330 - Engineering Geology

Other Prerequisites
Math 110 or equivalent

GEOL 440 - Solid Earth Geophysics

Course Information

Teaching Area (new)
GEOL

Course Number
440

Teaching Area
GEOL

Course Title
Solid Earth Geophysics

Course Description
Physics of the earth, including earthquake seismology. Gravity, seismic, magnetic, electrical, and heat flow properties and methods.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 111 - Physical Geology
  AND MATH 112 - Calculus 1
  AND PHSCS 106 - General Physics 2

Learning Outcomes

Title
Physics of the Earth

Tags
204578, 1

Learning Outcome
Understand the fundamental principles of plate motions, seismic waves, gravity, magnetics, heat flow, and mantle convection

Title
Problem Solving

Tags
204579, 2

Learning Outcome
Develop the ability to analyze processes in Earth's interior and on its surface through use of mathematics and problem solving

Title
Science Writing

Tags
204580, 3

Learning Outcome
Become comfortable with reading scientific papers, analyzing their content, and writing summaries of your analyses

Title
Earth as a Planet

Tags
204581, 4

Learning Outcome
Acquire an appreciation for the unique and complex processes in Earth's interior and the resulting surface manifestations and implications for development of life

GEOL 445 - Geochemistry

Course Information

Teaching Area (new)
GEOL

Course Number
445

Teaching Area
GEOL

Course Title
Geochemistry

Course Description
Applying elementary chemical principles to understand geologic processes and materials.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 106 - General College Chemistry 2
  AND CHEM 107 - General College Chemistry Laboratory
  AND GEOL 352 - Petrology

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 112 - Principles of Chemistry 2
  AND GEOL 352 - Petrology

Learning Outcomes

Title
Mathematical Competence

Tags
204582, 1

Learning Outcome
Students will mathematically describe geochemical fractionation, mixing, kinetics, transport, and equilibrium.

Title
Chemical Computation

Tags
204583, 2

Learning Outcome
Students will solve geochemical problems both analytically and using computer software.

Title
Scientific Writing

Tags
204584, 3

Learning Outcome
Students will improve their scientific writing skills.

GEOL 452 - Petrography to Petrogenesis

Course Information

Teaching Area (new)
GEOL

Course Number
452

Teaching Area
GEOL

Course Title
Petrography to Petrogenesis

Course Description
Principles of optical mineralogy and their application to the identification of minerals in thin section Petrographic analysis and its relation to rock-forming processes in igneous, metamorphic, and sedimentary rocks.

Department
Geological Sciences

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 351 - Mineralogy
  AND GEOL 352 - Petrology

Learning Outcomes

Title
Petrography to Petrogenesis

Tags
204784, 1

Learning Outcome
Demonstate the ability to use the petrographic microscope to identify the common rock-forming minerals.
Demonstrate the ability to use the petrographic microscope to determine 2V and other optical parameters to determine mineral compositions.
Demonstate a familiarity with the common textures and microstructures of igneous and metamorphic rocks and understand the petrogenetic implications of these textures/microstructures.

GEOL 460 - Economic and Resource Geology

Course Information

Teaching Area (new)
GEOL

Course Number
460

Teaching Area
GEOL

Course Title
Economic and Resource Geology

Course Description
Nature and genesis of metallic and non-metallic mineral deposits, including laboratory study of economic minerals. Field trips.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology

Learning Outcomes

Title
Ore Mineralogy

Tags
204585, 1

Learning Outcome
Identify important ore-forming minerals, textures, and structures in hand sample and in the field.

Title
Ore Genesis

Tags
204586, 2

Learning Outcome
Compare and contrast the principal ore-forming processes: magmatic, hydrothermal, and sedimentary.

Title
Ore Deposit Models

Tags
204587, 3

Learning Outcome
Use observed characteristics of an ore deposit to develop a genetic model for its origin.

Title
Resource Exploration Strategies

Tags
204588, 4

Learning Outcome
Develop an exploration strategy for an ore deposit based on a genetic model.

GEOL 476 - Introduction to Seismic Interpretation

Course Information

Teaching Area (new)
GEOL

Course Number
476

Teaching Area
GEOL

Course Title
Introduction to Seismic Interpretation

Course Description
Fundamental techniques; analyzing seismic reflection data. Reviewing fundamentals of seismic trace and geologic implications. Basic mapping of subsurface structure and stratigraphy.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 370 - Sedimentology and Stratigraphy
  AND GEOL 375 - Structural Geology

Learning Outcomes

Title
What is a seismic wavelet?

Tags
204589, 1

Learning Outcome
Understand and able to explain what a reflection wavelet is. i.e. polarity, phase and amplitude

Title
2D Interpretation

Tags
204590, 2

Learning Outcome
Able to identify and interpret, using colored pencils, seismic reflectors on a set of intersecting 2D seismic lines.

Title
Geologic Implications

Tags
204591, 3

Learning Outcome
Uses geologic knowledge to infer structure and stratigraphy from seismic reflection data.

Title
Spatial Intelligence

Tags
204592, 4

Learning Outcome
Develop three-dimensional thinking skills.

Title
Facetime I

Tags
204593, 5

Learning Outcome
Able to coherently and concisely prepare and present technical presentations from:
1) Scientific articles
2) Seismic interpretation and research

Title
Contouring

Tags
204594, 6

Learning Outcome
Generation of a hand-drawn time-structure map using the interpretation generated in Learning Outcome "2D Interpretation"

Title
3D Interpretation

Tags
204595, 7

Learning Outcome
Learning of 3D interpretation software. Able to interpret 3D data and generate digital time-structure map.

GEOL 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
GEOL

Course Number
477R

Teaching Area
GEOL

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Geological Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

GEOL 480 - Paleontology

Course Information

Teaching Area (new)
GEOL

Course Number
480

Teaching Area
GEOL

Course Title
Paleontology

Course Description
Distribution, morphology, paleoecology, evolution, and stratigraphic significance of organisms in the geologic record. Field trips.

Department
Geological Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 112 - Historical Geology

Learning Outcomes

Title
Fundamentals

Tags
204598, 1

Learning Outcome
Demonstrate understanding of the nature of fossils and types of fossilization that turn organic remains into fossils.

Title
Nature of the Fossil Record-Taphonomy

Tags
204599, 2

Learning Outcome
Be able to explain the incompleteness of the fossil record and the taphonomic processes that affect fossils between death and burial and burial and discovery.

Title
Taxonomy and Morphology

Tags
204600, 3

Learning Outcome
Be able to recognize the major groups of invertebrate fossils on the basis of their morphology and be able to identify key index fossils to the species level.

Title
Uses of Fossils

Tags
204601, 4

Learning Outcome
Demonstrate understanding of the uses of fossils in solving geological problems: paleoenvironments, relative age, paleocology.

Title
Evolution

Tags
204602, 5

Learning Outcome
Understand the role of fossils in demonstrating the patterns of evolution through time.

GEOL 490R - Exploratory Geophysics and Modeling

Course Information

Teaching Area (new)
GEOL

Course Number
490R

Teaching Area
GEOL

Course Title
Exploratory Geophysics and Modeling

Course Description
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Fee
Variable

Note
Fee.

GEOL 490R - Topics in Geology

Course Information

Teaching Area (new)
GEOL

Course Number
490R

Teaching Area
GEOL

Course Title
Topics in Geology

Course Description
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Fee.

GEOL 490R - Advanced Sedimentology

Course Information

Teaching Area (new)
GEOL

Course Number
490R

Teaching Area
GEOL

Course Title
Advanced Sedimentology

Course Description
Sedimentology and depositional processes of clastic systems. Focus on different major depositional settings, with classroom discussion based on current research papers. Inputs/outputs of sedimentary systems, the processes involved in the erosion/deposition/transport of sediment, preservation potential and resulting bedforms derived from depositional processes, and interpretation of paleoenvironmental conditions based on preserved strata. Focus on the ancient rock record, modern analogs, and to a lesser extent process-based computer modeling as three different ways to build a more comprehensive understanding.

Department
Geological Sciences

When Taught
Winter Even Years

Credit Hours

Min:
0.5

Fixed/Max:
3

GEOL 490R - Energy Systems

Course Information

Teaching Area (new)
GEOL

Course Number
490R

Teaching Area
GEOL

Course Title
Energy Systems

Course Description
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Fee
Variable

Note
Fee.

GEOL 490R - Planetary Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
490R

Teaching Area
GEOL

Course Title
Planetary Seminar

Course Description
Short, undergraduate-level courses and extended field trips offered on an irregular basis.The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Fee.

GEOL 491R - Geology Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
491R

Teaching Area
GEOL

Course Title
Geology Seminar

Course Description
Seminar on various geologic topics by guest speakers.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Broad Geological Knowledge

Tags
204596, 1

Learning Outcome
Demonstrate familiarity with diverse topics in geological sciences addressed by a series of seminar speakers.

Title
Meet Leading Geoscientists

Tags
204597, 2

Learning Outcome
Interact with geoscientists that have specialized in disciplines of interests of like-minded students.

GEOL 492R - Career Pathways Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
492R

Teaching Area
GEOL

Course Title
Career Pathways Seminar

Course Description
Seminar on graduate school and career opportunities by guest speakers.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geology 492R - Career Pathways Seminar

Tags
204789, 1

Learning Outcome
LEARNING OUTCOMES:

Students will become familiar with career options in various sub disciplines within the geological sciences.
Students will learn and be exposed to networking skills for career opportunities.
Students will attend 70 % of the seminars offered this semester and write a one page summary of the topic discussed at each seminar attended.

GEOL 497R - Geological Research

Course Information

Teaching Area (new)
GEOL

Course Number
497R

Teaching Area
GEOL

Course Title
Geological Research

Course Description
Conducting original research under faculty supervision. Project must be approved before registration or starting project.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Other Prerequisites
Supervisor's consent

Learning Outcomes

Title
Research Experience

Tags
204703, 0

Learning Outcome
Learn research methods and techniques through faculty mentored research.

GEOL 500 - (Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
GEOL

Course Number
500

Teaching Area
GEOL

Course Title
(Geol-Chem-C S-Math-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

GEOL 502 - Job Search Strategies

Course Information

Teaching Area (new)
GEOL

Course Number
502

Teaching Area
GEOL

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

GEOL 504R - Global Geology Field Studies

Course Information

Teaching Area (new)
GEOL

Course Number
504R

Teaching Area
GEOL

Course Title
Global Geology Field Studies

Course Description
In-depth study of classic geologic localities, such as Hawaii, the Bahamas, and the Appalachians, preliminary to on-site field study.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Any senior-level geology course; instructor's consent.

Learning Outcomes

Title
GEOL 504R - Global Geology Field Studies

Tags
204792, 1

Learning Outcome
Course Learning Outcomes

Students will apply their understanding of geologic principles in unique and specific settings found across the Earth.
Students will learn how to carry out field studies in their type locale.
Students will acquire an understanding of, and interact with people of, different cultures, political conditions and geography in the setting of geologic studies unique to those regions in the world.

GEOL 506 - Paleoclimatology

Course Information

Teaching Area (new)
GEOL

Course Number
506

Teaching Area
GEOL

Course Title
Paleoclimatology

Course Description
This course explores Earth’s climate history. We explore how climate, the lithosphere, and the biosphere impact one another, review the methods used to reconstruct paleoclimate conditions, and apply these tools to new research questions.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Explain Earth's temperature budget

Learning Outcome
Explain the basic mechanisms that move heat and moisture across Earth’s surface and regulate the surface temperature of the planet.

Title
Explain Earth's climate system

Learning Outcome
Explain how the three main earth systems (atmosphere, ocean, tectonic) affect and regulate the Earth’s climate, and describe the characteristic processes and timescales of climate change associated with each system.

Title
Describe Earth's climate history

Learning Outcome
Identify the key changes and events that have shaped the Earth’s climate system over the past 4.6 billion years and produce a scientific poster that provides a detailed overview of one of the major climate events of the Late Proterozoic and Phanerozoic.

Title
Describe impact of paleoclimate processes on their thesis research

Learning Outcome
Explain at a technical level what key climate processes and paleoclimate events are relevant to their thesis research.

Title
Identify appropriate paleoclimate tools for their research

Learning Outcome
Select appropriate paleoclimate tools or methods to apply to their graduate research

Title
Use paleoclimate tools to further their research

Learning Outcome
Effectively employ the selected paleoclimate tool(s) to their graduate research.

GEOL 521 - Borehole Geophysics and Geology

Course Information

Teaching Area (new)
GEOL

Course Number
521

Teaching Area
GEOL

Course Title
Borehole Geophysics and Geology

Course Description
Applied well log analysis, including conventional and new techniques. Subsurface geology and lithology determined from many logs. Determining porosity, permeability, and fluid saturation with hydrology, and hydrocarbon applications.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Recommended
Phscs 105, 106, Geol 351, 370; or equivalents

Learning Outcomes

Title
Learning Outcome 2

Tags
204637, 1

Learning Outcome
Be able to interpret the results of well-logging operations.

Title
Learning Outcome 3

Tags
204716, 2

Learning Outcome
Have real-world experiences in classroom and outdoor “lab” settings that will mimic a professional environment.

Title
Learning Outcome 1

Tags
204729, 0

Learning Outcome
Understand the theoretical basis of well-logging tools that recover information about subsurface rocks and their fluids.

GEOL 525 - Petroleum Systems Analysis

Course Information

Teaching Area (new)
GEOL

Course Number
525

Teaching Area
GEOL

Course Title
Petroleum Systems Analysis

Course Description
Properties of petroleum; exploration methods; generation and migration of hydrocarbons, reservoirs, traps, and seals; sedimentary basin classification; energy resources. Extended field trip required.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Geol 370 or equivalent

Learning Outcomes

Title
Ingredients of a Petroleum Sysytem

Tags
204651, 0

Learning Outcome
Understand the 5 critical ingredients of any petroleum accumulation. Understand to a basic level how these 5 criteria are risked in an economicic evaluation of any proposed well. Understand the dynamics and interconnectivity of a petroleum system.

Title
Resource Categorization

Tags
204668, 1

Learning Outcome
Understand the variety of conventional and non-conventional resource plays. Understand some of the technologies required to produce these resources.

Title
Term Presentation

Tags
204704, 2

Learning Outcome
Investigate and present to peers the hydrocarbon system of a significant petroleum field or play.

Title
Sedimentary Basin Classification

Tags
204712, 3

Learning Outcome
Understand sedimentary basin types as dictated by their tectonic setting. Under, to a basic level, the hydrocarbon potential of these various basins and the variables that determine their potential or lack of potential. Understand the importance of looking for the exception to the rule.

GEOL 530 - Advanced Earth Data Visualization

Course Information

Teaching Area (new)
GEOL

Course Number
530

Teaching Area
GEOL

Course Title
Advanced Earth Data Visualization

Course Description
Analyzing data to create a variety of student-selected geological illustrations emphasizing maps and cross-sections.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent; graduate status

Learning Outcomes

Title
Scientific Writing

Tags
204653, 3

Learning Outcome
Write concise, scientific descriptions of geologic data, illustrations, and analyses.

Title
Learn Software Tools

Tags
204671, 0

Learning Outcome
Become proficient in using the leading software tools including ArcGIS, Illustrator, and MS Excel.

Title
Apply Software Tools to Geology

Tags
204684, 1

Learning Outcome
Design and create publishable geologic maps, illustrations, figures, and tables from geologic data and models.

Title
Quantitative Analysis

Tags
204715, 2

Learning Outcome
Analyze geologic data through basic statistical techniques and simple numerical models.

GEOL 531 - Geoscience Data Analysis

Course Information

Teaching Area (new)
GEOL

Course Number
531

Teaching Area
GEOL

Course Title
Geoscience Data Analysis

Course Description
Basic scientific computing skills in Python, and application of statistical and numerical modeling techniques to geoscientific problems.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Stat 121 or equivalent.

Learning Outcomes

Title
Python proficiency

Learning Outcome
Students will demonstrate basic proficiency at computer programming in the Python language.

Title
Visualizing and analyzing data

Learning Outcome
Students will demonstrate the ability to use Python for visualizing and analyzing univariate, bivariate, and multivariate geoscientific data, and to interpret the results.

Title
Machine learning proficiency

Learning Outcome
Students will demonstrate proficiency in using basic machine-learning techniques for classification and regression problems.

GEOL 535 - Contaminant Hydrogeology

Course Information

Teaching Area (new)
GEOL

Course Number
535

Teaching Area
GEOL

Course Title
Contaminant Hydrogeology

Course Description
Principles, tools, and applications used to solve heavy metal, organic, and radionuclide groundwater contamination problems. Topics include regulations, mass transport, multiphase flow, transformation, retardation, and attenuation.

Department
Geological Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geology 435 or equivalent

Learning Outcomes

Title
Fundamentals of Fate and Transport

Tags
204603, 1

Learning Outcome
1. Learn the fundamental processes by which contaminants are transported in groundwater, including: diffusion, advection, and dispersion.
2. Understand process that delay or limit contaminant transport, including: sorption, reaction, decay (chemical and radioactive), and colloid transport.
3. Learn the fundamentals of tranport in the vadose zone, as well as multiphase flow.
4. Appreciate the processes involved in the transport of inorganic (including radionuclides) and organic compounds.
5. Understand the fundamental principles of ground water monitoring, site characterization, and remediation, including the major federal laws that govern such actions.

GEOL 540 - Principles of Glaciology

Course Information

Teaching Area (new)
GEOL

Course Number
540

Teaching Area
GEOL

Course Title
Principles of Glaciology

Course Description
Geophysical problems involving ice in the environment and its role in global change. Topics include atmospheric ice, snow pack, glaciers, ice sheets, sea ice, permafrost, and ice age theories.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Applied Physics and Chemistry

Tags
204626, 1

Learning Outcome
Apply principles of physics and chemistry to quantify the formation of ice in the environment, mass and energy budgets of cryospheric components, dynamics of large ice masses, and the processes and rates of landscape evolution that result from ice dynamics.

Title
Fundamentals

Tags
204685, 0

Learning Outcome
Describe the components of the cryosphere, their geographical extent, and their physical and chemical properties.

Title
Relevance

Tags
204719, 2

Learning Outcome
Evaluate the role of the cryospheric components in global environmental change and discuss the importance of cryospheric change on society.

Title
Scientific Inquiry, Writing, and Oral Presentation

Tags
204725, 4

Learning Outcome
Demonstrate the ability to work in teams to collect and analyze glaciological data, incorporate it into an original, high quality research poster on a student-chosen topic of significance, and present the research and results orally in a poster session.

Title
Quantitative Analysis

Tags
204743, 3

Learning Outcome
Demonstrate the ability to quantify cryospheric formation, dynamics, sensitivities, and interactions through rigorous numerical problem sets and laboratory exercises.

GEOL 545 - Isotope Geochemistry-High Temperature Applications

Course Information

Teaching Area (new)
GEOL

Course Number
545

Teaching Area
GEOL

Course Title
Isotope Geochemistry-High Temperature Applications

Course Description
Use of stable and radioactive isotope systematics in geochronology in investigation of the origins of igneous and metamorphic rocks and in the study of tectonics.

Department
Geological Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geol 352 or equivalent.

Learning Outcomes

Title
Evaluation of Multi-Component Systems

Tags
204648, 2

Learning Outcome
1. Learn the fundamentals of mixing, or mixing and assimilation combined with fractionation when confronted with isotope ratios of two systems, or isotope ratios and elemental abundances.

Title
Geochronology and Thermochronology

Tags
204686, 3

Learning Outcome
1. Review some of the most commonly applied (and state-of-the-art) geochronometers, including: 40Ar/39Ar, U-series, 14C, 3H, and 210Pb. Emphasis changes from semester to semester based on the research goals of enrolled graduate students

Title
Evolution of Radiogenic Nuclides in the Earth and Solar Syst

Tags
204705, 1

Learning Outcome
1. Understand the relationship between chemical fractionation and the evolution of isotope ratios in the Rb/Sr, Sm/Nd, and U/Pb systems. By ANALOGY, students will be prepared to understand Re/Os, Lu/Hf, K/Ca, etc should the need arise.2. Understand the isotopic evolution of these systems in the solar system, bulk earth, rock bodies, and individual minerals.3. Appreciate how these systems can be employed as geochronometers, and perhaps more importantly, as tracers of earth processes in the crust and mantle.

Title
Light Stable Isotopes

Tags
204708, 4

Learning Outcome
Understand the fundamental processes that lead to isotopic fractionation among the light stable isotopes, including:1. Temperature-dependent equilibrium processes.2. Kinetic fractionations.3. Distillation.4. Biological fractionation in plants, animals, and microorganisms. Conduct a survey of the major applications of C, N, O, H, and S isotopes in geologic, hydrologic, and climate studies.

Title
Seminar Days

Tags
204714, 5

Learning Outcome
On selected class periods throughout the semester, individual class members present, and all class members read, scientific papers that highlight the application of one or more isotope systems that have been discussed. This enables students to:1. Learn how others have applied isotopic methods to understand how processes occur in nature.2. Deepen their understanding of the principles discussed in class.3. Learn to critically read, discuss, and present the findings of others.

Title
Isotope Fundamentals

Tags
204735, 0

Learning Outcome
1. Appreciate the structure of nuclides as the relate to radio-, radiogenic, and light stable isotopes.2. Learn to use the chart of the nuclides.3. Learn mechanisms and fundamental equations governing decay and ingrowth of nuclides.

GEOL 546 - Isotope Geochemistry-Low Temperature Applications

Course Information

Teaching Area (new)
GEOL

Course Number
546

Teaching Area
GEOL

Course Title
Isotope Geochemistry-Low Temperature Applications

Course Description
Use of stable, radioactive, and radiogenic isotope systematics in geochronology and in investigation of the origins of fluid, sediment, and organic matters in low temperature settings.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Other Prerequisites
Geol 445 or equivalent.

Recommended
Geol 435

Learning Outcomes

Title
Real-World Problem Solving

Tags
204710, 0

Learning Outcome
Students will design, implement, and report on a geochemical investigation.

Title
Scientific Writing

Tags
204747, 1

Learning Outcome
Students will write a competently organized and executed scientific report.

GEOL 550 - Environmental Soil Chemistry

Course Information

Teaching Area (new)
GEOL

Course Number
550

Teaching Area
GEOL

Course Title
Environmental Soil Chemistry

Course Description
Chemistry of soil systems at macroscopic and microscopic scales, examined from the perspective of scientists interested in environmental assessment and remediation.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Chem 105, 106, 107; or equivalents

Learning Outcomes

Title
Environmental Impact

Tags
204666, 3

Learning Outcome
Students will demonstrate knowledge of environmental impacts of soil contamination, and associated remediation strategies.

Title
Scientific Writing

Tags
204693, 0

Learning Outcome
Students will competently organize and write a scientific report.

Title
Knowledge of Soil Chemistry

Tags
204700, 2

Learning Outcome
Students will demonstrate familiarity with the identity and behavior of the main chemical species that control soil-chemical conditions.

Title
Chemistry Fundamentals

Tags
204741, 1

Learning Outcome
Students will demonstrate the ability to apply fundamental chemical principles (equilibrium, kinetics, redox) to soil systems.

GEOL 551 - Advanced Mineralogy

Course Information

Teaching Area (new)
GEOL

Course Number
551

Teaching Area
GEOL

Course Title
Advanced Mineralogy

Course Description
Crystallography, structure, and crystal chemistry of major silicate mineral groups.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Geol 351 or equivalent

Learning Outcomes

Title
Crystal Chemistry

Tags
204795, 1

Learning Outcome
Students will demonstrate mastery of the principles of crystal chemistry, using the concepts of atomic size, valence, and electronic structure to explain the distribution of elements in the Earth.

Title
Structural Chemistry

Tags
204796, 2

Learning Outcome
Students will be able to predict the structural characteristics of minerals based on the concepts of atomic size, valence, and electronic structure.

Title
Mathematical Crystallography

Tags
204797, 3

Learning Outcome
Students will demonstrate a basic understanding of mathematical crystallography.

Title
X-Ray Diffraction

Tags
204798, 4

Learning Outcome
Students will demonstrate a basic knowledge of Powder X-Ray Diffraction techniques and software.

GEOL 552 - Igneous Petrology

Course Information

Teaching Area (new)
GEOL

Course Number
552

Teaching Area
GEOL

Course Title
Igneous Petrology

Course Description
Origin and evolution of magmas, emphasizing trace element and isotopic compositions and intensive properties as calculated from mineral compositions.

Department
Geological Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
3

Other Prerequisites
Geol 352 or equivalent

Learning Outcomes

Title
Presentation Skills

Tags
204632, 5

Learning Outcome
Refine ability to make oral and written presentations.

Title
Petrologic Modeling

Tags
204643, 4

Learning Outcome
Develop quantitative skills using calculations in a spreadsheet to model igneous processes.

Title
Analytical Geochemistry

Tags
204664, 3

Learning Outcome
Understand the use of analytical equipment and interpretation of analytical data

Title
Minerals and Intensive Parameters

Tags
204674, 2

Learning Outcome
Explain how mineral compositions can be used to deduce intensive parameters

Title
Petrotectonics

Tags
204694, 1

Learning Outcome
Understand the link between tectonic setting and igneous rock composition.

Title
Volcanology

Tags
204754, 0

Learning Outcome
Identify the nature and causes of volcanic eruptions.

GEOL 553 - Metamorphic Petrology

Course Information

Teaching Area (new)
GEOL

Course Number
553

Teaching Area
GEOL

Course Title
Metamorphic Petrology

Course Description
Principles of metamorphism, including chemical equilibrium and thermodynamics of metamorphic reactions, geothermobarometery, origin and interpretation of zoned metamorphic minerals, pressure-temperature paths, and metamorphism of pelites, mafic, ultramafic and carbonate rocks. Additional subjects based on interest of the students.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEOL 352 - Petrology

Learning Outcomes

Title
Metamorphic Petrology

Tags
204785, 1

Learning Outcome
Understand the relationships between tectonic settings and metamorphic facies.
Demonstrate an understanding of the thermodynamics of metamorphic reactions.
Understand how mineral zoning can be used to interpret changing metamophric conditions.
Understand the use of analytical equipment and interpretation of analytical data.
Develope the quantitiative skills using thermobarometic calculations to determine metamorphic P-T paths.

GEOL 555 - Volcanoes and Ore Deposits

Course Information

Teaching Area (new)
GEOL

Course Number
555

Teaching Area
GEOL

Course Title
Volcanoes and Ore Deposits

Course Description
Examination of the role of volcanic rocks and processes in the generation of ore deposits.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Geol 352 or equivalent.

Learning Outcomes

Title
Quantitative Skills

Tags
204770, 3

Learning Outcome
Develop quantitative skills using calculations in spreadsheets to model magmatic processes

Title
Scientific Literature

Tags
204771, 4

Learning Outcome
Refine ability to make read and understand scientific literature

Title
Volcano Types

Tags
204772, 1

Learning Outcome
Understand the major types of volcanic eruptions and volcanoes

Title
Volcanoes in the Field

Tags
204773, 2

Learning Outcome
Explain how outcrop characteristics can be used to deduce eruption processes and volcano evolution

GEOL 560 - Waveform Geophysics

Course Information

Teaching Area (new)
GEOL

Course Number
560

Teaching Area
GEOL

Course Title
Waveform Geophysics

Course Description
Principles and methods used in seismic and ground-penetrating radar (GPR) geophysics, with petroleum exploration, engineering, environmental, and hydrological applications. Includes introduction to state-of-the-art industrial software applications for data processing and visualization.

Department
Geological Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Geol 375, Phscs 105, 106; or equivalents

Learning Outcomes

Title
Learning Outcome 3

Tags
204646, 2

Learning Outcome
Enable students to comprehend how reflection data are acquired, processed, and interpreted.

Title
Learning Outcome 4

Tags
204677, 3

Learning Outcome
Process seismic reflection data acquired by USGS/ BYU using state-of-the-art tools.

Title
Learning Outcome 2

Tags
204690, 1

Learning Outcome
Provide a quantitative and theoreticalunderstanding of how the seismic method operates.

Title
Learning Outcome 1

Tags
204706, 0

Learning Outcome
Introduction tothe seismic method, especially for the reflection case.

GEOL 561 - Geophysical Field Methods

Course Information

Teaching Area (new)
GEOL

Course Number
561

Teaching Area
GEOL

Course Title
Geophysical Field Methods

Course Description
Geophysical data acquisition processing and computer-assisted interpretation, emphasizing field deployment techniques, use of commercial data processing, and visualization software.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Recommended
Geol 375, Phscs 105, 106; or equivalents

Learning Outcomes

Title
Learning Outcome 4

Tags
204639, 3

Learning Outcome
Become acquainted with basic data processing and modeling software tools.

Title
Learning Outcome 2

Tags
204656, 1

Learning Outcome
Be able to design and supervise a seismic/GPR survey.

Title
Learning Outcome 1

Tags
204658, 0

Learning Outcome
Become expert at using an exploration seismograph and ground-penetrating radar (GPR) for subsurface surveying.

Title
Learning Outcome 3

Tags
204691, 2

Learning Outcome
Have real-world experiences in mostly outdoor “lab” settings that will mimic a professional environment.

Title
Learning Outcome 4

Tags
204692, 3

Learning Outcome
Become acquainted with basic data processing and modeling software tools.

Title
Learning Outcome 3

Tags
204718, 2

Learning Outcome
Have real-world experiences in mostly outdoor “lab” settings that will mimic a professional environment.

Title
Learning Outcome 1

Tags
204726, 0

Learning Outcome
Become expert at using an exploration seismograph and ground-penetrating radar (GPR) for subsurface surveying.

Title
Learning Outcome 2

Tags
204731, 1

Learning Outcome
Be able to design and supervise a seismic/GPR survey.

GEOL 565R - Special Topics in Geology

Course Information

Teaching Area (new)
GEOL

Course Number
565R

Teaching Area
GEOL

Course Title
Special Topics in Geology

Course Description
The following topics may be offered on demand: geology for teachers, ore deposits, solid-water interface chemistry, X-ray crystallography.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Specific Competence

Tags
204640, 0

Learning Outcome
Demonstrate competence in a specific topic within the geological sciences.

GEOL 571 - Sedimentology and Ecology of Modern Carbonate Systems

Course Information

Teaching Area (new)
GEOL

Course Number
571

Teaching Area
GEOL

Course Title
Sedimentology and Ecology of Modern Carbonate Systems

Course Description
Field course in the Caribbean emphasizing factors that produce carbonate sediments. Investigation of tidal flat to off-shore barrier reef environments and Pleistocene outcrops.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Geol 370 or equivalent

Learning Outcomes

Title
Fundamentals

Tags
204774, 1

Learning Outcome
Demonstrate an understanding of the origin and meaning of carbonate sediments as contrasted with their siliciclastic counterparts by studying them in the field.

Title
Petrography

Tags
204775, 2

Learning Outcome
Be able to identify and interpret the meaning of basic carbonate grain types in modern carbonate sediment from the Bahamas and South Florida.

Title
Carbonate Sequence Stratigraphy

Tags
204776, 4

Learning Outcome
Be able to interpret the stratigraphy and facies of late Pleistocene parasequences as seen in outcrop and in subsurface GPR profiles.

Title
Diagenesis

Tags
204777, 5

Learning Outcome
Understand the diagenetic potential of modern carbonate sediments and the processes that turn them to rock as well as the effects of meteoric water on Pleistocene outcrops.

Title
Depositional Environments

Tags
204778, 3

Learning Outcome
Collect and interpret samples from a range of modern tropical carbonate depositional environments including ooid shoals, tidal flats, reefs, lagoons, tidal channels, and open shelves.

GEOL 574 - Advanced Stratigraphy

Course Information

Teaching Area (new)
GEOL

Course Number
574

Teaching Area
GEOL

Course Title
Advanced Stratigraphy

Course Description
Studying the stratigraphic record through modern methods of correlating stratal packages, emphasizing concepts of sequence and seismic stratigraphy, and utilizing methods of chronostratigraphy, biostratigraphy, lithostratigraphy, and absolute dating. Extended field trip required.

Department
Geological Sciences

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geol 370 or equivalent

Recommended
Geol 480

Learning Outcomes

Title
Demonstration and Term Presentation

Tags
204628, 2

Learning Outcome
Students will demonstrate their understanding by working through problems associated with field trips to outcrops and core repositories. A term presentation on the sequence or seismic stratigraphy of a given unit of rock is given to further demonstrate that understanding.

Title
Nature of the Stratigraphic Record

Tags
204713, 1

Learning Outcome
A basic understanding of the stratigraphic record and the stratigraphic methods that researchers use to understand Earth history through strata. These methods include biostratigraphy, lithostratigraphy, magnetostratigraphy, seismic stratigraphy, and sequence/ chronostratigraphy. The student should understand the fragmentary nature of the straigraphic record and the importance of recognizing hiatuses and unconformities.

Title
Sequence Stratigraphy

Tags
204724, 0

Learning Outcome
Understand the vocabulary and fundemental concepts of sequence stratigraphy as they apply to outcrop, core, and seismic sections. Understand how the fundementals of these concepts change when working in siliciclastic depositional systems as compared to carbonate depositional systems.

GEOL 575 - Advanced Structural Geology

Course Information

Teaching Area (new)
GEOL

Course Number
575

Teaching Area
GEOL

Course Title
Advanced Structural Geology

Course Description
In-depth discussions of a variety of topics in structural geology, emphasizing current literature and problems.

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
Geol 375, 410; or equivalents

Learning Outcomes

Title
detailed analysis of various types of structual and tectonic

Tags
204652, 0

Learning Outcome
1. Use primarily the scientific literature to discover various deformational features and mechanisms at a variety of spatial and temporal scales2. Use analog and numerical models to investigate how rocks and regions deform

GEOL 576 - Geophysical Data Processing-Modeling and Subsurface Imaging

Course Information

Teaching Area (new)
GEOL

Course Number
576

Teaching Area
GEOL

Course Title
Geophysical Data Processing-Modeling and Subsurface Imaging

Course Description
Introduction to seismic and ground-penetrating radar data processing and modeling for subsurface imaging. Includes use of state-of-the-art industrial software, relevant to petroleum exploration and environmental assessment (e.g., geological hazards).

Department
Geological Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
None

Recommended
Geol 476 or Geol 560 or equivalent

GEOL 580 - Principles of Paleontology

Course Information

Teaching Area (new)
GEOL

Course Number
580

Teaching Area
GEOL

Course Title
Principles of Paleontology

Course Description
Modern approaches to fossil study applied to areas of evolution, paleoecology, and biostratigraphy.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Geol 480 or equivalent

Learning Outcomes

Title
Fundamentals

Tags
204779, 1

Learning Outcome
Demonstrate understanding of advanced concepts in paleontology, such as biostratigraphy, paleoecology, evolution, and taxonomy with respect to specific fossil taxa.

Title
Nature of the Fossil Record-Taphonomy

Tags
204780, 2

Learning Outcome
Be able to recognize the influence of physical and biological processes on fossils and be able to interpret a fossil's post-depositional history.

Title
Taxonomy and Morphology

Tags
204781, 3

Learning Outcome
Be able to recognize and identify key fossil groups down to the genus and species level.

Title
Use of Fossils

Tags
204782, 4

Learning Outcome
Be able to accurately determine the age, depositional setting, and diagenesis of sedimentary strata based upon fossil content and preservation.

Title
Collections

Tags
204783, 5

Learning Outcome
Become familiar with techniques use by specialists in collecting, preparing, and curating a range of fossil taxa.

GEOL 586 - Vertebrate Paleontology

Course Information

Teaching Area (new)
GEOL

Course Number
586

Teaching Area
GEOL

Course Title
Vertebrate Paleontology

Course Description
Paleobiology, osteology, and phylogeny of the vertebrates. Field trips required. Lab studies.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Evolution of Vertebrate Paleontology

Tags
204649, 0

Learning Outcome
Demonstrate your understanding of how science works by writing a four page history of paleontological methodologies, including contributions of significant scientists, and how the methods evolved from the early 1800’s to present.

Title
The Leg Bone is Connected to the....

Tags
204663, 2

Learning Outcome
Be able to identify (1) the bones in an amniote skeleton, and(2) the major histologic components of bone.

Title
Field & Museum Methods

Tags
204673, 4

Learning Outcome
Be able to locate, collect, document, and interpret fossils in the field and curate specimens once in a repository with a level of competence equal to that of an entry-level field technician.

Title
The Vertebrate Tree

Tags
204678, 3

Learning Outcome
(1) Understand core principles of phylogenetic systematics, (2) be able to interpret and construct cladograms, and (3), be able to explain to a peer the derived diagnostic osteologic characters for major vertebrate clades, (i.e., Craniata, Tetrapoda, Amniota, Sauropsida, Diapsida, and so on).

Title
Relationship between Plate Tectonics and Evolution

Tags
204722, 5

Learning Outcome
Be able to explain to a biology graduate the impact of plate tectonics on biodiversity though deep time using examples from the fossil record and extant mammals.

Title
Until death do us part - Taphonomy

Tags
204739, 1

Learning Outcome
Understand (1) the goals of taphonomy, (2) the basics elements of how to conduct a taphonomic analysis of a vertebrate site, and (3) the process of perminerization.

Title
Science and Religion

Tags
204753, 6

Learning Outcome
Be able participate in meaningful discussions on the relationships of science and religion.

GEOL 590R - Topics in Geology

Course Information

Teaching Area (new)
GEOL

Course Number
590R

Teaching Area
GEOL

Course Title
Topics in Geology

Course Description
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Advanced Sedimentology; Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Fee
Variable

Note
Fee.

GEOL 590R - Advanced Sedimentology

Course Information

Teaching Area (new)
GEOL

Course Number
590R

Teaching Area
GEOL

Course Title
Advanced Sedimentology

Course Description
Sedimentology and depositional processes of clastic systems. Focus on different major depositional settings, with classroom discussion based on current research papers. Inputs/outputs of sedimentary systems, the processes involved in the erosion/deposition/transport of sediment, preservation potential and resulting bedforms derived from depositional processes, and interpretation of paleoenvironmental conditions based on preserved strata. Focus on the ancient rock record, modern analogs, and to a lesser extent process-based computer modeling as three different ways to build a more comprehensive understanding.

Department
Geological Sciences

When Taught
Winter Even Years

Credit Hours

Min:
0.5

Fixed/Max:
3

GEOL 590R - Energy Systems

Course Information

Teaching Area (new)
GEOL

Course Number
590R

Teaching Area
GEOL

Course Title
Energy Systems

Course Description
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Fee.

GEOL 590R - Exploratory Geophysics and Modeling

Course Information

Teaching Area (new)
GEOL

Course Number
590R

Teaching Area
GEOL

Course Title
Exploratory Geophysics and Modeling

Course Description
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Fee.

GEOL 590R - Planetary Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
590R

Teaching Area
GEOL

Course Title
Planetary Seminar

Course Description
Short, graduate-level courses and extended field trips offered on an irregular basis. The following topics may be offered given sufficient demand: Energy Systems; Exploratory Geophysics and Modeling; and Planetary Seminar.

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Note
Fee.

GEOL 591R - Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
591R

Teaching Area
GEOL

Course Title
Seminar

Course Description
Seminar on various geologic topics by guest speakers.

Department
Geological Sciences

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Total of 1 credit hour required.

Learning Outcomes

Title
Broad Geological Knowledge

Tags
204630, 0

Learning Outcome
Demonstrate familiarity with diverse topics in geological sciences addressed by a series of seminar speakers.

GEOL 592R - Career Pathways Seminar

Course Information

Teaching Area (new)
GEOL

Course Number
592R

Teaching Area
GEOL

Course Title
Career Pathways Seminar

Course Description
Seminar on graduate school and career opportunities by guest speakers.

Department
Geological Sciences

When Taught
Fall Even Years

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geology 592R - Career Pathways Seminar

Tags
204790, 1

Learning Outcome
LEARNING OUTCOMES:

Students will become familiar with career options in various sub disciplines within the geological sciences.
Students will learn and be exposed to networking skills for career opportunities.
Students will attend 70 % of the seminars offered this semester and write a one page summary of the topic discussed at each seminar attended.

GEOL 599R - Academic Internship

Course Information

Teaching Area (new)
GEOL

Course Number
599R

Teaching Area
GEOL

Course Title
Academic Internship

Department
Geological Sciences

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
GEOL 599R - Geology Academic Internship

Tags
204791, 0

Learning Outcome
Course Learning Outcomes

The students will reflect on and process internship experiences.
The students will utilize a significant range of skills and abilities in a professional setting
The students will put into practice the knowledge and theories they have learned in university courses in a real-world work experience.

GEORG 100 - Language Study: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
100

Teaching Area
GEORG

Course Title
Language Study: Georgian

Course Description
Survival-level conversation, reading, listening, and culture skills in Georgian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195668, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195670, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195671, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

GEORG 101 - First-Year Language Study: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
101

Teaching Area
GEORG

Course Title
First-Year Language Study: Georgian

Course Description
Beginning speaking, listening, reading, and writing skills in Georgian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195672, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195674, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195676, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195678, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GEORG 102 - First-Year Language Study: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
102

Teaching Area
GEORG

Course Title
First-Year Language Study: Georgian

Course Description
Second-semester speaking, listening, reading, and writing skills in Georgian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEORG 101 - First-Year Language Study: Georgian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195683, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195685, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195688, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195689, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GEORG 201 - Second-Year Language Study: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
201

Teaching Area
GEORG

Course Title
Second-Year Language Study: Georgian

Course Description
Intermediate speaking, listening, reading, and writing skills in Georgian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEORG 102 - First-Year Language Study: Georgian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195705, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195708, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195709, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195713, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

GEORG 202 - Second-Year Language Study: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
202

Teaching Area
GEORG

Course Title
Second-Year Language Study: Georgian

Course Description
Continued emphasis on Georgian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEORG 201 - Second-Year Language Study: Georgian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195716, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195717, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195718, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195720, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GEORG 305 - Language Skills Development: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
305

Teaching Area
GEORG

Course Title
Language Skills Development: Georgian

Course Description
Increasing proficiency in one or more of the following Georgian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195721, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195723, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195724, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

GEORG 321 - Advanced Grammar: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
321

Teaching Area
GEORG

Course Title
Advanced Grammar: Georgian

Course Description
Advance your Georgian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195728, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195729, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195731, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
330

Teaching Area
GEORG

Course Title
Advanced Language Proficiency Through Cultural Studies: Georgian

Course Description
Study of Georgian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Georg 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195896, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195897, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195898, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195899, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GEORG 340 - Introduction to Literature: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
340

Teaching Area
GEORG

Course Title
Introduction to Literature: Georgian

Course Description
Explore Georgian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195900, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195901, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195902, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195903, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

GEORG 350 - Advanced Language Study for Career Purposes: Georgian

Course Information

Teaching Area (new)
GEORG

Course Number
350

Teaching Area
GEORG

Course Title
Advanced Language Study for Career Purposes: Georgian

Course Description
Concentration on Georgian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GEORG 330 - Advanced Language Proficiency Through Cultural Studies: Georgian

Learning Outcomes

Title
Defined Career Purposes

Tags
195910, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195911, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195912, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195913, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195914, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

GERM 101 - First-Year German

Course Information

Teaching Area (new)
GERM

Course Number
101

Teaching Area
GERM

Course Title
First-Year German

Course Description
Listening, speaking, reading, writing, grammar, and culture.

Department
German and Russian

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Note
For those who have had no German. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Cultural Navigation

Tags
192711, 2

Learning Outcome
Students will be able to participate in spontaneous spoken and written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Interpretive Communication

Tags
192734, 5

Learning Outcome
Students will be able to identify the general topic and some basic information in both very familiar and everyday contexts from words, phrases, and simple sentences in texts that are spoken or written.

Title
Interpersonal Communication

Tags
192740, 3

Learning Outcome
Students will be able to participate in spontaneous spoken or written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Presentational Communication

Tags
192741, 1

Learning Outcome
Students will be able to share information on both very familiar and everyday topics, using avariety of practiced or memorized words, phrases, and simple sentences through spoken or written language.

GERM 102 - First-Year German

Course Information

Teaching Area (new)
GERM

Course Number
102

Teaching Area
GERM

Course Title
First-Year German

Course Description
Listening, speaking, reading, writing, grammar, and culture.

Department
German and Russian

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
C grade or better in Germ 101 or equivalent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Cultural Navigation

Tags
192719, 7

Learning Outcome
Students will be able to participate in spontaneous spoken and written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Interpretive Communication

Tags
192735, 5

Learning Outcome
Students will be able to identify the general topic and some basic information in both very familiar and everyday contexts from words, phrases, and simple sentences in texts that are spoken or written.

Title
Interpersonal Communication

Tags
192737, 1

Learning Outcome
Students will be able to participate in spontaneous spoken or written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Presentational Communication

Tags
192742, 2

Learning Outcome
Students will be able to share information on both very familiar and everyday topics, using avariety of practiced or memorized words, phrases, and simple sentences through spoken or written language.

GERM 200R - Second-Year Proficiency Tutorial

Course Information

Teaching Area (new)
GERM

Course Number
200R

Teaching Area
GERM

Course Title
Second-Year Proficiency Tutorial

Course Description
Individualized skill building in listening, speaking, reading, writing, and grammar.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Germ 102 or equivalent.

Note
For students in Germ 102, 201, and 202 who require additional tutorial assistance.

Learning Outcomes

Title
Language

Tags
192817, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge and language proficency.

GERM 201 - Second-Year German

Course Information

Teaching Area (new)
GERM

Course Number
201

Teaching Area
GERM

Course Title
Second-Year German

Course Description
Reading, writing, grammar, culture, listening, and speaking.

Department
German and Russian

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
C grade or better in Germ 102 or equivalent.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Cultural Navigation

Learning Outcome
Students will be able to compare products and practices to understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communication

Learning Outcome
Students will be able to understand the main idea and some related pieces of information on familiar topics from sentences and series of connected sentences in texts that are spoken or written.

Title
Interpersonal Communication

Learning Outcome
Students will be able to interact in spontaneous spoken or written conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

Title
Presentational Communication

Learning Outcome
Demonstrate a developing awareness of German cultural norms in a growing number of contexts within the scope of the learning experience.

GERM 202 - Second-Year German

Course Information

Teaching Area (new)
GERM

Course Number
202

Teaching Area
GERM

Course Title
Second-Year German

Course Description
Culminating course for Languages of Learning requirement emphasizing culture and literature. Continued writing, grammar, listening, and speaking.

Department
German and Russian

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
C grade or better in Germ 201 or equivalent

Note
Prerequisite to all 300- and 400-level courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Cultural Navigation

Learning Outcome
Students will be able to compare products and practices to understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communiction

Learning Outcome
Students will be able to understand the main idea and some related pieces of information on familiar topics from sentences and series of connected sentences in texts that are spoken or written.

Title
Interpersonal Communication

Learning Outcome
Students will be able to interact in spontaneous spoken or written conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

Title
Presentational Communication

Learning Outcome
Demonstrate a developing awareness of German cultural norms in a growing number of contexts within the scope of the learning experience.

GERM 211R - Intermediate Conversation

Course Information

Teaching Area (new)
GERM

Course Number
211R

Teaching Area
GERM

Course Title
Intermediate Conversation

Course Description
Intensive vocabulary building and conversation practice. Can be fulfilled through language residency program.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
5

Other Prerequisites
Germ 102 or equivalent experience

Learning Outcomes

Title
Carry Out Research

Tags
192432, 1

Learning Outcome
Students wil be able to carry out research on one aspect of Germanic linguistics and ommunicate a clear synthesis and analysis of their research in both written and oral form.

Title
Finding Sources for Research

Tags
192433, 2

Learning Outcome
Students will be able to seek sources on topics in Germanic linguistics, including journal articles, handbooks, speech recordings, etc.

Title
Annotated Bibliography

Tags
192434, 3

Learning Outcome
Students will be able to write an annotated bibliography.

Title
Data, Quotes and Citations

Tags
192435, 4

Learning Outcome
Students will be able to identify appropriate data and useful quotes that help them support their thesis and the arguments they are making. Students will be able to introduce and cite all quotes and data properly, providing adequate and correct citations for all points they are making or ideas they are drawing on from the works of other scholars.

Title
Logical Arguments

Tags
192436, 5

Learning Outcome
Students will be able to argue their points and theses effective by using logical and cohesive arguments.

Title
Reviewing One's Own Work and that of Others

Tags
192437, 6

Learning Outcome
Students will become less dependent on their professor's grades, feedback and comments to improve their work. They will develop the ability to candidly evaluate their own performance and work, providing effective peer review for the work of others, identifying both the strengths and weaknesses of papers in terms of structure, form, citations, writing to the thesis, and overall organisation. To do so, students will be able to identify the key sentences in their own work and the work of others, shaping paragraphs and sections to ensure they fit with the thesis and topic of the research paper.

Title
Using Publications as an Example for Writing Own Paper

Tags
192438, 7

Learning Outcome
Students will be able to draw upon published sources and the articles of others to use as examples of 1) how to organise their papers (including sections and paragraphs); 2) how to cite and incorporate data (including in tables) and the ideas of others; 3) compose a bibliography, 4) format their papers, and 4) correctly use the terminology and turns of phrased used in the field in question.

Title
Understanding Teacher Instructions

Tags
192779, 0

Learning Outcome
· I can show I understand the teacher's instructions by doing what is required.

Title
German Terminology

Tags
192780, 1

Learning Outcome
· I demonstrate my knowledge of the correct German terminology by role playing diverse practical settings and by discussions about related topics

Title
Conversing about Novels

Tags
192781, 2

Learning Outcome
· I demonstrate understanding of contents and interpretations of a novel by participating in conversations about them.

Title
Communicating Needs

Tags
192782, 3

Learning Outcome
· I can communicate my needs.

Title
Summarizing Reading Passages

Tags
192783, 4

Learning Outcome
· I can summarize reading passages.

Title
Explaining hard to understand Concepts

Tags
192784, 5

Learning Outcome
· I can explain hard to understand concepts to others.

Title
Synthesizing and Shareing Interpretations from Reading Passa

Tags
192785, 6

Learning Outcome
· I can synthesize and share my interpretation of reading passages in a novel.

Title
Express Views on Contemporary Issues

Tags
192786, 7

Learning Outcome
· I can express my views on contemporary issues using relevant terminology.

Title
Oral Presentations

Tags
192787, 8

Learning Outcome
· I can give an oral presentation from prepared notes.

Title
Pronouncing German Consonants

Tags
192788, 9

Learning Outcome
· I can pronounce the German consonants correctly.

Title
Pronouncing Germal Vowels

Tags
192789, 10

Learning Outcome
· I can pronounce the German vowels correctly.

Title
Stress Patterns

Tags
192790, 11

Learning Outcome
· I can apply the correct stress patterns.

Title
Fluent Speech Rate

Tags
192791, 12

Learning Outcome
· I can speak at a fluent speech rate.

Title
Correct Word Endings

Tags
192792, 13

Learning Outcome
· I can use the correct word endings (gender, case, number).

Title
Correct Word Order

Tags
192793, 14

Learning Outcome
· I can use the correct word order, also in complex phrases.

Title
Correct Verb Forms

Tags
192794, 15

Learning Outcome
· I can use the correct verb forms.

Title
Words in Correct Contexts and Correct Connotations

Tags
192795, 16

Learning Outcome
· I can use words in the right context and with the right connotations.

Title
Motivated to Learn German

Tags
192796, 17

Learning Outcome
· I am motivated to learn German and show this by giving my best each time.

Title
Language Learning Strategies

Tags
192797, 18

Learning Outcome
· I know what works best for me in achieving proficiency and I can use a variety of strategies.

Title
Using German Outside of the Classroom

Tags
192798, 19

Learning Outcome
· I find ways to use German outside the classroom.

Title
Cultural Differing Viewpoints

Tags
192799, 20

Learning Outcome
· I keep an open mind to understand cultural differing viewpoints.

Title
Autonomous Learning and Class Preparation

Tags
192800, 21

Learning Outcome
· I can learn grammar points on my own and show this by being prepared for class.

Title
Vocabulary

Tags
192801, 22

Learning Outcome
· I remember vocabulary by forming useful associations with new words and use these in oral and written communication.

GERM 217 - (Germ-Scand) German and Scandinavian Cinema

Course Information

Teaching Area (new)
GERM

Course Number
217

Teaching Area
GERM

Course Title
(Germ-Scand) German and Scandinavian Cinema

Course Description
Background for understanding and appreciating the best of motion picture art in Germany and Scandinavia.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Recommended
A first-year writing course

Note
Language of instruction is English; no knowledge of German or Scandinavian languages is required.

Learning Outcomes

Title
Becoming more Aware of Student habits of Seeing and Thinking

Tags
192809, 6

Learning Outcome
As students are confronted with the startling and strange and intriguing ways that Germans and Scandinavians represent the world, they will become more aware of their own habits of seeing and thinking. In several of their written assignments and class discussions, students will demonstrate their ability to thoughtfully reflect upon these different visual practices and to engage these different ideas into meaningful dialogue.

Title
Increasing Cultural Literacy

Tags
192810, 5

Learning Outcome
Because the course is structured around a variety of historical, theoretical, and cultural questions, students will develop and demonstrate an increased cultural literacy as they grapple with questions of ideology, identity, class, race, gender and memory in the context of the German and Scandinavian cultures and film history.

Title
Developing Intellectually Sound Interpretations

Tags
192811, 4

Learning Outcome
Students will be able to develop their own well-informed, critically provocative, and intellectually sound interpretations of different cinematic texts and be able to defend and expand these interpretations in classroom discussions and in writing assignments. A list of these specific skills can be found in the grading rubric for each of these assignments.

Title
Reading, Critiquing and Writing Formal Sequence Analyses

Tags
192812, 3

Learning Outcome
Students will be able to read, critique and write formal sequence analyses of key scenes from German and Scandinavian films.

GERM 250 - Marx, Nietzsche, Freud

Course Information

Teaching Area (new)
GERM

Course Number
250

Teaching Area
GERM

Course Title
Marx, Nietzsche, Freud

Course Description
An introduction to the ideas of Marx, Nietzsche, and Freud in historical and contemporary contexts.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GERM 300R - Third-Year Proficiency Tutorial

Course Information

Teaching Area (new)
GERM

Course Number
300R

Teaching Area
GERM

Course Title
Third-Year Proficiency Tutorial

Course Description
Individualized skill building in listening, speaking, reading, writing, and grammar.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Germ 202 or equivalent.

Note
For students in Germ 301 and higher who require additional tutorial assistance.

Learning Outcomes

Title
Langugage

Tags
192818, 1

Learning Outcome
Students will demonstrate an advanced level of language proficency.

GERM 301 - German Cultural History

Course Information

Teaching Area (new)
GERM

Course Number
301

Teaching Area
GERM

Course Title
German Cultural History

Course Description
Introduction to cultural and political history of German-speaking countries from origins through 1918. Grammar and writing instruction integrated into this course. Taught in German.

Department
German and Russian

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Germ 202 or equivalent experience as determined by the department.

Note
Entry course for returned German-speaking missionaries. Enrollment in 301 required in order to take the German challenge exam.

Learning Outcomes

Title
Language proficiency

Tags
213833, 0, 1, 2023-08-29 09:16:58

Learning Outcome
Students will speak German at the ACTFL Intermediate High level of proficiency.

Title
Cultural knowledge

Tags
213834, 0, 2, 2023-08-29 09:17:00

Learning Outcome
Students will demonstrate familiarity with major historical figures, events, movements, artworks, and ideas from German-speaking lands up to 1918.

GERM 302 - Germany in the 20th Century

Course Information

Teaching Area (new)
GERM

Course Number
302

Teaching Area
GERM

Course Title
Germany in the 20th Century

Course Description
Introduction to cultural and political history of German-speaking countries from the Weimar Republic to the fall of the Berlin Wall. Grammar and writing instruction integrated into this course. Taught in German.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- GERM 301 - German Cultural History

Learning Outcomes

Title
Language proficiency

Tags
213835, 0, 1, 2023-08-29 09:17:03

Learning Outcome
Students will write German at the ACTFL Intermediate High level of proficiency.

Title
Cultural knowledge

Tags
213836, 0, 2, 2023-08-29 09:17:05

Learning Outcome
Students will demonstrate familiarity with major historical figures, events, movements, artworks, and ideas from German-speaking lands from 1918 to 1989.

GERM 303 - Germany Today

Course Information

Teaching Area (new)
GERM

Course Number
303

Teaching Area
GERM

Course Title
Germany Today

Course Description
Introduction to cultural and political history of German-speaking countries from reunification to the present, with special focus on Germany's current political system and current events. Grammar and writing instruction integrated into this course. Taught in German.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- GERM 302 - Germany in the 20th Century

Learning Outcomes

Title
Language proficiency

Tags
213837, 0, 1, 2023-08-29 09:17:08

Learning Outcome
Students will speak and write German at the ACTFL Advanced Low level of proficiency.

Title
Cultural knowledge

Tags
213838, 0, 2, 2023-08-29 09:17:12

Learning Outcome
Students will demonstrate familiarity with political and cultural history in Germany since reunification, including current events.

GERM 311R - Advanced Conversation

Course Information

Teaching Area (new)
GERM

Course Number
311R

Teaching Area
GERM

Course Title
Advanced Conversation

Course Description
Building vocabulary and developing skills needed to exceed assessed proficiency rating.

Department
German and Russian

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
5

Other Prerequisites
Germ 211R or equivalent experience

Note
Intensive vocabulary building and conversation practice. Can be fulfilled through language residency program.

Learning Outcomes

Title
Understanding Teacher Instruction

Tags
192455, 1

Learning Outcome
I can show I understand the teacher's instructions by doing what is required.

Title
Comptemporary Issues in German

Tags
192456, 2

Learning Outcome
I demonstrate understanding of contemporary issues in German by participating in discussions about them.

Title
Contents and Interpretations of Novels

Tags
192457, 3

Learning Outcome
I demonstrate understanding of contents and interpretations of a novel by participating in conversations about them.

Title
Communicating Needs

Tags
192458, 4

Learning Outcome
I can communicate my needs.

Title
Summarizing Reading passage

Tags
192459, 5

Learning Outcome
I can summarize reading passages.

Title
Explaining Hard to Understand Concepts

Tags
192460, 6

Learning Outcome
I can explain hard to understand concepts to others.

Title
Synthesizing and Sharing Intrepretations of Reading Passages

Tags
192461, 7

Learning Outcome
I can synthesize and share my interpretation of reading passages in a novel.

Title
Contemporary Issues

Tags
192462, 8

Learning Outcome
I can express my views on contemporary issues using relevant terminology.

Title
Oral Presentations

Tags
192463, 9

Learning Outcome
I can give an oral presentation from prepared notes.

Title
Pronouncing German Consonants

Tags
192464, 10

Learning Outcome
I can pronounce the German consonants correctly.

Title
Pronouncing German Vowels

Tags
192465, 11

Learning Outcome
I can pronounce the German vowels correctly.

Title
Stress Patterns

Tags
192466, 12

Learning Outcome
I can apply the correct stress patterns.

Title
Fluent Speech Rate

Tags
192467, 13

Learning Outcome
I can speak at a fluent speech rate.

Title
Correct Word Order

Tags
192468, 15

Learning Outcome
I can use the correct word order, also in complex phrases.

Title
Using Correct verb forms.

Tags
192469, 16

Learning Outcome
I can use the correct verb forms.

Title
Using Words in Right Context and with the Right Connotations

Tags
192470, 17

Learning Outcome
I can use words in the right context and with the right connotations.

Title
Motivated to Learn German

Tags
192471, 18

Learning Outcome
I am motivated to learn German and show this by giving my best each time.

Title
Language Learning Strategies

Tags
192472, 19

Learning Outcome
I know what works best for me in achieving proficiency and I can use a variety of strategies.

Title
Using German outside of the classroom

Tags
192473, 20

Learning Outcome
I find ways to use German outside the classroom.

Title
Differing Cultural Viewpoints

Tags
192474, 21

Learning Outcome
I keep an open mind to understand cultural differing viewpoints.

Title
Autonomous Language Learning

Tags
192475, 22

Learning Outcome
I can learn grammar points on my own and show this by being prepared for class.

Title
Vocabulary

Tags
192476, 23

Learning Outcome
I remember vocabulary by forming useful associations with new words and use these in oral and written communication.

Title
Correct Word Endings

Tags
192802, 14

Learning Outcome
I can use the correct word endings (gender, case, number).

GERM 316 - Directed Research in Linguistics 1

Course Information

Teaching Area (new)
GERM

Course Number
316

Teaching Area
GERM

Course Title
Directed Research in Linguistics 1

Course Description
Introduction to mentored scholarly research in German linguistic studies. Focus on gathering and analyzing data. Continued professional skills development.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Research

Tags
192819, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

GERM 340 - Writing About Literature

Course Information

Teaching Area (new)
GERM

Course Number
340

Teaching Area
GERM

Course Title
Writing About Literature

Course Description
Methods of literary interpretation. Reading, writing, and research skills integral to the literary analysis expected in German major courses. Taught in German or English, depending on instructor.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fills GE Advanced Written and Oral Communication requirement.

Learning Outcomes

Title
Articulating Interpretive Ideas

Tags
192478, 1

Learning Outcome
Articulate their interpretive ideas in class discussions, written assignments and class presentations. (Class discussions, homework, presentations)

Title
Library and Online Research

Tags
192479, 6

Learning Outcome
Conduct serious library and online research and build a correct bibliography on the topic of their seminar paper. (Homework, final paper)

Title
Seminar Paper

Tags
192480, 9

Learning Outcome
Write an original, significant, persuasive seminar paper which interprets some aspect of a text from the class readings, and which is presented in correct MLA format. (Homework, final paper)

Title
Analyzing Theoretical and Literary Texts

Tags
192485, 3

Learning Outcome
Deeply analyze theoretical and literary texts of varying genres, critically asking questions of the texts in order to produce their own individual interpretation. (Homework, class discussions, final paper)

GERM 343 - Introduction to German Literature

Course Information

Teaching Area (new)
GERM

Course Number
343

Teaching Area
GERM

Course Title
Introduction to German Literature

Course Description
Close reading of texts; examining various critical theories and their application to German prose, drama, poetry, and film. Preparation for 440R - 445R sequence. Includes International Cinema.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
German 303

Learning Outcomes

Title
Literary historical knowledge

Learning Outcome
Demonstrate familiarity with select German authors and their cultural context.

Title
Literary-analytical skills

Learning Outcome
Understand and demonstrate how to analyze literature using a range of techniques and literary-theoretical approaches.

GERM 344 - Introduction to German Linguistics and Phonetics

Course Information

Teaching Area (new)
GERM

Course Number
344

Teaching Area
GERM

Course Title
Introduction to German Linguistics and Phonetics

Course Description
This course serves as an introduction to German linguistics classes by examining German phonetics and pronunciation. Perfecting listening and speaking skills through applying phonetics and acoustic analysis; practicing speaking and listening.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Germ 330

Learning Outcomes

Title
Principles of Phonetics

Tags
213841, 0, 1, 2023-08-29 09:17:34

Learning Outcome
Understand and be able to describe the general principles of phonetics, e.g., what the difference is between stops, fricatives, nasals, how voicing is produced, the parts of the articulatory tract, etc.;

Title
German Phonetic and Phonemic Systems

Tags
213842, 0, 2, 2023-08-29 09:17:35

Learning Outcome
be able to describe the German phonetic and phonemic system and how it differs from the native language (i.e., English) and be able to provide the names of each of the sounds in both English and German;

Title
Pronunciation Refinement

Tags
213843, 0, 3, 2023-08-29 09:17:36

Learning Outcome
have eliminated phonemic errors (wrong sounds) and further refined their own pronunciation (reducing or eliminating foreign accent);

Title
International Phonetic Alphabet

Tags
213844, 0, 4, 2023-08-29 09:17:38

Learning Outcome
be able to use IPA (International Phonetic Alphabet) to transcribe the German language;

Title
Articulation of German Phonemes and Allophones

Tags
213845, 0, 5, 2023-08-29 09:17:41

Learning Outcome
be able to describe the articulation of the German phonemes and allophones;

Title
Evaluating and Improving Pronunciation

Tags
213846, 0, 6, 2023-08-29 09:17:45

Learning Outcome
be able to employ the tools learned in class to both evaluate and improve their own pronunciation of German as well as the pronunciation of others (including but not limited to articulatory explanations, rudimentary acoustic analysis, etc.);

Title
Improving General Proficiency

Tags
213847, 0, 7, 2023-08-29 09:17:46

Learning Outcome
have taken the opportunity to improve their general proficiency, including grammar, vocabulary, cultural knowledge and functional ability;

Title
Describing and Evaluating Variation in Spoken German

Tags
213848, 0, 8, 2023-08-29 09:17:49

Learning Outcome
be able to describe and evaluate variation in spoken German by both native and non-native speakers.

GERM 345R - Field Studies in German

Course Information

Teaching Area (new)
GERM

Course Number
345R

Teaching Area
GERM

Course Title
Field Studies in German

Course Description
Field studies to help develop mastery of study abroad specific skills such as research data gathering, ethnographic observation, interviews, as well as intensive understanding of art and architectural history, drama and musical performances, investigations of cultural differences, etc.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Study abroad, internship, or direct enrollment only.

Recommended
Germ 102

Learning Outcomes

Title
knowledge

Tags
192820, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

GERM 346 - Art and Architecture in German-Speaking Europe

Course Information

Teaching Area (new)
GERM

Course Number
346

Teaching Area
GERM

Course Title
Art and Architecture in German-Speaking Europe

Course Description
Familiarizing students with the historical styles and the tools of analysis necessary for experiencing the art and architecture of German-speaking Europe. Students will visit churches, museums, palaces, and other important cultural sites.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered on Study Abroad only.

GERM 377 - Methods in Teaching German

Course Information

Teaching Area (new)
GERM

Course Number
377

Teaching Area
GERM

Course Title
Methods in Teaching German

Course Description
Developing meaningful and engaging instruction for secondary students in German; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Germ 303, 344, FLang 276 for teaching majors and minors

Learning Outcomes

Title
Expected Learning Outcomes:

Tags
192834, 1

Learning Outcome

Demonstrate an understanding of current theories of second language acquisition research.
Design unit and daily lesson plans in alignment with the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.
Create lesson segments that reflect theory and practice.
Design performance-based assessments.
Use technology as a tool for professional development and to promote student learning.
Develop the ability to reflect on their teaching, student learning and to make changes as warranted.
Be an active professional participant in the field of language teaching.

GERM 378 - Practicum in Teaching German

Course Information

Teaching Area (new)
GERM

Course Number
378

Teaching Area
GERM

Course Title
Practicum in Teaching German

Course Description
Implementing meaningful and engaging instruction for secondary students in German; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
concurrent enrollment in Germ 377

Learning Outcomes

Title
Learning Outcomes

Tags
192835, 1

Learning Outcome

Recognize effective strategies of foreign language teaching.
Demonstrate how to design lesson plans based on the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.
Demonstrate how to teach effective lessons based on the World-readiness Standards for Learning Languages and ACTFL Proficiency Guidelines.

GERM 399R - Academic Internship: German Work

Course Information

Teaching Area (new)
GERM

Course Number
399R

Teaching Area
GERM

Course Title
Academic Internship: German Work

Course Description
On-the-job ten-week summer language experience in German-speaking countries. Report required.

Department
German and Russian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Note
NOTE: An approved Internship Application is required before adding.

Learning Outcomes

Title
Increasing knowledge of technical language

Tags
192502, 2

Learning Outcome
Students will be able to provide a list of work-specific vocabulary and technical terms that they learned over the course of their internships.

Title
Awareness of increased competitiveness

Tags
192503, 5

Learning Outcome
Students will be able to articulate specific ways that their internship has made them more competitive in the employment market including experience, improved language skills, specific job skills, networking opportunities, etc.

Title
Cultural differences

Tags
192504, 9

Learning Outcome
Students will be able to list specific differences between American workplace culture and the work ethic, practices and ideas they learned in a German-language working environment.

Title
Work-related skills

Tags
192733, 1

Learning Outcome
In their final reports and interviews, students who have completed German 399R will be able to demonstrate the following:Students will be able to identify a list of five work-related skills that they learned during their internship experience.

Title
Certifications and endorsements

Tags
192774, 6

Learning Outcome
Students will be able to explain and contextualize thelanguage certifications, endorsements and course completion documents that they have received from their host institutions.

GERM 400R - Fourth-Year Proficiency Tutorial

Course Information

Teaching Area (new)
GERM

Course Number
400R

Teaching Area
GERM

Course Title
Fourth-Year Proficiency Tutorial

Course Description
Individualized skill building in listening, speaking, reading, writing, and grammar. Completed senior portfolio reviewed, final proficiency exam administered.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Polishing and Improving German Language Skills

Tags
192505, 1

Learning Outcome
1. Under the direction of the instructor, prepared students will define areas of language competency in which they are weak and will work at their own pace to polish and improve these German language skills.
2. Under the direction of the instructor, graduating students will prepare for the Senior Proficiency Exam by defining areas of language competency in which they are weak and working at their own pace to polish and improve these German language skills.
3. As part of the course requirements, graduating students will complete all parts of the Senior Proficiency Exam (vocabulary, reading, listening comprehension, grammar, strong verbs, OPI and WPT)
4. As part of the course requirements, graduating students will complete their student portfolios and submit them.

GERM 410R - German Proficiency Workshop 1

Course Information

Teaching Area (new)
GERM

Course Number
410R

Teaching Area
GERM

Course Title
German Proficiency Workshop 1

Course Description
A proficiency-based language course in which fourth-year students at the intermediate level of German can improve speaking, listening, reading, and writing skills building to the advanced level.

Department
German and Russian

When Taught
Spring Term

Credit Hours

Min:
1

Fixed/Max:
3

Recommended
Germ 302 or equivalent

GERM 412R - German Proficiency Workshop 2

Course Information

Teaching Area (new)
GERM

Course Number
412R

Teaching Area
GERM

Course Title
German Proficiency Workshop 2

Course Description
A proficiency-based language course in which fourth-year students at the advanced level can improve speaking, listening, reading, and writing skills building to the superior level.

Department
German and Russian

When Taught
Spring Term

Credit Hours

Min:
1

Fixed/Max:
3

Recommended
Germ 303 or equivalent

GERM 416 - Directed Research in Linguistics 2

Course Information

Teaching Area (new)
GERM

Course Number
416

Teaching Area
GERM

Course Title
Directed Research in Linguistics 2

Course Description
Introduction to mentored scholarly research in German linguistic studies. Focus on conducting linguistic research and writing about the results of linguistic studies. Continued professional development skills.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Research

Tags
192822, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area and conduct research in that area.

GERM 430 - Women's Studies Seminar

Course Information

Teaching Area (new)
GERM

Course Number
430

Teaching Area
GERM

Course Title
Women's Studies Seminar

Course Description
Exploration and discussion of works created by women and of other texts that participate in discourses of gender. Training in different types of research methodology, including archival work and text recovery. Completion of a research paper that combines original research and review of pertinent secondary sources.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GERM 440R - Topics in German Literature, Film and Culture

Course Information

Teaching Area (new)
GERM

Course Number
440R

Teaching Area
GERM

Course Title
Topics in German Literature, Film and Culture

Course Description
In-depth study of a period, movement, theme, or author in German literature, film, or culture.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Germ 343

Learning Outcomes

Title
Cultural Literacy

Tags
213849, 0, 1, 2023-08-29 09:18:06

Learning Outcome
Students will demonstrate knowledge, comprehension, and appreciation of the period, movement, theme, author, or interdisciplinary topic studied in the course. Culture, literature, linguistics, and history of German-speaking countries.

Title
Critical Engagement

Tags
213850, 0, 2, 2023-08-29 09:18:08

Learning Outcome
Students will communicate effectively in speech and writing about the subject matter of the course. Their presentations and writing will demonstrate critical thinking, coherent development and organization of ideas, thoughtful analysis, and the ability to connect their ideas to those of relevant scholars and thinkers.

GERM 441R - Topics in German Literature, Film and Culture (taught in English)

Course Information

Course Number
441R

Teaching Area
GERM

Course Title
Topics in German Literature, Film and Culture (taught in English)

Course Description
In-depth study of a period, movement, theme, or author in German literature, film, or culture. Instructional language is English.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Note
This course is directly equivalent to GERM 440R, but taught in English.

Learning Outcomes

Title
Cultural Literacy

Tags
213851, 0, 1, 2023-08-29 09:18:12

Learning Outcome
Students will demonstrate knowledge, comprehension, and appreciation of the period, movement, theme, author, or interdisciplinary topic studied in the course.

Title
Critical Engagement

Tags
213852, 0, 2, 2023-08-29 09:18:21

Learning Outcome
Students will communicate effectively in speech and writing about the subject matter of the course. Their presentations and writing will demonstrate critical thinking, coherent development and organization of ideas, thoughtful analysis, and the ability to connect their ideas to those of relevant scholars and thinkers.

GERM 450 - History of the German Language

Course Information

Teaching Area (new)
GERM

Course Number
450

Teaching Area
GERM

Course Title
History of the German Language

Course Description
Linguistic survey of the German language from Indo-European to modern times, including phonology, morphology, syntax, and lexicon.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Germ 302; Germ 303; Germ 344

Learning Outcomes

Title
Basic Principles and Processes of Language Change

Tags
192541, 1

Learning Outcome
1. be able to discuss generally the basic principles and processes of language change regarding phonological, morphological, syntactic, lexical and semantic change;

Title
Types of Language Change

Tags
192542, 2

Learning Outcome
2. be able to identify examples of such types of language change as they pertain to the history of the German language, e.g., assimilation, affrication, etc.;

Title
Proto-Indo-European

Tags
192543, 3

Learning Outcome
3. be able to provide a general description of Proto-Indo-European and its relationship to its daughter languages

Title
Changes that Distinguished Germanic from Proto-Indo-European

Tags
192544, 4

Learning Outcome
4. be able to identify and describe the changes which distinguished Germanic from Proto-Indo-European including Grimm's Law, Sievers' Law, accent shift, etc.

Title
Relationship between Branches of Germanic

Tags
192545, 5

Learning Outcome
5. be able to describe the relationship between the three main branches of Germanic, namely Gothic, Northern Germanic and West Germanic and outline the major Germanic languages, including the West Germanic languages;

Title
Changes Distinguishing West Germanic from other Germanic Bra

Tags
192546, 6

Learning Outcome
6. be able to identify and describe the changes distinguishing West Germanic from other Germanic branches;

Title
Changes Distinguishing Germanic from West Germanic Languages

Tags
192547, 7

Learning Outcome
7. be able to identify and describe the changes which distinguished German from the other West Germanic languages as well as the changes from Old High German to Middle High German to Modern German;

Title
Main Dialects of Old High German, Middle High German, and Mo

Tags
192548, 8

Learning Outcome
8. be able to identify the main dialects of Old High German, Middle High German and Modern German and describe their location and distinguishing features;

Title
External Influences that Shaped the History of the German La

Tags
192549, 9

Learning Outcome
9. understand and be able to describe the external influences which helped shape the history of the German language, e.g., Luther's influence, Charlemagne, the printing press, grammarians, war, trade, etc.;

Title
German Dialects

Tags
192550, 10

Learning Outcome
10. can outline and discuss the meaning of the word dialect in its linguistic sense and appreciate the various dialects of German as legitimate linguistic entities of equal value;.

Title
Why Language Changes

Tags
192551, 11

Learning Outcome
11. be able to describe reasons why languages change

Title
Research

Tags
192552, 12

Learning Outcome
12. be able to carry out research on one aspect of the history of the Germanic languages and provide a brief and clear overview of a topic related to a change in one of the Germanic languages in both written and oral form to communicate my findings in a paper in a clear manner using primary literature (journal articles);

Title
Seeking Sources on Topics in Germanic Linguistics

Tags
192553, 13

Learning Outcome
13. be able to seek sources on topics in Germanic linguistics;

Title
Applying Learned Material to English and Other Languages

Tags
192554, 14

Learning Outcome
14. be able to make connections between what we learn in class about the history of German to better understand English, the German language and how languages (including my own language use) can change and/or differ from others' language;

Title
Identifying Supporting Quotes

Tags
192555, 15

Learning Outcome
15. be able to identify useful quotes that will help me support the thesis of my paper;

Title
Using Logical Arguments

Tags
192556, 16

Learning Outcome
16. be able to argue my point effectively using a logical argument

Title
Identifying data that Supports an Argument

Tags
192557, 17

Learning Outcome
17. be able to identify data that supports the arguments I am making or citing;

Title
Introducing and Citing Quotes

Tags
192558, 18

Learning Outcome
18 be able to introduce and cite quotes properly;

Title
Providing Adequate and Correct Citations

Tags
192559, 19

Learning Outcome
19. be able to provide adequate and correct citations for the points I am making or drawing on from the works of others;

GERM 460 - Structure of Modern German

Course Information

Teaching Area (new)
GERM

Course Number
460

Teaching Area
GERM

Course Title
Structure of Modern German

Course Description
Structural and socio-linguistic study of contemporary German.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Germ 302; Germ 303; Germ 344

Learning Outcomes

Title
Overview of the Origin of German

Tags
192560, 1

Learning Outcome
1. Students will be able to provide a brief overview of the origin of German and its position in the Germanic language family;

Title
Hochdeutsch

Tags
192561, 2

Learning Outcome
2. be able to define Hochdeutsch and its position in German language use;

Title
Sounds of German

Tags
192562, 3

Learning Outcome
3. be able to identify and describe the sounds of German, including the features which distinguish them from one another, and whether these sounds are separate phonemes or allophones;

Title
Phonological Processes

Tags
192563, 4

Learning Outcome
4. be able to identify and describe the phonological processes, e.g., Auslautverhärtung, dissimilation, reduction, umlaut, etc. which affect how the sounds of German interact;

Title
Prosodic Structure of German

Tags
192564, 5

Learning Outcome
5. be able to outline the prosodic structure of German, including syllable structure, phonotactics, accent placement and foot structure;

Title
Word Formation Rules and Morphology

Tags
192565, 6

Learning Outcome
6. be able to identify various word formation rules in German and be able to describe the core morphological foundation of German, including differences between derivational and inflectional morphology and the roles that paradigms play in organising words in their various forms;

Title
Prosody and Morphology

Tags
192566, 7

Learning Outcome
7. be able to describe how prosodic structure helps shape some aspects of the morphology, including plural and i-cropping formations;

Title
Breaking Down German Sentences into Basic Constituents

Tags
192567, 8

Learning Outcome
8. be able to break down German sentences into their basic constituent structure and understand the structural difference between V2 and Verb-at-end sentences;

Title
Phrases which are Complements of Various Words

Tags
192568, 9

Learning Outcome
9. be able to identify the types of phrases which are complements of various words in German;

Title
Basic Concepts of Dialectology

Tags
192569, 10

Learning Outcome
10. understand the basic concepts of dialectology to define and differentiate between the major dialects of German;

Title
Various Dialects of German

Tags
192570, 11

Learning Outcome
11. understand the meaning of the word dialect in its linguistic sense and appreciate the various dialects of German as legitimate linguistic entities of equal value;

Title
Various Changes in Spelling

Tags
192571, 12

Learning Outcome
12. be able to describe the various changes in spelling brought about by the new Rechtschreibung and understand the motivating factors behind language and orthographic normalisation;

Title
Contemporary Trends in Spoken Modern German

Tags
192572, 13

Learning Outcome
13. be able to identify and discuss contemporary trends in spoken modern German such as lexical borrowing, youth language, use/loss of dialects, etc.

Title
Disambiguating Ambiguous Sentences

Tags
192573, 14

Learning Outcome
14. to be able to disambiguate ambiguous sentences and words and describe how the internal structure of words or sentences (in addition to accent placement) explains the multiple meanings behind the ambiguity.

Title
Community-Based Application for Learning

Tags
192833, 15

Learning Outcome
Students will apply their learning in given classes to create projects that help contribute to the enrichment of others outside of those classes. They will move their research beyond the culmination of a final product submitted for a grade, bringing their work into the community and public domain, including helping projects outside the classroom in concrete ways, e.g., developing materials for an online lexicon project, creating enrichment materials and activities for K-16 German classes, creating posters and papers for conferences, being able to help other students in their learning and resarch. As a result, students will be able to articulate how their learning can be applied in real life and can be extended outside of the classroom and ultimately that their learning has and should have community impact.

GERM 470R - Topics in German Linguistics

Course Information

Course Number
470R

Teaching Area
GERM

Course Title
Topics in German Linguistics

Course Description
In-depth study of a topic related to Germanic linguistics.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Analyze scholarship

Tags
213853, 0, 1, 2023-08-29 09:18:30

Learning Outcome
Be able to identify and understand the core arguments of articles on the topic in Germanic linguistics and can summarize the main ideas of the journal articles.

Title
Synthesize scholarship

Tags
213854, 0, 2, 2023-08-29 09:18:31

Learning Outcome
Know how to seek sources on topics in Germanic linguistics and be able to write an annotated bibliography summarizing the core arguments of journal articles and evaluate the usefulness of the articles for my research paper.

Title
Research

Tags
213855, 0, 3, 2023-08-29 09:18:47

Learning Outcome
Be able to carry out research on one aspect of the history of the Germanic languages and provide a brief and clear overview of a topic related to a change in one of the Germanic languages in both written and oral form to communicate my findings in a paper in a clear manner using primary literature (journal articles), citations, and data/arguments that support my thesis.

Title
Communication

Tags
213856, 0, 4, 2023-08-29 09:18:50

Learning Outcome
Be able to discuss the core topics of the course orally and in writing beyond my own personal research.

GERM 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
GERM

Course Number
476

Teaching Area
GERM

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long, full-time experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Learning Outcomes

Title
Improve language, culture, and teaching skills

Tags
192574, 1

Learning Outcome
Improve your German language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

Title
Integrate learning into teaching

Tags
192575, 2

Learning Outcome
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

Title
Assess student learning

Tags
192576, 7

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

Title
Engage students in culture learning

Tags
192577, 4

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Tags
192717, 5

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students’ intrinsic motivation, and to support your own professional productivity and growth

Title
Create appropriate learning experiences

Tags
192723, 3

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students’ language proficiency

Title
Adapt instruction for diverse learners

Tags
192758, 8

Learning Outcome
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles andspecial needs

Title
Engage in professional development and reflection

Tags
192763, 9

Learning Outcome
Participate professionallyin the school community, in professional organizationsand professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

GERM 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
GERM

Course Number
477R

Teaching Area
GERM

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

GERM 490R - Special Studies in German

Course Information

Teaching Area (new)
GERM

Course Number
490R

Teaching Area
GERM

Course Title
Special Studies in German

Course Description
Variable credit for individual or group study as approved for special circumstances.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Note
Not applicable to German major or minor.

Learning Outcomes

Title
Increased learning through experiential and mentored learnin

Tags
192578, 1

Learning Outcome
Students will increase their proficiency and understanding of the German language and culture by means of experiential learning and/or mentored research opportunities.

GERM 496R - Academic Internship: German Teaching

Course Information

Teaching Area (new)
GERM

Course Number
496R

Teaching Area
GERM

Course Title
Academic Internship: German Teaching

Course Description
Capstone, field-based, year-long, full-time experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval. Requires a major GPA of 2.85. At least a C- grade in Germ 377.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
192823, 1

Learning Outcome
Students will apply appropriate teaching skills in a public school classroom.

GERM 497R - Senior Seminar in German Language

Course Information

Teaching Area (new)
GERM

Course Number
497R

Teaching Area
GERM

Course Title
Senior Seminar in German Language

Course Description
In-depth study of a topic related to second-language acquisition and teaching.

Department
German and Russian

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Core Arguments of Published Research

Tags
192579, 2

Learning Outcome
2. be able to identify and explain the core arguments of published research on the topic of study, and be able to interpret and report on the findings outlined in the data and articles studied;

Title
Key Theories and Analyses

Tags
192580, 1

Learning Outcome
General Learning Outcomes for German 497
1. understand and be able to describe keytheories and analyses proposed to account for topics and phenomena related to the relevant field of study investigated in the course, e.g., for the acquisition of new sounds in a second language (L2), contrastive analysis, markedness differential hypothesis, as well as new theories such as Flege's SLM and Best's PAM;

Title
Explaining Individual Beliefs and Views

Tags
192581, 3

Learning Outcome
3. be able to describe and explain our individual beliefs and views on a given topic related to Germanic linguistics discussed in class and be able to reassess our views and beliefs by weighing the evidence presented in published research, defininghow these findings support or contradict our views;

Title
Identifying Relevant Topics in Germanic Linguistics

Tags
192582, 4

Learning Outcome
4. be able to identify atopic of relevance in Germanic linguistics relating to the course topic, and carry out research on the topic by identifyingand understandingthe key articles on that topic and synthesise the findings in a clearly communicated paper and presentation to othersin which the student's points are effectively and logically argued;

Title
Seeking out Sources

Tags
192583, 5

Learning Outcome
5. be able to seek out sources on topics in Germanic linguistics and/or second language acquisition;

Title
Critical Reading, Summarizing, and Communicating

Tags
192584, 6

Learning Outcome
6. be able to critically read, summarise and clearly communicate the core arguments and findings of published research on Germanic linguistics topics related to the course theme by means of an annotated bibliography, paper overview, final paper and presentation;

Title
Identifying Useful Quotes

Tags
192585, 7

Learning Outcome
7. be able to identify useful quotes and data that will help support the thesis of the research and will be able to incorporate quotes and data properly using the conventions used in linguistics; and

Title
Indentifying main Contributors

Tags
192586, 8

Learning Outcome
8. be able to identify the main contributors to researchin the field of study discussed in the course

GERM 498R - Preparing for Professional/ Graduate School

Course Information

Teaching Area (new)
GERM

Course Number
498R

Teaching Area
GERM

Course Title
Preparing for Professional/Graduate School

Course Description
Preparation for professional schools and graduate programs. Focuses upon the rigors of the application process, developing relevant skills, and becoming conversant with current intellectual discourses.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Junior or senior status.

Learning Outcomes

Title
knowledge

Tags
192824, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

Title
Intellectual, cultural and political literacy

Tags
192718, 2

Learning Outcome
Students will demonstrate an increased literacy in contemporary intellectual, cultural, and political issues in classroom discussions and written reports.

Title
Understanding of post-graduate studies

Tags
192724, 12

Learning Outcome
Students will demonstrate an increased understanding of the character of graduate school and the realities of an academic career based on their discussions and final report.

Title
Library research skills

Tags
192744, 6

Learning Outcome
Students will demonstrate an ability to conduct library research by finding research materials for a topic of interest.

Title
Preparations for post-BA pursuits

Tags
192751, 1

Learning Outcome
The purpose of German 498 is to prepare undergraduates for the transition to post-baccalaureate education: graduate school, law school, or otherwise.

Title
Academic readings

Tags
192753, 3

Learning Outcome
Students will become more astute academic readers by demonstrating the ability to perceive argument, structure, audience, and important sources in their readings.

Title
Presentation skills

Tags
192769, 9

Learning Outcome
Students will demonstrate an ability to give well-organised and clearly communicated presentations based on their research.

GERM 595R - German for Reading

Course Information

Teaching Area (new)
GERM

Course Number
595R

Teaching Area
GERM

Course Title
German for Reading

Course Description
Developing reading skills for scholarship written in German.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GERO 399R - Gerontology Internship

Course Information

Course Number
399R

Teaching Area
GERO

Course Title
Gerontology Internship

Course Description
Internship experience that involves interaction with adults age 50 and older

Department
1018

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Tags
213857, 0, 1, 2023-08-29 09:19:15

Learning Outcome
Students will be able to interact professionally with adults aged 50 and older.

Tags
213858, 0, 2, 2023-08-29 09:19:17

Learning Outcome
Students will apply knowledge from other courses taken for the gerontology minor, as they interact with middle-aged and older adults.

Tags
213859, 0, 3, 2023-08-29 09:19:19

Learning Outcome
Students will be able to serve older adults in the community.

GES 200 - Introduction to Global Environmental Studies

Course Information

Teaching Area (new)
GES

Course Number
200

Teaching Area
GES

Course Title
Introduction to Global Environmental Studies

Course Description
GES 200 is the introductory class for the Global Environmental Studies minor and will prepare students for a broadly interdisciplinary engagement with environmental issues and challenges with an intercultural perspective. The class is managed by the program director with guest lecturers from among the Global Environmental Studies affiliated faculty highlighting different methodological and disciplinary approaches to ecological concerns. The specific issues and topics covered by the class will vary by semester, but every iteration will encompass the doctrinal foundations of environmental stewardship in the interdisciplinary context of the natural sciences, social sciences, arts, and humanities.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Global Environmental Issues

Tags
214565, 0, 1, 2023-09-01 15:53:29

Learning Outcome
Students will be able to articulate the cultural, social, and scientific underpinnings of a significant global environmental issue and evaluate effective policy proposals.

Title
Interdisciplinary Approaches

Tags
214566, 0, 2, 2023-09-01 15:53:29

Learning Outcome
Students will be able to evaluate environmental issues of global scope and policy proposals using methodologies from more than one domain of knowledge.

Title
Cross-Cultural Contexts

Tags
214567, 0, 3, 2023-09-01 15:53:29

Learning Outcome
Students will develop competencies to work sensitively across cultural contexts in order to find local cultural solutions to environmental challenges.

GES 490 - Global Environmental Studies Capstone

Course Information

Teaching Area (new)
GES

Course Number
490

Teaching Area
GES

Course Title
Global Environmental Studies Capstone

Course Description
This course catalyzes learning about complex environmental challenges through research and service. As the capstone experience for the GES program, students will produce a research project and portfolio demonstrating mastery of the quantitative and aesthetic components of science and communication. The course consists of two major projects: 1) Assembling a portfolio of previous work demonstrating mastery of the GES program outcomes. 2) Identifying and carrying out a meaningful environmental research and service project addressing a pressing issue. Depending on the selected issue, this project may result in a peer-reviewed publication, a collaborative service project, or another outcome appropriate to the project. \n

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GREEK 101 - First-Year Greek (First Semester).

Course Information

Teaching Area (new)
GREEK

Course Number
101

Teaching Area
GREEK

Course Title
First-Year Greek (First Semester).

Course Description
Fundamentals of Attic Greek grammar, syntax, and vocabulary.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic Forms, Grammatical Structures, and Vocabulary

Tags
189885, 1

Learning Outcome
Successful students will have command of basic forms, grammatical structures, and vocabulary of Classical Greek.

Title
Read Classical Greek

Tags
189886, 2

Learning Outcome
Successful students will be able to read Classical Greek at an elementary level with a high degree of understanding.

GREEK 102 - First-Year Greek (Second Semester)

Course Information

Teaching Area (new)
GREEK

Course Number
102

Teaching Area
GREEK

Course Title
First-Year Greek (Second Semester)

Course Description
Fundamentals of Attic Greek grammar, syntax, and vocabulary.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 101 - First-Year Greek (First Semester).

Other Prerequisites

or departmental approval.

Learning Outcomes

Title
Basic Forms, Grammatical Structures, and Vocabulary

Tags
189891, 1

Learning Outcome
Successful students will have command of all basic forms, grammatical structures, and vocabulary of Classical Greek.

Title
Read Classical Greek

Tags
189892, 2

Learning Outcome
Successful students will be able to read Classical Greek at an elementary level with a high degree of understanding.

GREEK 201 - Intermediate Greek

Course Information

Teaching Area (new)
GREEK

Course Number
201

Teaching Area
GREEK

Course Title
Intermediate Greek

Course Description
Readings from Xenophon with review and continuation of grammar.

Department
Comparative Arts and Letters

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 102 - First-Year Greek (Second Semester)

Other Prerequisites
or departmental approval.

Learning Outcomes

Title
Greek Morphology

Tags
189893, 1

Learning Outcome
Successful students will master Greek morphology. All of the forms introduced in Greek 101/102 should be mastered in Greek 201. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

Title
Greek Grammar and Syntax

Tags
189894, 2

Learning Outcome
Successful students will master Greek grammar and syntax. They should be able to recognize and identify grammatical and syntactical constructions. In other words, students should be able not only to identify the form of a Greek word, but also the function of that word. For example, a student should be able to indentify a verb form as third person singular present active subjunctive, and then explain why the subjunctive mood is being used.

Title
Greek Translation

Tags
189895, 3

Learning Outcome
Successful students should be able to translate a representative Classical Greek text into good English.

Title
Greek Authors

Tags
189896, 4

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author (such as Xenophon) in the context of Greek literature generally and of his own literary context specifically.

GREEK 301 - Classical Greek Poetry: Homer's Iliad

Course Information

Teaching Area (new)
GREEK

Course Number
301

Teaching Area
GREEK

Course Title
Classical Greek Poetry: Homer's *Iliad*

Course Description
Advanced Greek poetry through Homer's Iliad.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 201 - Intermediate Greek

Learning Outcomes

Title
Homeric Greek Morphology

Tags
189897, 1

Learning Outcome
Successful students should master Homeric Greek morphology. Students should be able to identify fully the Homeric forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

Title
Homeric Greek Grammar, Syntax, and Meter

Tags
189898, 2

Learning Outcome
Successful students should acquire a foundation in the grammar and syntax of Homeric poetry. They should also acquire a basic knowledge of the principles of scanning Greek verse. Homer's Iliad is regularly chosen as an example.

Title
Poetic Text Translation

Tags
189899, 3

Learning Outcome
Successful students should be able to translate a Greek poetic text into good English.

Title
Literary Accomplishments

Tags
189900, 4

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author (such as Homer) in the context of Greek literature generally and of his own literary context specifically.

GREEK 302 - Classical Greek Prose

Course Information

Teaching Area (new)
GREEK

Course Number
302

Teaching Area
GREEK

Course Title
Classical Greek Prose

Course Description
Advanced Attic Greek through prose authors.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 201 - Intermediate Greek

Learning Outcomes

Title
Greek Morphology

Tags
189901, 1

Learning Outcome
Successful students will refine their mastery of Classical Greek morphology. They will be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

Title
Greek Grammar and Syntax

Tags
189902, 2

Learning Outcome
Successful students should master Greek grammar and syntax and begin to master Greek rhetoric. While they should be able to recognize and identify grammatical and syntactical constructions-a practice already refined in Greek 201, they should also be able to recognize and identify rhetorical devices employed by the author(s) being read and begin to understand the effect of those devices as employed.

Title
Greek Translation

Tags
189903, 3

Learning Outcome
Successful students should be able to translate a complex Greek prose text into good English.

Title
Place in Literary History

Tags
189904, 4

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author(s) (such as Lysias and Plato) in the context of Greek literature generally and of their own literary context specifically.

GREEK 311 - New Testament in Greek: Gospels

Course Information

Teaching Area (new)
GREEK

Course Number
311

Teaching Area
GREEK

Course Title
New Testament in Greek: Gospels

Course Description
Introduction to the study of the canonical gospels in Koine Greek.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 201 - Intermediate Greek

Learning Outcomes

Title
Critical Method

Tags
190399, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament Gospels.

Title
Morphology, Syntax, and Vocabulary

Tags
190455, 0

Learning Outcome
Successful students will begin to master the forms, syntax, and substantial vocabulary of Koine Greek, specifically as found in the gospels of the New Testament.

Title
Reading Gospels in Greek

Tags
199942, 2

Learning Outcome
Successful students will learn techniques of reading the Koine Greek of the New Testament Gospels with subtlety and precision.

Title
Literary History and Context

Tags
199943, 4

Learning Outcome
Successful students will begin to understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Evaluation of Texts

Tags
199944, 5

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

GREEK 401 - Greek Prose Composition

Course Information

Teaching Area (new)
GREEK

Course Number
401

Teaching Area
GREEK

Course Title
Greek Prose Composition

Course Description
Exercises in composing Greek prose.

Department
Comparative Arts and Letters

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

Other Prerequisites
or concurrent enrollment.

Learning Outcomes

Title
Critical Theory

Tags
190003, 1

Learning Outcome
Successful students will understand and apply principles and practice of critical theory, with specific reference to Greek texts.

Title
Reading Comprehension and Stylistic Awareness

Tags
190004, 4

Learning Outcome
Successful students will be able to read Greek prose literature with a high degree of understanding and with stylistic awareness.

Title
Greek Text Evaluation

Tags
190005, 5

Learning Outcome
Successful students will be able to evaluate texts through a close reading in the original language.

Title
Greek Composition, Grammar, and Style

Tags
190006, 8

Learning Outcome
Successful students will be able to compose grammatically correct and stylistically appropriate Greek prose with proficiency.

Title
Classical and Late Greek Literary History

Tags
190457, 7

Learning Outcome
Successful students will understand the literary history of Classical and later Greek prose literature.

GREEK 411R - Greek New Testament and Early Christian Greek Texts

Course Information

Teaching Area (new)
GREEK

Course Number
411R

Teaching Area
GREEK

Course Title
Greek New Testament and Early Christian Greek Texts

Course Description
Topics include Greek New Testament, the transmission and translation of New Testament manuscripts, and selections from other early Christian Greek writings.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 311 - New Testament in Greek: Gospels

Other Prerequisites
Greek 302 or concurrent enrollment.

Learning Outcomes

Title
Critical Method

Tags
190282, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

Title
Evaluation of Texts

Tags
190518, 4

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

Title
Grammar, Syntax, and Vocabulary

Tags
189905, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek

Tags
189906, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context

Tags
189907, 4

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Knowledge

Tags
190695, 1

Learning Outcome
Students will have a deeper understanding of Luke and Acts.

Title
Grammar, Syntax, and Vocabulary

Tags
190855, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek

Tags
190856, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context

Tags
190857, 3

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Grammar, Syntax, and Vocabulary

Tags
190858, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek

Tags
190859, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context

Tags
190860, 3

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Grammar, Syntax, and Vocabulary

Tags
190865, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek

Tags
190867, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context

Tags
190868, 3

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Critical Method

Tags
190870, 1

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

Title
Evaluation of Texts

Tags
190871, 2

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

Title
Critical Method

Tags
190872, 1

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

Title
Evaluation of Texts

Tags
190873, 2

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

Title
Critical Method

Tags
190874, 1

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the New Testament and related texts.

Title
Evaluation of Texts

Tags
190875, 2

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

Title
Grammar, Syntax, and Vocabulary

Tags
191201, 1

Learning Outcome
Successful students will master all the forms, syntax, and substantial vocabulary of Koine Greek.

Title
Reading Koine Greek

Tags
191202, 2

Learning Outcome
Successful students will learn techniques of reading Koine literature with subtlety and precision.

Title
Literary History and Context

Tags
191203, 3

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

GREEK 430 - Herodotus

Course Information

Teaching Area (new)
GREEK

Course Number
430

Teaching Area
GREEK

Course Title
Herodotus

Course Description
In-depth study of *The Histories* of Herodotus.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

Learning Outcomes

Title
Reading Greek

Tags
189908, 1

Learning Outcome
By studying the text of Herodotus, successful students will learn techniques of reading Greek prose literature with subtlety and precision.

Title
Critical Method

Tags
189909, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the text of Herodotus.

Title
Literary History

Tags
189910, 3

Learning Outcome
Successful students will understand Herodotus' place within the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

Title
Text Evaluation

Tags
189911, 6

Learning Outcome
Successful students will intelligently evaluate the text of Herodotus through close reading in the original language and express this in examinations and essays.

GREEK 431 - Homer's Odyssey.

Course Information

Teaching Area (new)
GREEK

Course Number
431

Teaching Area
GREEK

Course Title
Homer's *Odyssey*.

Course Description
In-depth study of Homer's *Odyssey*.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

Learning Outcomes

Title
Reading Homeric Greek

Tags
189912, 1

Learning Outcome
By approaching the text of Homer's Odyssey, successful students will learn techniques of reading Greek Epic poetry with subtlety and precision.

Title
Critical Method

Tags
189913, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method with specific reference to the texts of Homer.

Title
Literary History

Tags
189914, 3

Learning Outcome
Successful students will understand the place of Homeric epic in literary history of Classical antiquity and locate Homeric epic poetry in the larger context of political and cultural history.

Title
Close Reading

Tags
189915, 6

Learning Outcome
Successful students will intelligently evaluate the Odyssey through close reading in the original language and express this through examinations and essays.

GREEK 433 - Thucydides

Course Information

Teaching Area (new)
GREEK

Course Number
433

Teaching Area
GREEK

Course Title
Thucydides

Course Description
In-depth study of Thucydides' *History of the Peloponnesian War*.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

Learning Outcomes

Title
Reading Greek

Tags
189916, 1

Learning Outcome
By approaching the texts of Thucydides, successful students will learn techniques of reading Greek prose literature with subtlety and precision.

Title
Critical Method

Tags
189917, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method with specific reference to the text of Thucydides.

Title
Literary History

Tags
189918, 3

Learning Outcome
Successful students will understand the place of Thucydides in the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189919, 6

Learning Outcome
Successful students will intelligently evaluate texts of Thucydides through close reading in the original language and express this in examinations and essays.

GREEK 434 - Sophocles and Euripides

Course Information

Teaching Area (new)
GREEK

Course Number
434

Teaching Area
GREEK

Course Title
Sophocles and Euripides

Course Description
In-depth study of the tragedies of Sophocles and/or Euripides.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

Learning Outcomes

Title
Reading Greek

Tags
189920, 1

Learning Outcome
By approaching texts by Sophocles and Euripides, successful students will learn techniques of reading Greek tragic literature with subtlety and precision.

Title
Critical Method

Tags
189921, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the tragedies of Sophocles and Euripides.

Title
Literary History

Tags
189922, 3

Learning Outcome
Successful students will understand the place of Greek tragedy in the literary history of Classical antiquity, locating it in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189923, 6

Learning Outcome
Successful students will intelligently evaluate dramatic texts through close reading in the original language and express this in examinations and essays.

GREEK 435 - Greek Lyric Poetry

Course Information

Teaching Area (new)
GREEK

Course Number
435

Teaching Area
GREEK

Course Title
Greek Lyric Poetry

Course Description
In-depth study of Ancient Greek lyric poetry.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 301 - Classical Greek Poetry: Homer's *Iliad*

Learning Outcomes

Title
Reading Greek

Tags
189924, 1

Learning Outcome
By approaching the texts of the principal lyric poets, successful students will learn techniques of reading Greek verse literature with subtlety and precision.

Title
Critical Method

Tags
189925, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the surviving texts of Lyric poetry.

Title
Literary History

Tags
189926, 4

Learning Outcome
Successful students will understand place of the lyric poets in the literary history of Classical antiquity, locating them in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189927, 6

Learning Outcome
Successful students will intelligently evaluate poetic texts through close reading in the original language and express this in examinations and essays.

GREEK 436 - Plato

Course Information

Teaching Area (new)
GREEK

Course Number
436

Teaching Area
GREEK

Course Title
Plato

Course Description
Reading and analysis of Greek text of selected dialogues by Plato (e.g., *The Republic, Meno, Protagoras)*.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

Learning Outcomes

Title
Reading Greek

Tags
190661, 1

Learning Outcome
By approaching the texts of Plato, successful students will learn techniques of reading Greek prose literature with subtlety and precision.

Title
Critical Method

Tags
190662, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method with specific reference to the texts of Plato.

Title
Literary History

Tags
190663, 3

Learning Outcome
Successful students will understand the place of Plato in the literary history of Classical antiquity and locate his work in the larger context of political and cultural history.

Title
Close Reading in the Original Language

Tags
190664, 4

Learning Outcome
Successful students will intelligently evaluate texts of Plato through close reading in the original language and express this in examinations and essays

GREEK 437 - Attic Orators

Course Information

Teaching Area (new)
GREEK

Course Number
437

Teaching Area
GREEK

Course Title
Attic Orators

Course Description
In-depth study of the prose of the 5th-4th century Athenian orators.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GREEK 302 - Classical Greek Prose

Learning Outcomes

Title
Reading Greek

Tags
189928, 1

Learning Outcome
By approaching the texts of the Attic orators, successful students will learn techniques of reading Greek oratory with subtlety and precision.

Title
Literary History

Tags
189929, 4

Learning Outcome
Successful students will understand the place of Classical Greek oratory in the literary history of Classical antiquity and locate it in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189930, 6

Learning Outcome
Successful students will intelligently evaluate texts of Attic oratory through close reading in the original language and express this is examinations and essays.

Title
Critical Method

Tags
190440, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Attic oratory.

GREEK 490R - Topics in Greek Literature

Course Information

Teaching Area (new)
GREEK

Course Number
490R

Teaching Area
GREEK

Course Title
Topics in Greek Literature

Course Description
Topics vary.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading Greek

Tags
189931, 2

Learning Outcome
By approaching the texts of selected Greek authors successful students will learn techniques for reading Greek with subtlety and precision.

Title
Critical Method

Tags
189932, 4

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of selected Greek authors.

Title
Literary History

Tags
189933, 6

Learning Outcome
Successful students will understand the place of selected Greek authors in the literary history of Classical antiquity and locate them in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189934, 8

Learning Outcome
Successful students will intelligently evaluate texts of selected Greek authors through close reading in the original language and express this in examinations and essays.

GSCM 201 - Introduction to Global Supply Chain Management

Course Information

Teaching Area (new)
GSCM

Course Number
201

Teaching Area
GSCM

Course Title
Introduction to Global Supply Chain Management

Course Description
Introduction to global supply chain management: how firms work with other suppliers, often foreign firms, to manufacture and deliver products to customers. Topics include supply chain strategy, sourcing, supplier management, logistics, and quality management.

Department
Marketing and Global Supply Chain

When Taught
Fall Term 1; Winter Term 1; Spring.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Note
STUDENTS PLANNING TO PURSUE ACCOUNTING OR ALREADY ADMITTED TO THE ACCOUNTING MAJOR SHOULD TAKE GSCM 301 and GSCM 311 INSTEAD OF GSCM 201 AND 211. Available to non-business majors.

GSCM 211 - Introduction to Supply Chain Management in International Business

Course Information

Teaching Area (new)
GSCM

Course Number
211

Teaching Area
GSCM

Course Title
Introduction to Supply Chain Management in International Business

Course Description
Introduction to international supply chain concepts such as global negotiations, international shipping, outsourced manufacturing, Political Economic Social Technical Legal Environmental (PESTLE) analysis, and supply chain for global, social impact. Application of these concepts to prepare students to thrive in a global business environment.

Department
Marketing and Global Supply Chain

When Taught
Fall Term 2; Winter Term 2; Spring.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Note
STUDENTS PLANNING TO PURSUE ACCOUNTING OR ALREADY ADMITTED TO THE ACCOUNTING MAJOR SHOULD TAKE GSCM 301 and GSCM 311 INSTEAD OF GSCM 201 AND 211

GSCM 301 - Global Supply Chain Management for Accountants

Course Information

Teaching Area (new)
GSCM

Course Number
301

Teaching Area
GSCM

Course Title
Global Supply Chain Management for Accountants

Course Description
Introduction to global supply chain management: how firms work with other suppliers, often foreign firms, to manufacture and deliver products to customers. Topics include supply chain strategy, sourcing, supplier management, logistics, and quality management.

Department
Marketing and Global Supply Chain

When Taught
Fall Term 1; Winter Term 1; Spring.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Note
NON-ACCOUNTING STUDENTS SHOULD TAKE GSCM 201 and GSCM 211 INSTEAD OF GSCM 301 AND GSCM 311. Available to non-business majors. Students interested in accounting should take GSCM 301/311 rather than GSCM 201/211.

GSCM 311 - Supply Chain Management in International Business for Accountants

Course Information

Teaching Area (new)
GSCM

Course Number
311

Teaching Area
GSCM

Course Title
Supply Chain Management in International Business for Accountants

Course Description
Introduction to international supply chain concepts such as global negotiations, international shipping, outsourced manufacturing, Political Economic Social Technical Legal Environmental (PESTLE) analysis, and supply chain for global, social impact. Application of these concepts to prepare students to thrive in a global business environment.

Department
Marketing and Global Supply Chain

When Taught
Fall Term 2; Winter Term 2; Spring.

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0.5

Note
NON-ACCOUNTING STUDENTS SHOULD TAKE GSCM 201 and GSCM 211 INSTEAD OF GSCM 301 AND GSCM 311. Available to non-business majors. Students interested in accounting should take GSCM 301/311 rather than GSCM 201/211.

GSCM 326 - Career Development and Student Mentoring

Course Information

Teaching Area (new)
GSCM

Course Number
326

Teaching Area
GSCM

Course Title
Career Development and Student Mentoring

Course Description
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
For Global Supply Chain Management majors only.

Learning Outcomes

Title
Develop a Career Plan

Learning Outcome
Develop a plan for a career in supply chain management

Title
Refine Interviewing and Networking Skills

Learning Outcome
Students are provided opportunities and training for networking and interviewing-focused at assisting them to become employed in internships and full time positions.

Title
Interact Individually with a Mentor

Learning Outcome
Interact individually with a mentor in a directly relevant career

GSCM 380 - Global Supply Chain Management Executive Lecture Series

Course Information

Teaching Area (new)
GSCM

Course Number
380

Teaching Area
GSCM

Course Title
Global Supply Chain Management Executive Lecture Series

Course Description
Global supply chain executives from various industries will visit and discuss their professional and life experiences. Executives will present students with common ethical dilemmas, work situations, and professional advice common to the GSCM career field.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- GSCM 404 - Supply Chain Logistics

Learning Outcomes

Title
Learn from Industry Executives

Learning Outcome
Learn from industry executives and recently graduated GSCM alumni

Title
Understand Christlike Leadership

Learning Outcome
Understand Christlike leadership from an executive perspective

GSCM 401 - Operations Management

Course Information

Teaching Area (new)
GSCM

Course Number
401

Teaching Area
GSCM

Course Title
Operations Management

Course Description
Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project management presented and developed. Process design and improvement in both manufacturing and service organizations.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Global Supply Chain majors only.

Learning Outcomes

Title
Supply Chain Ethics and Leadership

Tags
176073, 1

Learning Outcome
Demonstrate how Christlike leadership and ethical stewardship can guide operations decisions for good in real-world context

Title
Team Collaboration

Tags
176332, 0

Learning Outcome
Collaborate respectfully and productively in team-based problem solving

Title
Improvement of Business Systems

Tags
176333, 2

Learning Outcome
Create order out of complexity by strategically analyzing and improving business systems using proven operations tools and frameworks

Title
Enhancing Performance With Technologies

Tags
176334, 3

Learning Outcome
Appropriately leverage AI and other technologies to enhance individual decision-making and performance

GSCM 402 - Quality Management

Course Information

Teaching Area (new)
GSCM

Course Number
402

Teaching Area
GSCM

Course Title
Quality Management

Course Description
Concepts of quality management, strategic issues, philosophies, tools, and fundamentals such as Six Sigma and Lean Production used to innovate and improve quality.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Global Supply Chain majors only.

Learning Outcomes

Title
Plan Continuous Improvement

Tags
176070, 2

Learning Outcome
Plan courses of action for continuous improvement in a variety of cases and settings

Title
Defend with Principles & Theories

Tags
176199, 3

Learning Outcome
Defend your chosen courses of action using quality principles and theories

Title
Apply Quality Tools & Analyses

Tags
176203, 1

Learning Outcome
Apply appropriate quality tools and analyses proficiently to address real-world needs

Title
Delivery Quality Improvement Projects

Tags
176294, 1

Learning Outcome
Deliver quality improvement projects that serve people and organizations

GSCM 403 - Purchasing and Supply Management

Course Information

Teaching Area (new)
GSCM

Course Number
403

Teaching Area
GSCM

Course Title
Purchasing and Supply Management

Course Description
Focuses on upstream supply chain activities of supplier selection, management, and development. Negotiation, costing, product development, and commodity analysis.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Global Supply Chain majors only.

Learning Outcomes

Title
Strategic analysis, planning, an execution

Tags
176102, 2

Learning Outcome
Conduct a category study for a particular commodity in the the context of an existing company, including internal analysis, market analysis, strategy development, and plans for execution.

Title
Understanding and applying cost analysis tools

Tags
176195, 1

Learning Outcome
Understand direct and indirect costs, fixed, step, and variable costs, target costs, and various ways to perform cost analyses to drive continuous improvement.

Title
Ethical Professional Standards

Tags
176295, 0

Learning Outcome
Describe the ethical and professional standards expected among supply management professionals.

Title
Find, develop, and manage suppliers

Learning Outcome
Understand the critital steps in procurement process, including identifying what is needed, finding potential suppliers, negotiating with the chosen supplier, developing the right relationship with that supplier, and then managing the supplier so they can be successful.

GSCM 404 - Supply Chain Logistics

Course Information

Teaching Area (new)
GSCM

Course Number
404

Teaching Area
GSCM

Course Title
Supply Chain Logistics

Course Description
Integration of materials management (inbound transportation), physical distribution (outbound transportation), inventory, warehousing, facility location, customer service, packaging, and materials handling.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Global Supply Chain majors only.

Learning Outcomes

Title
Apply Executive Decision Making Tools

Tags
176261, 3

Learning Outcome
Apply executive decision making tools

Title
Demonstrate Communication Proficiency

Tags
176260, 2

Learning Outcome
Demonstrate proficency in oral and written communication

Title
Work in Global Environments

Tags
176259, 1

Learning Outcome
Demonstrate ability to work in global environments

Title
Manage Logistics Ecosystems

Tags
176296, 0

Learning Outcome
Demonstrate mastery of managing logistics ecosystems (demand planning, inventory management, transportation management, warehousing, and location analysis)

GSCM 410 - Artificial Intelligence in Business Operations

Course Information

Course Number
410

Teaching Area
GSCM

Course Title
Artificial Intelligence in Business Operations

Course Description
Artificial Intelligence (AI) can impact business operations in substantial ways. This course provides students who do not have a technical (i.e., software engineering) background with a working knowledge of AI concepts, principles, tools, and applications. We review current types of AI systems and considerations for implementation. The course will prepare students to use AI on the job as well as direct others who manage the technical aspects of AI systems.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain AI Concepts and Types

Learning Outcome
Students will be able to explain fundamental concepts and types of AI models.

Title
Determine AI Use Cases

Learning Outcome
Students will determine business operation use cases for AI models.

Title
Articulate AI Implementation Steps

Learning Outcome
Students will able to articulate steps to implementing AI systems in business operations.

Title
Address AI Risks and Ethical Issues

Learning Outcome
Students will identify limitations, risks, and ethical issues of AI systems.

GSCM 411 - Global Business Negotiations

Course Information

Teaching Area (new)
GSCM

Course Number
411

Teaching Area
GSCM

Course Title
Global Business Negotiations

Course Description
Developing an effective negotiation framework for cross-national/cultural negotiation techniques relative to business and other life situations.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Conduct Negotiations

Tags
176039, 2

Learning Outcome
Conduct a negotiation in a cultural setting other than the US.

Title
Impromptu Negotiating

Tags
176120, 5

Learning Outcome
Conduct an impromptu negotiation.

Title
Understanding Concepts

Tags
176152, 0

Learning Outcome
Understand and apply concepts of BATNA, ZOPA, etc.

Title
Integrative Negotiating

Tags
176172, 4

Learning Outcome
Conduct a successful integrative negotiation.

Title
Negotiating Strategies

Tags
176262, 3

Learning Outcome
Use negotiating strategies to strengthen your position.

Title
Cultural Factors

Tags
176297, 1

Learning Outcome
Understand and apply cultural factors to specific cases.

GSCM 412 - Operations Analytics

Course Information

Teaching Area (new)
GSCM

Course Number
412

Teaching Area
GSCM

Course Title
Operations Analytics

Course Description
Methods and tools necessary for analyzing and solving problems associated with global supply chain management.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GSCM 401 - Operations Management

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Decision Modeling and Optimization

Tags
208226, 0, 1

Learning Outcome
Use optimization techniques to solve operational decision problems.

Title
Data Retrieval

Tags
177138, 1

Learning Outcome
Use current methods to retrive data.

Title
Data Wrangling and Analysis

Tags
177046, 2

Learning Outcome
Use data wrangling to manipulate data and find trends.

Title
Data-Backed Presenting

Learning Outcome
Use data to prepare and deliver effective presentations.

GSCM 414 - Sustainable Product and Project Life Cycle Management

Course Information

Teaching Area (new)
GSCM

Course Number
414

Teaching Area
GSCM

Course Title
Sustainable Product and Project Life Cycle Management

Course Description
Focus on managing products throughout their lifecycles. Explore product design through the end of the production cycle, their disposal, and recapture of materials. Apply project management to enable better management of resources, organizations, and processes.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Only for students admitted to the BYU Marriott School of Business

Learning Outcomes

Title
Apply Eternal Principles

Learning Outcome
Identify eternal principles from course materials, activities, and discussions and apply them to personal life and business decision-making.

Title
Explain Supply Chain's Impact

Learning Outcome
Explain how design, procurement, production processes, and logistics impact resource utilization and customer service.

Title
Understand Supply Chain's Role in Product Design

Learning Outcome
Understand the role that supply chain professionals play in product design to influence cost, repairability, and durability.

Title
Analyze Supply Chain Design

Learning Outcome
Analyze how supply chain design affects circular supply chains, including reverse logistics, product recovery, reuse, and customer service.

Title
Deliver Products and Services Sustainably

Learning Outcome
Integrate product design, procurement, production, and logistics to deliver products and services sustainably.

GSCM 419 - Customer Relationship Management

Course Information

Teaching Area (new)
GSCM

Course Number
419

Teaching Area
GSCM

Course Title
Customer Relationship Management

Course Description
Methods and principles for effective management of customer relationships within service businesses. Analyzing customer-interactive processes with regard to strategic innovation, performance measurement and improvement, process efficiency, interactive job design, service marketing, and service quality assurance.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Identify Eternal Principles

Tags
176030, 2

Learning Outcome
Eternal principles: Identify principles from course materials, activities, and discussions that are eternal and impact our lives and business decisions

Title
Engage in Teamwork

Tags
176263, 0

Learning Outcome
Teamwork: Engage proactively as an individual and as a member of a team.

Title
Manage and Evaluate Risk

Tags
176264, 4

Learning Outcome
Risk Assessment: Manage and evaluate risk.

Title
Communicate Persuasively

Tags
176298, 1

Learning Outcome
Communication - Communicate persuasively.

Title
Solve Case Problems with Supply Chain Knowledge

Learning Outcome
Supply Chain: Use knowledge of Supply Chain theory, strategy, and practice to solve specific case problems and challenges.

GSCM 429 - Global Supply Chain Strategy

Course Information

Teaching Area (new)
GSCM

Course Number
429

Teaching Area
GSCM

Course Title
Global Supply Chain Strategy

Course Description
Integrative and creative problem solving in designing and managing cohesive value-added conversion/transformation systems in a global environment.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GSCM 401 - Operations Management

Other Prerequisites
For Global Supply Chain majors only.

Learning Outcomes

Title
Teamwork

Tags
176265, 0

Learning Outcome
Engage proactively, as an individual and as a member of a team.

Title
Risk Assessment

Tags
176266, 1

Learning Outcome
Manage and evaluate risk.

Title
Communication

Tags
176267, 2

Learning Outcome
Communicate persuasively.

Title
Supply Chain

Tags
176299, 3

Learning Outcome
Use knowledge of Supply Chain theory, strategy, and practice to solve specific case problems and challenges.

GSCM 431 - Global Supply Chain

Course Information

Teaching Area (new)
GSCM

Course Number
431

Teaching Area
GSCM

Course Title
Global Supply Chain

Course Description
The emerging rules of a global marketplace and their influence on key supply chain activities and processes.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GSCM 401 - Operations Management

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Purchasing in global supply chain and operations

Tags
177052, 1

Learning Outcome
This course has not been offered for several years, and has been superceded by an update course on this topic.

GSCM 490R - Topics in Global Supply Chain Management

Course Information

Teaching Area (new)
GSCM

Course Number
490R

Teaching Area
GSCM

Course Title
Topics in Global Supply Chain Management

Course Description
Focus on a major topic, issue, or analytical method used in the field of global supply chain management. The specific topics covered will vary year to year.

Department
Marketing and Global Supply Chain

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
By permission only.

GSCM 512 - Advanced Operations Analytics

Course Information

Course Number
512

Teaching Area
GSCM

Course Title
Advanced Operations Analytics

Course Description
Apply advanced methods and tools necessary for analyzing and solving problems associated with global supply chain and operations management.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

Other Prerequisites
Completion of GSCM 412 or MBA 530; or by instructor permission.

Learning Outcomes

Title
Apply stochastic optimization techniques

Learning Outcome
Apply optimization techniques (which may include decision trees, descriptive simulation models, simulation software, etc.) to solve operational decision problems involving uncertainty.

Title
Use databases to store and retrieve data

Learning Outcome
Use databases (such as Microsoft Access) to store and retrieve Ops/GSCM data through linking, querying, and aggregating various databases.

Title
Perform advanced data analytics

Learning Outcome
Perform advanced data analytics using a combination of tools (which may include Excel functions, Pivot Tables, Data Tables, and VBA programming) to clean and prepare data, identify trends, and explore implications.

Title
Create executive-level dashboards

Learning Outcome
Create professional executive-level dashboards that communicate key organization metrics.

GSCM 530 - Operations Management

Course Information

Teaching Area (new)
GSCM

Course Number
530

Teaching Area
GSCM

Course Title
Operations Management

Course Description
Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project management presented and developed.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MAcc or MISM major status

Learning Outcomes

Title
Operations Scope

Tags
176044, 0

Learning Outcome
Understand scope and importance of operating processes and decisions

Title
Quality Management

Tags
176101, 2

Learning Outcome
Understand key constructs in quality management

Title
Operations and Strategy

Tags
176207, 3

Learning Outcome
Understand link between operations and strategic management of the firm

Title
Skills

Tags
176300, 1

Learning Outcome
Demonstrate quantitative skills required to analyze operating processes

Title
Critical Assessment

Tags
176301, 4

Learning Outcome
Develop a point of view about an operational challenge and argue persuasively for it in a professional setting.

GSCM 585 - Scholarly Research in GSCM

Course Information

Teaching Area (new)
GSCM

Course Number
585

Teaching Area
GSCM

Course Title
Scholarly Research in GSCM

Course Description
Introduction to theory and methods that are foundational to scholarly research in global supply chain management. Understanding how to navigate previously published research, distinguish between speculation and verified truth, identify research opportunities and appropriate methods, develop research plans and proposals, and impact contemporary thought through publication. This course can help students tap into scholarly research, participate in scholarly research, and prepare to apply to GSCM PhD programs.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- GSCM 401 - Operations Management

OR

Prerequisites

Complete ALL of the following Courses:

- MBA 530 - Operations Management

Other Prerequisites
For BYU Marriott School majors only, or by instructor permission

Learning Outcomes

Title
Learn Through Research

Tags
211412, 0, 1

Learning Outcome
Learn how to answer cutting-edge Global Supply Chain Management questions through scholarly research.

Title
Study Academic Research

Tags
211414, 0, 3

Learning Outcome
Study previously published academic GSCM research in order to develop critical thinking skills.

Title
Explore Research Methodologies

Learning Outcome
Explore various research methodologies for data collection and analysis.

GUARA 100 - Language Study: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
100

Teaching Area
GUARA

Course Title
Language Study: Guarani

Course Description
Survival-level conversation, reading, listening, and culture skills in Guarani.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195915, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195916, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195918, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

GUARA 101 - First-Year Language Study: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
101

Teaching Area
GUARA

Course Title
First-Year Language Study: Guarani

Course Description
Beginning speaking, listening, reading, and writing skills in Guarani.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195921, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195922, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195923, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195926, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GUARA 102 - First-Year Language Study: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
102

Teaching Area
GUARA

Course Title
First-Year Language Study: Guarani

Course Description
Second-semester speaking, listening, reading, and writing skills in Guarani.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GUARA 101 - First-Year Language Study: Guarani

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195930, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195931, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195932, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195935, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

GUARA 201 - Second-Year Language Study: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
201

Teaching Area
GUARA

Course Title
Second-Year Language Study: Guarani

Course Description
Intermediate speaking, listening, reading, and writing skills in Guarani.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GUARA 102 - First-Year Language Study: Guarani

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195938, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195939, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195940, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195941, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

GUARA 202 - Second-Year Language Study: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
202

Teaching Area
GUARA

Course Title
Second-Year Language Study: Guarani

Course Description
Continued emphasis on Guarani communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GUARA 201 - Second-Year Language Study: Guarani

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195944, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195946, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195947, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195949, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GUARA 305 - Language Skills Development: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
305

Teaching Area
GUARA

Course Title
Language Skills Development: Guarani

Course Description
Increasing proficiency in one or more of the following Guarani language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195952, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195954, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195955, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

GUARA 321 - Advanced Grammar: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
321

Teaching Area
GUARA

Course Title
Advanced Grammar: Guarani

Course Description
Advance your Guarani through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GUARA 202 - Second-Year Language Study: Guarani

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195956, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195958, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195960, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
330

Teaching Area
GUARA

Course Title
Advanced Language Proficiency Through Cultural Studies: Guarani

Course Description
Study of Guarani culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Guara 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195962, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195963, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195964, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195965, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

GUARA 340 - Introduction to Literature: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
340

Teaching Area
GUARA

Course Title
Introduction to Literature: Guarani

Course Description
Explore Guarani culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195967, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195968, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195971, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195973, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

GUARA 350 - Advanced Language Study for Career Purposes: Guarani

Course Information

Teaching Area (new)
GUARA

Course Number
350

Teaching Area
GUARA

Course Title
Advanced Language Study for Career Purposes: Guarani

Course Description
Concentration on Guarani language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- GUARA 330 - Advanced Language Proficiency Through Cultural Studies: Guarani

Learning Outcomes

Title
Defined Career Purposes

Tags
195975, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195977, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195979, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195981, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195984, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

GWS 222 - (WS-Soc) Introduction to Global Women's Studies

Course Information

Teaching Area (new)
GWS

Course Number
222

Teaching Area
GWS

Course Title
(WS-Soc) Introduction to Global Women's Studies

Course Description
An introduction to the most important issues affecting women's lives and to contributions made by women both nationally and internationally. The course will include historical, sociological, psychological, theological, legal, and/or cultural, and other approaches.

Department
International and Area Studies

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GWS 330 - Women in the Scriptures

Course Information

Teaching Area (new)
GWS

Course Number
330

Teaching Area
GWS

Course Title
Women in the Scriptures

Course Description
A close examination of stories and writings about women found within the scriptural canon of The Church of Jesus Christ of Latter-day Saints, focusing on the contributions of biblical women to the life, culture, religion, and history of Israel and the interpretation of their stories over time.\n\n\n

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GWS 332 - The History of Latter-day Saint Women

Course Information

Teaching Area (new)
GWS

Course Number
332

Teaching Area
GWS

Course Title
The History of Latter-day Saint Women

Course Description
The religious, domestic, economic, political, social and familial lives of Latter-day Saint women within the broader contexts of American and global women's history and Latter-day Saint history. Mormon women's relationship to national trends and their association with national women's organizations.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History and Context

Tags
199845, 1

Learning Outcome
1. Students will demonstrate knowledge of Mormon Women's history-religious, social, political, familial, cultural, intellectual, etc.-within a larger historiographical context.

Title
Research

Tags
199846, 2

Learning Outcome
o 2. Students will be able to grapple with primary and secondary sources in analytical ways and will become skilled at asking important questions and forming and supporting their own conclusions.

GWS 337R - Latter-day Saint Women as Cultural Producers

Course Information

Teaching Area (new)
GWS

Course Number
337R

Teaching Area
GWS

Course Title
Latter-day Saint Women as Cultural Producers

Course Description
Topics related to the ways Latter-day Saint women (historically and currently) have made cultural contributions, including an exploration of the significance of those contributions.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
GWS 222

GWS 341 - Women and Global Migration

Course Information

Teaching Area (new)
GWS

Course Number
341

Teaching Area
GWS

Course Title
Women and Global Migration

Course Description
Exploration of how gender affects im/migration trends, laws, policies, patterns, and migrants' lived experiences, especially for women, and how migration occurs on a voluntary and involuntary basis between, within, and across borders. An examination of the role of sovereignty, liberalism, and citizenship in facilitating or limiting -- the mass movement of women, their families, and communities.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
GWS 222

GWS 350 - Medieval European Women Writers

Course Information

Teaching Area (new)
GWS

Course Number
350

Teaching Area
GWS

Course Title
Medieval European Women Writers

Course Description
Readings in European literature by women in the Middle Ages (prior to 1500).

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Key texts

Tags
199865, 1

Learning Outcome
Students will demonstrate familiarity with key texts written by women in medieval Europe

Title
Women writers

Tags
199866, 2

Learning Outcome
Students will explain continuities found in the work of medieval women writers in Europe and later women writers in the West

GWS 351 - Early Modern European Women Writers

Course Information

Teaching Area (new)
GWS

Course Number
351

Teaching Area
GWS

Course Title
Early Modern European Women Writers

Course Description
Readings in European literature by women prior to 1700.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
WS 222

Learning Outcomes

Title
Textual Analysis

Tags
199810, 0

Learning Outcome
1. Students will be able to read critically women-authored texts and analyze them within their cultural and literary contexts in Early Modern Europe.

Title
Appreciation of Women's Writing

Tags
199814, 2

Learning Outcome
3. Students will be able to evaluate, recognize the diversity of and develop an appreciation for "the other voice" in Early Modern Europe.

Title
Cultural Awareness

Tags
199842, 1

Learning Outcome
2. Students will be able to recognize key female authors from this era, discern between literary genres and produce competent essays based on their critical engagement with course texts.

GWS 352 - Modern European Women Writers

Course Information

Teaching Area (new)
GWS

Course Number
352

Teaching Area
GWS

Course Title
Modern European Women Writers

Course Description
Readings in European literature by women after 1700.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
WS 222

Learning Outcomes

Title
Texts and Contexts

Tags
199847, 1

Learning Outcome
1. Students will demonstrate an ability to read critically women-authored literary texts and analyze them within their cultural and literary contexts in Modern Europe.

Title
Research

Tags
199848, 2

Learning Outcome
2. Students will perform scholarly research on a text or texts related to the course and produce competent essays (literary criticism) to communicate that research.

GWS 354 - Pan American Women Writers

Course Information

Teaching Area (new)
GWS

Course Number
354

Teaching Area
GWS

Course Title
Pan American Women Writers

Course Description
Readings in literature by women from throughout the Americas from 1600 to the present, with a particular focus on the intersections of gender, race, class, ethnicity, and age.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
WS 222

Learning Outcomes

Title
knowledge

Tags
199854, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge of women writers.

GWS 358 - The Gendered Camera: Women and World Cinema

Course Information

Teaching Area (new)
GWS

Course Number
358

Teaching Area
GWS

Course Title
The Gendered Camera: Women and World Cinema

Course Description
Readings and practice in visual literacy and film theory related to women. A focus on the history of women in film with special attention to the work of early women film pioneers and women's world cinema from its beginnings to today.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

GWS 360R - Women Who Have Made a Difference

Course Information

Course Number
360R

Teaching Area
GWS

Course Title
Women Who Have Made a Difference

Course Description
This course focuses on a woman or a small group of women who have made important contributions in their fields, within their cultures, and/or to society locally or globally.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Recommended
GWS 222

Learning Outcomes

Title
Challenges Met by Women

Tags
213860, 0, 1, 2023-08-29 09:22:43

Learning Outcome
1. Students will identify and explain the kinds of challenges faced or recognized by the woman or women highlighted in the course.

Title
Contributions of Women

Tags
213861, 0, 2, 2023-08-29 09:22:44

Learning Outcome
2. Students will be able to list and explain the contributions and accomplishments of the woman or women highlighted in the course.

Title
Research and Communication

Tags
213862, 0, 3, 2023-08-29 09:22:46

Learning Outcome
3. Students will read, write, and think analytically about the woman or women highlighted in the course. Students will conduct research and communicate that research effectively in oral, written, and/or multi-media presentations.

GWS 370 - Women in Science

Course Information

Teaching Area (new)
GWS

Course Number
370

Teaching Area
GWS

Course Title
Women in Science

Course Description
Women scientists, their challenges, and their contributions to scientific knowledge in many fields.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
WS 222

Learning Outcomes

Title
knowledge

Tags
199855, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge of women in science

GWS 390R - Global Women's Studies Special Topics

Course Information

Teaching Area (new)
GWS

Course Number
390R

Teaching Area
GWS

Course Title
Global Women's Studies Special Topics

Course Description
Subjects related to women's studies and gender issues from a variety of disciplines.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

GWS 392R - Global Women's Studies Colloquium

Course Information

Teaching Area (new)
GWS

Course Number
392R

Teaching Area
GWS

Course Title
Global Women's Studies Colloquium

Course Description
Scholarly findings presented by researchers on topics relating to the effect of gender norms on the ways we live, the impact of social issues and power structures on women's lives, and the contributions of women throughout history and around the world.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
WS 222

GWS 394R - GWS Topics taught in Languages other than English

Course Information

Teaching Area (new)
GWS

Course Number
394R

Teaching Area
GWS

Course Title
GWS Topics taught in Languages other than English

Course Description
The topics in this course relate to women and gender in non-English speaking cultures and communities. The course materials and instruction are offered in a language other than English.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Second Language Use

Tags
213863, 0, 1, 2023-08-29 09:22:48

Learning Outcome
Students will use their second language skills to read about and discuss topics related to women and gender within an authentic cultural context.

Title
Translingual and Transcultural Sensitivities

Tags
213864, 0, 2, 2023-08-29 09:22:50

Learning Outcome
Students will employ increased transnational, translingual, and transcultural sensitivities in their written and oral communications, particularly in relationship to cultural differences and the experiences of women.

GWS 395R - Global Women's Studies Mentored Study Experience

Course Information

Teaching Area (new)
GWS

Course Number
395R

Teaching Area
GWS

Course Title
Global Women's Studies Mentored Study Experience

Course Description
Readings, research, and writing about women's lived experiences and contributions mentored by a faculty advisor. Intended for students enrolled in a study abroad program or a travel experience off campus, or for a student involved in a mentored research project with a faculty advisor.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

GWS 397R - Global Women's Studies: Editing for Publication

Course Information

Teaching Area (new)
GWS

Course Number
397R

Teaching Area
GWS

Course Title
Global Women's Studies: Editing for Publication

Course Description
Students will gain experience copy editing by working on AWE: A Woman's Experience, the student journal for the Global Women's Studies program. Students will work as a team and with a faculty mentor to publicize, edit, design, and publish the latest issue of the journal.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

GWS 398R - Global Women’s Studies Study Abroad Experience

Course Information

Course Number
398R

Teaching Area
GWS

Course Title
Global Women’s Studies Study Abroad Experience

Course Description
This course will focus on women’s contributions and women’s experiences on the global stage. Course content will be tailored to incorporate the materials and learning opportunities found in the location(s) selected for the Study Abroad program (subject to change annually).

Department
International and Area Studies

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Students must be accepted into a GWS or other approved Study Abroad program prior to enrollment.

Note
This course will only be offered in conjunction with a GWS approved Study Abroad or similar Experiential Learning opportunity.

Learning Outcomes

Title
Women and Society

Learning Outcome
Students will demonstrate knowledge of the ways different institutions (such as religion, education, media, family, government and law), issues (gender-based violence, health, representation in the media, the workplace), and factors (race, ethnicity, class, sexuality, ability) intersect with and affect women's lives.

Title
Women’s Contributions

Learning Outcome
Students will demonstrate knowledge of the worldwide contributions of women (individually and collectively) to history, culture, politics, health, sciences, religions, family, etc.

Title
Effective Communication and Analysis

Learning Outcome
Students will read, write, and think analytically. They will conduct research using primary and secondary sources and communicate that research effectively in oral, written, and multi-media presentations.

Title
Women and Stewardship

Learning Outcome
Students will be afforded opportunities in and outside the classroom to define and cultivate their personal, civic, and spiritual stewardships.

GWS 399R - Global Women's Studies Internship

Course Information

Teaching Area (new)
GWS

Course Number
399R

Teaching Area
GWS

Course Title
Global Women's Studies Internship

Course Description
Credit for work relating to issues affecting women's lives at an international, national, or local non-profit organization, business, or institution. Students will submit a written report of their internship experience.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Note
An APPROVED Internship Application is required before adding.

GWS 422 - Global Women's Studies Theory

Course Information

Teaching Area (new)
GWS

Course Number
422

Teaching Area
GWS

Course Title
Global Women's Studies Theory

Course Description
International historical and contemporary theories and analysis of gender inequality from a variety of fields, including anthropology, sociology, communication, psychology, philosophy, literature, and education.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
WS 222 or instructor permission

Learning Outcomes

Title
Primary Theoretical Texts

Tags
199725, 1

Learning Outcome
1. Students will be able to analyze and demonstrate a sound knowledge of a selection of primary documents related to historical and contemporary theories of women's studies.

Title
Research and Writing Skills

Tags
199726, 2

Learning Outcome
2. Students will be able to produce substantive and competent term papers and projects focused on issues raised by women's studies theories.

Title
Research and Writing Skills

Tags
199819, 1

Learning Outcome
2. Students will be able to produce substantive and competent term papers and projects focused on issues raised by women's studies theories.

Title
Primary Theoretical Texts

Tags
199821, 0

Learning Outcome
1. Students will be able to analyze and demonstrate a sound knowledge of a selection of primary documents related to historical and contemporary theories of women's studies.

GWS 492 - Global Women's Studies Capstone

Course Information

Teaching Area (new)
GWS

Course Number
492

Teaching Area
GWS

Course Title
Global Women's Studies Capstone

Course Description
Mentored research related to women or gender and leading to a senior capstone project and presentation.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge Application

Tags
199727, 2

Learning Outcome
2. Students will be able to apply their knowledge and experience from interdisciplinary women's studies courses to their mentored research projects.

Title
Mentoring Experience

Tags
199728, 3

Learning Outcome
3. Students will be able to edit and refine their writing and presentation, and expand and develop their research and communication skills with guidance from their faculty mentors.

Title
Critical Thinking and Research

Tags
199836, 0

Learning Outcome
1. Students will demonstrate their ability to read, write, and think analytically, and to carry out original research through their capstone projects.

HAWAI 100 - Language Study: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
100

Teaching Area
HAWAI

Course Title
Language Study: Hawaiian

Course Description
Survival-level conversation, reading, listening, and culture skills in Hawaiian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195987, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195989, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195991, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

HAWAI 101 - First-Year Language Study: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
101

Teaching Area
HAWAI

Course Title
First-Year Language Study: Hawaiian

Course Description
Beginning speaking, listening, reading, and writing skills in Hawaiian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196004, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196005, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196006, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196008, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HAWAI 102 - First-Year Language Study: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
102

Teaching Area
HAWAI

Course Title
First-Year Language Study: Hawaiian

Course Description
Second-semester speaking, listening, reading, and writing skills in Hawaiian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HAWAI 101 - First-Year Language Study: Hawaiian

Note
Teacher may waive prerequisite based on prior experience.

HAWAI 201 - Second-Year Language Study: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
201

Teaching Area
HAWAI

Course Title
Second-Year Language Study: Hawaiian

Course Description
Intermediate speaking, listening, reading, and writing skills in Hawaiian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- HAWAI 102 - First-Year Language Study: Hawaiian

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 201R - Second-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196014, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196015, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196016, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196017, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

HAWAI 202 - Second-Year Language Study: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
202

Teaching Area
HAWAI

Course Title
Second-Year Language Study: Hawaiian

Course Description
Continued emphasis on Hawaiian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HAWAI 201 - Second-Year Language Study: Hawaiian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196018, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196019, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196020, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196021, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HAWAI 305 - Language Skills Development: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
305

Teaching Area
HAWAI

Course Title
Language Skills Development: Hawaiian

Course Description
Increasing proficiency in one or more of the following Hawaiian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196022, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196023, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196025, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

HAWAI 321 - Advanced Grammar: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
321

Teaching Area
HAWAI

Course Title
Advanced Grammar: Hawaiian

Course Description
Advance your Hawaiian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HAWAI 202 - Second-Year Language Study: Hawaiian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196027, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196028, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196029, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
330

Teaching Area
HAWAI

Course Title
Advanced Language Proficiency Through Cultural Studies: Hawaiian

Course Description
Study of Hawaiian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Hawai 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196030, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196032, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196033, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196034, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HAWAI 340 - Introduction to Literature: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
340

Teaching Area
HAWAI

Course Title
Introduction to Literature: Hawaiian

Course Description
Explore Hawaiian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196036, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196037, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196038, 3

Learning Outcome
Place literature in a meaningful cultural and historical context

Title
Language Skills

Tags
196039, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

HAWAI 350 - Advanced Language Study for Career Purposes: Hawaiian

Course Information

Teaching Area (new)
HAWAI

Course Number
350

Teaching Area
HAWAI

Course Title
Advanced Language Study for Career Purposes: Hawaiian

Course Description
Concentration on Hawaiian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HAWAI 330 - Advanced Language Proficiency Through Cultural Studies: Hawaiian

Learning Outcomes

Title
Defined Career Purposes

Tags
196040, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196041, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196042, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196043, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196044, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

HCOLL 310 - Humanities in Professional Life

Course Information

Teaching Area (new)
HCOLL

Course Number
310

Teaching Area
HCOLL

Course Title
Humanities in Professional Life

Course Description
This course helps students frame their humanities experience as professional preparation. Students will learn how to translate the unique value of their degree as they pursue a variety of professional paths. In short, this class will explore what a Humanities graduate can do and why humanistic study meets so many needs in the modern workplace. By focusing on core professional competencies, students will find ways to make their major coursework relevant to life after graduation.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding

Tags
199870, 1

Learning Outcome
Students will be understand the nature of the Humanities programs, what expectations are for them throughout their program, and what employment opportunities are available to Humanities graduates.

HCOLL 396R - Professional Internship Preparation

Course Information

Teaching Area (new)
HCOLL

Course Number
396R

Teaching Area
HCOLL

Course Title
Professional Internship Preparation

Course Description
Preparation to make an internship a professionally relevant experience. Professional competencies employers value most and how to develop them throughout the internship. Focus on professional competencies and the internship to identify ways to take initiative, add value, and successfully position for next steps in a career.

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Experience

Tags
199809, 1

Learning Outcome
Practice leadership while serving on the Humanities student council.

Title
Skills

Tags
199840, 0

Learning Outcome
Learn skills that will enable service on the Humanities student council

Title
Skills

Tags
199898, 1

Learning Outcome
Learn skills that will enable service on the Humanities student council

Title
Experience

Tags
199899, 2

Learning Outcome
Practice leadership while serving on the Humanities student council.

HCOLL 399R - Professional Internship

Course Information

Teaching Area (new)
HCOLL

Course Number
399R

Teaching Area
HCOLL

Course Title
Professional Internship

Course Description
This course helps students initiate a series of professional experiences, while on their internship, that allow them to develop and demonstrate understanding of key competencies in professional contexts. Students will learn how to harness intention, feedback, reflection, and integration of new learning to translate the value of the professional competencies into a powerful, evidence-based story of what they offer future employers.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Recommended
HCOLL 396R; HCOLL 396R.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Competencies

Tags
209548, 0, 1

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

Title
Reflection

Tags
209549, 0, 2

Learning Outcome
Students will be able to translate the value of professional development experience through guided reflection activites in order to tell their story.

Title
Mastery

Tags
199901, 1

Learning Outcome
Create and document a series of meaningful internship experiences yielding evidence of professional skills mastery and deeper self-awareness.

HCOLL 480R - Readings in Humanities and Leadership

Course Information

Teaching Area (new)
HCOLL

Course Number
480R

Teaching Area
HCOLL

Course Title
Readings in Humanities and Leadership

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Interdisciplinary study

Tags
199813, 0

Learning Outcome
Make connections among Humanities disciplines in order to address a question or problem that reaches across those fields.

Title
Independent research

Tags
199832, 1

Learning Outcome
Research and report upon findings regarding an interdisciplinary problem or question in the Humanities.

HCOLL 480R - Humanities Research Seminar

Course Information

Teaching Area (new)
HCOLL

Course Number
480R

Teaching Area
HCOLL

Course Title
Humanities Research Seminar

Course Description
Research, writing, and discussion exploring enduring questions from perspectives offered by humanities disciplines.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Independent research

Tags
199831, 1

Learning Outcome
Research and report upon findings regarding an interdisciplinary problem or question in the Humanities.

Title
Interdisciplinary study

Tags
199838, 0

Learning Outcome
Make connections among Humanities disciplines in order to address a question or problem that reaches across those fields.

Title
Research

Tags
199868, 1

Learning Outcome
Students will select a research topic, collect and analyze data, and produce a document summarizing the topic, methods of data collection and analysis, and results of the research.

HCOLL 490R - Humanities Lecture Series

Course Information

Teaching Area (new)
HCOLL

Course Number
490R

Teaching Area
HCOLL

Course Title
Humanities Lecture Series

Course Description
Lecture and discussion by scholars in the humanities, with supplementary reading and writing.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
199852, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area

HCOLL 494R - Humanities On-campus Experiential Projects

Course Information

Teaching Area (new)
HCOLL

Course Number
494R

Teaching Area
HCOLL

Course Title
Humanities On-campus Experiential Projects

Course Description
Practical, on-campus (not in the field) projects in which education is directly applied to real-world solutions for companies and other organizations. Students apply and are accepted to work on specific projects based on their skills, interests, and major emphasis.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0.5

Learning Outcomes

Title
Application

Tags
199853, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge in a chosen specialty area and complete a special project based on that area of study.

HEB 100R - Introduction to Hebrew

Course Information

Teaching Area (new)
HEB

Course Number
100R

Teaching Area
HEB

Course Title
Introduction to Hebrew

Course Description
Beginning Hebrew.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Hebrew 100R Learning Outcomes:

Tags
189508, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:
- Speak Modern Hebrew at beginning levels
- Read and engage beginning level texts in Hebrew, and express thoughts and ideas in written Hebrew
- Understand the modern Israeli cultural tradition (including music, art, and literature)

HEB 101 - First-Year Modern Hebrew 1

Course Information

Teaching Area (new)
HEB

Course Number
101

Teaching Area
HEB

Course Title
First-Year Modern Hebrew 1

Course Description
Modern Hebrew as spoken in Israel today.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Speaking

Tags
189785, 2

Learning Outcome
Speak Hebrew at beginning levels, utililizing present tense verbs.

Title
Reading

Tags
189786, 3

Learning Outcome
Read and engage beginning level texts in Hebrew.

Title
Culture

Tags
189789, 4

Learning Outcome
Appreciate and value Israeli cultural tradition.

HEB 102 - First-Year Modern Hebrew 2

Course Information

Teaching Area (new)
HEB

Course Number
102

Teaching Area
HEB

Course Title
First-Year Modern Hebrew 2

Course Description
Modern Hebrew as spoken in Israel today.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Speaking

Tags
189783, 2

Learning Outcome
Speak Hebrew at beginning levels, utilizing present and past tense verbs.

Title
Reading

Tags
189784, 3

Learning Outcome
Read and engage beginning level texts in Hebrew.

Title
Culture

Tags
189790, 4

Learning Outcome
Appreciate and value Israeli cultural tradition.

HEB 131 - First-Year Biblical Hebrew

Course Information

Teaching Area (new)
HEB

Course Number
131

Teaching Area
HEB

Course Title
First-Year Biblical Hebrew

Course Description
Old Testament Hebrew. Provides foundation in grammar and vocabulary; reading Hebrew prose texts in Bible.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Hebrew 131 Learning Outcomes

Tags
189657, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to: 1. Recite the Hebrew alphabet and recognize the vowels; 2. Analyze and discuss most of the fundamental elements of Hebrew grammar; 3. Read and translate elemental biblical historical narrative texts with limited use of a lexicon; 4. Analyze and parse the verbal system: Pa'al (Qal); 5. Define approximately 315 vocabulary words from the Hebrew Bible.

HEB 132 - First-Year Biblical Hebrew

Course Information

Teaching Area (new)
HEB

Course Number
132

Teaching Area
HEB

Course Title
First-Year Biblical Hebrew

Course Description
Old Testament Hebrew. Provides foundation in grammar and vocabulary; reading Hebrew prose texts in Bible.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 131 - First-Year Biblical Hebrew

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Hebrew 132 Learning Outcomes

Tags
189658, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to: 1. Analyze and discuss the fundamental elements of Hebrew grammar. 2. Read and translate elemental biblical historical narrative texts with limited use of a lexicon. 3. Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael. 4. Define approximately 400 vocabulary words from the Hebrew Bible.

HEB 201 - Second-Year Modern Hebrew 1

Course Information

Teaching Area (new)
HEB

Course Number
201

Teaching Area
HEB

Course Title
Second-Year Modern Hebrew 1

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Heb 102 or equivalent.

Learning Outcomes

Title
Reading

Tags
189493, 3

Learning Outcome
Read and comprehend intermediate level texts in modern Hebrew, including newspapers and Israeli literature

Title
Speaking

Tags
189787, 1

Learning Outcome
Speak Hebrew at intermediate levels, demonstrating an ability to communicate with others

Title
Writing

Tags
189788, 4

Learning Outcome
Write in Hebrew at the intermediate level

Title
Culture

Tags
189792, 5

Learning Outcome
Appreciate and value Israeli cultural tradition.

HEB 202 - Second-Year Modern Hebrew 2

Course Information

Teaching Area (new)
HEB

Course Number
202

Teaching Area
HEB

Course Title
Second-Year Modern Hebrew 2

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Heb 201 or equivalent.

Learning Outcomes

Title
Speaking

Tags
189494, 1

Learning Outcome
Speak Modern Hebrew at intermediate levels, demonstrating an ability to communicate with others.

Title
Reading

Tags
189495, 2

Learning Outcome
Read and comprehend intermediate level texts in Modern Hebrew, including newspapers and Modern Israeli literature.

Title
Writing

Tags
189496, 4

Learning Outcome
Express thoughts and ideas in writing Modern Hebrew at the intermediate level.

Title
Culture

Tags
189794, 5

Learning Outcome
Appreciate and value the modern Israeli cultural tradition.

HEB 211R - Hebrew Conversation

Course Information

Teaching Area (new)
HEB

Course Number
211R

Teaching Area
HEB

Course Title
Hebrew Conversation

Course Description
Daily practice speaking and understanding Modern Hebrew, beginning at the ACTFL *intermediate-low* level.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 102 - First-Year Modern Hebrew 2

Learning Outcomes

Title
1. Expected learning outcomes:

Tags
189717, 1

Learning Outcome
a. Students will learn to speak Modern Hebrew with more accurate pronunciation, accent and intonation.
b. Students will be able to understand spoken Modern Hebrew with greater accuracy.
c. Students will acquire facility in using Modern Hebrew to discuss daily life situations in their apartments.

HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

Course Information

Teaching Area (new)
HEB

Course Number
231

Teaching Area
HEB

Course Title
Second-Year Biblical Hebrew - Grammar and Narrative

Course Description
Review of Hebrew verb forms and parsing, as well as practice in reading Hebrew narrative prose passages.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- HEB 132 - First-Year Biblical Hebrew

Learning Outcomes

Title
Vocabulary

Tags
189699, 0, 5

Learning Outcome
Define approximately 400 vocabulary words

Title
Verbal system

Tags
189698, 0, 4

Learning Outcome
Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael.

Title
Translation

Tags
189697, 0, 3

Learning Outcome
Read and translate elemental biblical historical narrative texts with limited use of a lexicon.

Title
Fundamental Hebrew grammar

Tags
189696, 0, 2

Learning Outcome
Analyze and discuss the fundamental elements of Hebrew grammar

HEB 232 - Second-Year Biblical Hebrew - Narrative 2

Course Information

Teaching Area (new)
HEB

Course Number
232

Teaching Area
HEB

Course Title
Second-Year Biblical Hebrew - Narrative 2

Course Description
Continuation of practice in reading Biblical Hebrew narrative prose passages as well as parsing Hebrew verb forms.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 231 - Second-Year Biblical Hebrew - Grammar and Narrative

Learning Outcomes

Title
Hebrew grammar

Tags
189700, 1

Learning Outcome
Analyze and discuss the fundamental elements of Hebrew grammar.

Title
Translation

Tags
189701, 2

Learning Outcome
Read and translate elemental biblical historical narrative texts with limited use of a lexicon.

Title
Verbal system

Tags
189702, 3

Learning Outcome
3. Analyze and parse the verbal system: pa'al, niphal, piel, pual, hiphil, hophal, hithpael.

Title
Vocabulary

Tags
189703, 4

Learning Outcome
4. Define approximately 400 vocabulary words.

HEB 301 - Third-Year Modern Hebrew 1

Course Information

Teaching Area (new)
HEB

Course Number
301

Teaching Area
HEB

Course Title
Third-Year Modern Hebrew 1

Course Description
Intermediate-advanced modern Hebrew as spoken in Israel today.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
Heb 202 or equivalent.

Learning Outcomes

Title
Hebrew 301 Learning Outcomes

Tags
189497, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:
-Speak Modern Hebrew at intermediate-advanced levels, utilizing all tenses and verb systems
- Read and comprehend intermediate-advanced level texts in modern Hebrew, and write in Modern Hebrew at the intermediate-advanced level
- Understand the modern Israeli cultural tradition (including music, art, and literature)

HEB 302 - Third-Year Modern Hebrew 2

Course Information

Teaching Area (new)
HEB

Course Number
302

Teaching Area
HEB

Course Title
Third-Year Modern Hebrew 2

Course Description
Advanced modern Hebrew as spoken in Israel today.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
Heb 301 or equivalent.

Learning Outcomes

Title
Hebrew 302 Learning Outcomes

Tags
189498, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:
- Speak Modern Hebrew at advanced levels, utilizing all tenses and verb systems
- Read and comprehend advanced level texts in Modern Hebrew, and express thoughts and ideas in written Modern Hebrew at the advanced level
- Understand the modern Israeli cultural tradition (including music, art, and literature)

HEB 311R - Intermediate Conversation

Course Information

Teaching Area (new)
HEB

Course Number
311R

Teaching Area
HEB

Course Title
Intermediate Conversation

Course Description
Hebrew 311R builds upon skills acquired in first-year and second-year Modern Hebrew classes and emphasizes vocabulary building and conversational fluency in a variety of authentic cultural and social contexts.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
1

Max:
2

Lecture Hours

Min:
1

Max:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
189791, 2

Learning Outcome
Speak Hebrew at intermediate levels, demonstrating the ability to communicate with others in culturally appropriate ways.

Title
Culture

Tags
189793, 3

Learning Outcome
Appreciate and value Israeli cultural tradition.

HEB 312 - Hebrew Media

Course Information

Teaching Area (new)
HEB

Course Number
312

Teaching Area
HEB

Course Title
Hebrew Media

Course Description
Emphasizes reading, aural comprehension, and speaking Hebrew. Includes newspaper reading, listening to local news on radio and television, and in-class discussion of current events.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 101 - First-Year Modern Hebrew 1
  AND HEB 102 - First-Year Modern Hebrew 2

Note
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter programs only.

HEB 313 - Readings in the Old Testament

Course Information

Teaching Area (new)
HEB

Course Number
313

Teaching Area
HEB

Course Title
Readings in the Old Testament

Course Description
Readings in the Old Testament in Hebrew.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

Learning Outcomes

Title
Knowledge

Tags
189672, 1

HEB 314R - Intermediate Hebrew Language in Jerusalem

Course Information

Teaching Area (new)
HEB

Course Number
314R

Teaching Area
HEB

Course Title
Intermediate Hebrew Language in Jerusalem

Course Description
Emphasizes intermediate conversation in everyday situations. Students role play various situations in class and then apply learning in Jerusalem.

Department
Asian and Near Eastern Languages

When Taught
Spring and Summer Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 202 - Second-Year Modern Hebrew 2

Note
Offered at the Jerusalem Center for Near Eastern Studies only. Replaces Jerusalem Center core course equivalent of Hebrew 100R.

Learning Outcomes

Title
Knowledge

Tags
189673, 1

Learning Outcome
Students will deepen their understanding of Hebrew Language.

HEB 321 - Intermediate Conversation and Media

Course Information

Teaching Area (new)
HEB

Course Number
321

Teaching Area
HEB

Course Title
Intermediate Conversation and Media

Course Description
Capitalizing on daily life in Jerusalem to increase speaking, reading, writing, and listening comprehension in modern Hebrew.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 101 - First-Year Modern Hebrew 1
  AND HEB 102 - First-Year Modern Hebrew 2

Learning Outcomes

Title
Application

Tags
189674, 1

Learning Outcome
Students will deepen their understanding of Hebrew Language in conversation.

HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

Course Information

Teaching Area (new)
HEB

Course Number
331

Teaching Area
HEB

Course Title
Third-Year Biblical Hebrew - Prophecy and Poetry 1

Course Description
Grammar review and vocabulary building through reading historical and prophetic books.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 232 - Second-Year Biblical Hebrew - Narrative 2

Other Prerequisites
HEB 232

Learning Outcomes

Title
Hebrew 331 Learning Outcomes

Tags
189659, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to: 1. Define the top 500 vocabulary words from the Hebrew Bible. 2. Analyze and discuss the fundamental elements of Hebrew grammar. 3. Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

HEB 332 - Third-Year Biblical Hebrew - Prophecy and Poetry 2

Course Information

Teaching Area (new)
HEB

Course Number
332

Teaching Area
HEB

Course Title
Third-Year Biblical Hebrew - Prophecy and Poetry 2

Course Description
Readings in Biblical Hebrew poetry, including prophetic and wisdom literature.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

Other Prerequisites
Heb 331

Learning Outcomes

Title
Vocabulary

Tags
189704, 1

Learning Outcome
Define the top 600 vocabulary words from the Hebrew Bible.

Title
Hebrew grammar

Tags
189705, 2

Learning Outcome
Analyze and discuss the fundamental elements of Hebrew grammar.

Title
Verbal system

Tags
189706, 3

Learning Outcome
Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

Title
Poetry and figures of speech

Tags
189707, 4

Learning Outcome
Understand elemental forms of Hebrew parallelistic poetry and figures of speech.

HEB 341R - Studies in Hebrew Culture

Course Information

Teaching Area (new)
HEB

Course Number
341R

Teaching Area
HEB

Course Title
Studies in Hebrew Culture

Course Description
Examining and focusing on various topics in Israeli and Hebrew culture, such as history geography, film, literature, language, linguistics, political issues, social structure, philosophy, religion, aesthetics, art, and music.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Learning Outcomes

Title
Culture

Tags
189795, 2

Learning Outcome
Appreciate and value Israeli cultural tradition.

HEB 346R - Israeli and Jewish Civilization

Course Information

Teaching Area (new)
HEB

Course Number
346R

Teaching Area
HEB

Course Title
Israeli and Jewish Civilization

Course Description
Social science/humanities core course. Broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

Department
Asian and Near Eastern Languages

When Taught
Spring and Summer Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 202 - Second-Year Modern Hebrew 2

Note
Offered at the Jerusalem Center for Near Eastern Studies only. Replaces Jerusalem Center core course requirement of NES 349R (2 cr. hrs.). Does not receive GE credit.

Learning Outcomes

Title
Knowledge

Tags
189675, 1

Learning Outcome
Students will deepen their understanding of Isreali and Jewish Civilization.

HEB 411R - Advanced Conversation

Course Information

Teaching Area (new)
HEB

Course Number
411R

Teaching Area
HEB

Course Title
Advanced Conversation

Course Description
Emphasizes conversation in everyday situations. Students role play various situations in class and then apply their learning in Jerusalem.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
4

Other Prerequisites
Heb 311R or equivalent.

Note
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Heb 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411 (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

Learning Outcomes

Title
Speaking

Tags
189796, 2

Learning Outcome
Speak Modern Hebrew at advanced levels, demonstrating an ability to communicate with others.

HEB 421 - Readings in the Hebrew Translation of the New Testament

Course Information

Teaching Area (new)
HEB

Course Number
421

Teaching Area
HEB

Course Title
Readings in the Hebrew Translation of the New Testament

Course Description
Readings in the New Testament in Hebrew translation.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Heb 312 (Hebrew Media), Heb 313, Heb 411R (Advanced Conversation), and Hebrew 421 are offered in the intensive modern Hebrew program. Arab 312 (Arabic Media) and 411R (Advanced Conversation) are offered in the intensive modern Arabic program. The intensive Hebrew and Arabic programs are offered alternate years during the winter program only.

Learning Outcomes

Title
KNowledge

Tags
189676, 1

HEB 432R - Ancient Hebrew Texts

Course Information

Teaching Area (new)
HEB

Course Number
432R

Teaching Area
HEB

Course Title
Ancient Hebrew Texts

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

Learning Outcomes

Title
Hebrew 432R Learning Outcomes

Tags
189660, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to: 1. Define the top 1000 vocabulary words from the Hebrew Bible. 2. Analyze and discuss the fundamental elements of Hebrew grammar. 3. Analyze and categorize the verbal system: pa'al, piel, hiphil, hophal, niphal, pual, and hithpael.

HEB 441 - Postbiblical Hebrew: Mishnah

Course Information

Teaching Area (new)
HEB

Course Number
441

Teaching Area
HEB

Course Title
Postbiblical Hebrew: Mishnah

Course Description
Introduction to the grammar of Mishnaic Hebrew. Readings from various tractates of the Mishnah.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HEB 331 - Third-Year Biblical Hebrew - Prophecy and Poetry 1

Learning Outcomes

Title
Hebrew 441 Learning Outcomes

Tags
189365, 1

Learning Outcome
1. Explain the fundamental differences between Biblical Hebrew and Misnaic Hebrew grammar.
2. Read and translate (with the limited use of a Mishnaic Hebrew Dictionary) passages from the Mishnah.

HEB 490R - Individual Study in Hebrew

Course Information

Teaching Area (new)
HEB

Course Number
490R

Teaching Area
HEB

Course Title
Individual Study in Hebrew

Course Description
Focused acquisition of knowledge. Students will concentrate on a specific topic of study and increase their knowledge of and ability to use Hebrew language appropriate to that field.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Learning Outcomes

Title
Knowledge

Tags
189677, 1

Learning Outcome
Students will deepen their understanding of Hebrew special topics.

HILIG 100 - Language Study: Ilonggo/ Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
100

Teaching Area
HILIG

Course Title
Language Study: Ilonggo/Hiligaynon

Course Description
Survival-level conversation, reading, listening, and culture skills in Ilonggo/ Hiligaynon.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196045, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196046, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196047, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
101

Teaching Area
HILIG

Course Title
First-Year Language Study: Ilonggo/Hiligaynon

Course Description
Beginning speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196049, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196051, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196053, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196054, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
102

Teaching Area
HILIG

Course Title
First-Year Language Study: Ilonggo/Hiligaynon

Course Description
Second-semester speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HILIG 101 - First-Year Language Study: Ilonggo/Hiligaynon

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196010, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196011, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196012, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196013, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
201

Teaching Area
HILIG

Course Title
Second-Year Language Study: Ilonggo/Hiligaynon

Course Description
Intermediate speaking, listening, reading, and writing skills in Ilonggo/Hiligaynon.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HILIG 102 - First-Year Language Study: Ilonggo/Hiligaynon

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196058, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196059, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196062, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196064, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

HILIG 202 - Second-Year Language Study: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
202

Teaching Area
HILIG

Course Title
Second-Year Language Study: Ilonggo/Hiligaynon

Course Description
Continued emphasis on Ilonggo/Hiligaynon communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HILIG 201 - Second-Year Language Study: Ilonggo/Hiligaynon

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196066, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196067, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196068, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196070, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HILIG 305 - Language Skills Development: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
305

Teaching Area
HILIG

Course Title
Language Skills Development: Ilonggo/Hiligaynon

Course Description
Increasing proficiency in one or more of the following Ilonggo/Hiligaynon language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196072, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196074, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196076, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

HILIG 321 - Advanced Grammar: Ilonggo/ Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
321

Teaching Area
HILIG

Course Title
Advanced Grammar: Ilonggo/Hiligaynon

Course Description
Advance your Hiligaynon through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196077, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196078, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196079, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/ Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
330

Teaching Area
HILIG

Course Title
Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon

Course Description
Study of Ilonggo/Hiligaynon culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Hilig 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196080, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196081, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196082, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196083, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HILIG 340 - Introduction to Literature: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
340

Teaching Area
HILIG

Course Title
Introduction to Literature: Ilonggo/Hiligaynon

Course Description
Explore Hiligaynon culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196084, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196085, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196086, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196087, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

HILIG 350 - Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon

Course Information

Teaching Area (new)
HILIG

Course Number
350

Teaching Area
HILIG

Course Title
Advanced Language Study for Career Purposes: Ilonggo/Hiligaynon

Course Description
Concentration on Ilonggo/Hiligaynon language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HILIG 330 - Advanced Language Proficiency Through Cultural Studies: Ilonggo/Hiligaynon

Learning Outcomes

Title
Defined Career Purposes

Tags
196088, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196089, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196090, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196091, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196092, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

HINDI 100 - Language Study: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
100

Teaching Area
HINDI

Course Title
Language Study: Hindi

Course Description
Survival-level conversation, reading, listening, and culture skills in Hindi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196093, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196094, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196095, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

HINDI 101 - First-Year Language Study: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
101

Teaching Area
HINDI

Course Title
First-Year Language Study: Hindi

Course Description
Beginning speaking, listening, reading, and writing skills in Hindi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196096, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196097, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196098, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196099, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HINDI 102 - First-Year Language Study: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
102

Teaching Area
HINDI

Course Title
First-Year Language Study: Hindi

Course Description
Second-semester speaking, listening, reading, and writing skills in Hindi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HINDI 101 - First-Year Language Study: Hindi

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196100, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196101, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196102, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196103, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HINDI 201 - Second-Year Language Study: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
201

Teaching Area
HINDI

Course Title
Second-Year Language Study: Hindi

Course Description
Intermediate speaking, listening, reading, and writing skills in Hindi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- HINDI 102 - First-Year Language Study: Hindi

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196104, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196105, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196106, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196107, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

HINDI 202 - Second-Year Language Study: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
202

Teaching Area
HINDI

Course Title
Second-Year Language Study: Hindi

Course Description
Continued emphasis on Hindi communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- HINDI 201 - Second-Year Language Study: Hindi

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196108, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196109, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196110, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196111, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HINDI 305 - Language Skills Development: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
305

Teaching Area
HINDI

Course Title
Language Skills Development: Hindi

Course Description
Increasing proficiency in one or more of the following Hindi language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196112, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196113, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196114, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

HINDI 321 - Advanced Grammar: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
321

Teaching Area
HINDI

Course Title
Advanced Grammar: Hindi

Course Description
Advance your Hindi through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HINDI 202 - Second-Year Language Study: Hindi

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196115, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196116, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196117, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
330

Teaching Area
HINDI

Course Title
Advanced Language Proficiency Through Cultural Studies: Hindi

Course Description
Study of Hindi culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Hindi 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196118, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196119, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196120, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196121, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HINDI 340 - Introduction to Literature: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
340

Teaching Area
HINDI

Course Title
Introduction to Literature: Hindi

Course Description
Explore Hindi culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196122, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196123, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196124, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196125, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

HINDI 350 - Advanced Language Study for Career Purposes: Hindi

Course Information

Teaching Area (new)
HINDI

Course Number
350

Teaching Area
HINDI

Course Title
Advanced Language Study for Career Purposes: Hindi

Course Description
Concentration on Hindi language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HINDI 330 - Advanced Language Proficiency Through Cultural Studies: Hindi

Learning Outcomes

Title
Defined Career Purposes

Tags
196126, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196127, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196128, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196129, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196130, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

HIST 190 - Thetean Production

Course Information

Teaching Area (new)
HIST

Course Number
190

Teaching Area
HIST

Course Title
Thetean Production

Course Description
Editing, production, and publication of student academic journal "The Thetean."

Department
History

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 200 - The Historian's Craft.

Learning Outcomes

Title
Editing Experience

Tags
183572, 1

Learning Outcome
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

Title
Publication Experience

Tags
183573, 2

Learning Outcome
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

Title
Editing Experience

Tags
183575, 1

Learning Outcome
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

Title
Publication Experience

Tags
183576, 2

Learning Outcome
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

Title
Editing Experience

Tags
183577, 1

Learning Outcome
Students will gain experience in reviewing and editing the research of their peers; this research will be published in the history department's research journal, the Thetean.

Title
Publication Experience

Tags
183578, 2

Learning Outcome
Students will gain experience in the practicalities of research publication by producing an issue of the history department's research journal, the Thetean.

HIST 200 - The Historian's Craft.

Course Information

Teaching Area (new)
HIST

Course Number
200

Teaching Area
HIST

Course Title
The Historian's Craft.

Course Description
History within the broader framework of liberal education; nature of history; questions historians ask; skills and resources needed to study, understand, and write history.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Required of all history majors.

Learning Outcomes

Title
Critical Analysis

Tags
182921, 1

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions.

Title
Effective Communication

Tags
183372, 2

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

Title
Effective and Ethical Research

Tags
183374, 1

Learning Outcome
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

HIST 201 - World Civilization to 1500

Course Information

Teaching Area (new)
HIST

Course Number
201

Teaching Area
HIST

Course Title
World Civilization to 1500

Course Description
World civilization from Greek antiquity to Renaissance; explores fundamental questions in the human experience, examines formative events in history, and seeks to teach value of important texts.

Department
History

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Critical Analysis

Tags
182922, 1

Learning Outcome
Be able to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions

Title
Analytical Reading

Tags
182923, 2

Learning Outcome
Be able to read, analyze, and discuss both primary and secondary source documents dealing with world history (pre-1500 C.E.).

Title
Cultural Works and Values

Tags
182973, 5

Learning Outcome
Gain an appreciation of influential cultural works produced in a variety of pre-modern societies and through them come to a clearer understanding of the fundamental values held by past peoples-including, how they understood the natural world, what it meant to be human, and their relationship with the divine.

Title
Lifelong Learning

Tags
182974, 6

Learning Outcome
Recognize and be able to apply the tools necessary for a lifelong appreciation of the study of world history.

Title
Historical and Geographical Knowledge

Tags
183324, 1

Learning Outcome
Demonstrate a basic geographical knowledge of the world, and more importantly, develop the ability to discuss how geographical and environmental realities, as well as cross-regional interactions, have impacted historical development

Title
Historical Comparisons

Tags
183424, 1

Learning Outcome
Be able to identify major societies of the pre-1500 C.E. era and make historical comparisons between them, in regard to political systems, trade and economics, social structures, religious beliefs, and gender roles

Title
Analytical Writing

Tags
183378, 5

Learning Outcome
Improve the clarity and grace of their analytical writing.

HIST 202 - World Civilization from 1500

Course Information

Teaching Area (new)
HIST

Course Number
202

Teaching Area
HIST

Course Title
World Civilization from 1500

Course Description
World civilization from Renaissance to present; explores fundamental questions in the human experience, examines formative events in history, and seeks to teach value of important texts.

Department
History

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Cultural Works and Values

Tags
182975, 3

Learning Outcome
Gain an appreciation of influential cultural works produced in a variety of modern societies and through them come to a clearer understanding of the fundamental values held by past peoples-including, how they understood the natural world, what it meant to be human, and their relationship with the divine.

Title
Historical and Geographical Knowledge

Tags
183287, 1

Learning Outcome
Demonstrate a basic geographical knowledge of the world, and more importantly, develop the ability to discuss how geographical and environmental realities, as well as cross-regional interactions, have impacted historical development.

Title
Analytical Writing

Tags
183316, 5

Learning Outcome
Improve the clarity and grace of analytical writing.

Title
Critical Analysis

Tags
183336, 3

Learning Outcome
Be able to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions.

Title
Analytical Reading

Tags
183380, 4

Learning Outcome
Be able to read, analyze, and discuss both primary and secondary source documents dealing with world history (post-1500 C.E.).

Title
Historical Comparisons

Tags
183389, 1

Learning Outcome
Be able to identify major societies of the post-1500 C.E. era and make historical comparisons between them, in regard to political systems, trade and economics, social structures, religious beliefs, and gender roles.

Title
Lifelong Learning

Tags
183332, 6

Learning Outcome
Recognize and be able to apply the tools necessary for a lifelong appreciation of the study of world history

HIST 205 - Introduction to Family History Doctrine and Practice

Course Information

Teaching Area (new)
HIST

Course Number
205

Teaching Area
HIST

Course Title
Introduction to Family History Doctrine and Practice

Course Description
Introduces basic genealogy and family history doctrine and genealogical methodology, emphasizing living memory, preservation, FamilySearch Family Tree, software, and citation.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
This course partially fulfills the religion elective requirement. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Doctrine

Tags
212345, 0, 1

Learning Outcome

Students will gain an understanding and appreciation of the connection between the Savior's atonement, family history work, and temple worship.

Title
Policies and Procedures for Temple Work

Tags
212346, 0, 2

Learning Outcome

Students will understand the policies and procedures related to submitting ancestral names for proxy temple ordinances.

Title
Church History

Tags
212348, 0, 4

Learning Outcome
Students will understand the history of Latter-day Saint genealogical and temple practices, doctrines, and beliefs.

Title
Practical Skills

Tags
212347, 0, 3

Learning Outcome
Students will learn practical skills that help them turn their hearts to their ancestors, including practical skills in family historical/genealogical research and citation, methodology, record preservation, and writing.

HIST 206R - Regional and Thematic Studies in Family History

Course Information

Teaching Area (new)
HIST

Course Number
206R

Teaching Area
HIST

Course Title
Regional and Thematic Studies in Family History

Course Description
Exploration of sound genealogy/family history research methods and genealogical resources available for specified regions, countries, ethnicities, and/or language groups.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Doctrine

Tags
212349, 0, 1

Learning Outcome

Students will gain an understanding and appreciation of the connection between the Savior's atonement, family history work, and temple worship.

Title
Practical Skills

Tags
212350, 0, 2

Learning Outcome

Students will learn practical skills that help them turn their hearts to their ancestors, including practical skills in family historical/genealogical research and citation, methodology, record preservation, and writing.

Title
Research

Tags
212351, 0, 3

Learning Outcome

Students will learn family historical research and writing skills for a particular language, region, ethnic group, religious group, or methodological approach.

HIST 217 - The Family Historian's Craft

Course Information

Teaching Area (new)
HIST

Course Number
217

Teaching Area
HIST

Course Title
The Family Historian's Craft

Course Description
Introduction to genealogical methods applicable in American and international research. Discussion of technology in genealogical research and introduction to censuses and vital records (US and international).

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Research

Tags
212352, 0, 1

Learning Outcome
Students will be able to identify and solve basic historical and genealogical problems through primary and secondary source research (particularly census and vital records), using library, archival and technological resources.

Title
Writing

Tags
212353, 0, 2

Learning Outcome
Students will be able to produce genealogical research reports and narrative family histories that are clear, precise, well-written, and well-documented.

HIST 218 - The Family and the Law in American History

Course Information

Teaching Area (new)
HIST

Course Number
218

Teaching Area
HIST

Course Title
The Family and the Law in American History

Course Description
The interaction of families with law and government as illustrated in original American sources; individual family histories reconstructed in the broader perspective of history.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Research Methodology

Tags
182938, 1

Learning Outcome
Students will be able to identify and solve basic historical and genealogical problems in the United States through primary and secondary source research, using library, archival and technological resources

Title
Incorporate Historical Background

Tags
182939, 2

Learning Outcome
Students will be able to recognize and incorporate the historical background of the time and place in their genealogical research

Title
Evidentiary Analysis

Tags
182940, 3

Learning Outcome
Students will be able to utilize a significant range of skills and abilities in critical genealogical evidentiary analysis and be able to distinguish that from historical analysis

Title
Knowledge of Sources

Tags
183000, 4

Learning Outcome
Students will be able to demonstrate content knowledge of primary historical sources for the United States

Title
Effective Communication

Tags
183355, 1

Learning Outcome
Students will be able to produce genealogical research reports and narrative family histories and compiled lineages that are clear, precise and well-written;

Title
Apply Research Skills

Tags
183426, 4

Learning Outcome
Students will be able to apply research skills learned to the search for their own ancestors and to assist others in their searches in the United States;

Title
Using Genealogical Technology

Tags
183428, 0, 6

Learning Outcome
Students will be able to explain the roles of New.FamilySearch.org and other FamilySearch.org programs, integrating in the process the academic knowledge from this course with a testimony of the current direction of family history in the Chiurch of Jesus Christ of Latter-day Saints.

HIST 220 - The United States Through 1877

Course Information

Teaching Area (new)
HIST

Course Number
220

Teaching Area
HIST

Course Title
The United States Through 1877

Course Description
Discovery, colonization, American Revolution, estabishment of the Constitution, foreign affairs, westward expansion, slavery, sectionalism, Civil War, and reconstruction.

Department
History

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Critical Analysis

Tags
182924, 1

Learning Outcome
Hone the ability to analyze questions and issues in American history to 1877, assess historical information accurately, and distinguish between questionable and valid historical assertions in exams and papers.

Title
American History to 1877

Tags
182976, 2

Learning Outcome
Gain knowledge of some of the major developments in American history to 1877 (discovery, colonization, American Revolution, establishment of the Constitution, foreign affairs, westward expansion, gender, slavery, sectionalism, Civil War, and Reconstruction), including an understanding of key historical terms and theories. Demonstrate this knowledge in exams, papers, and class discussions.

Title
Effective Communication

Tags
183333, 4

Learning Outcome
Learn to skiillfully integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, class discussion, and other classroom learning activities.

Title
Research Skills and Ethics

Tags
183383, 3

Learning Outcome
Learn through example and practice in classroom activities, papers, and exams to evaluate primary and secondary sources skillfully and honestly.

HIST 221 - The United States Since 1877

Course Information

Teaching Area (new)
HIST

Course Number
221

Teaching Area
HIST

Course Title
The United States Since 1877

Course Description
Industrialization, immigration, urbanization, political and social movements, and foreign policy.

Department
History

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
American History 1877 to Present

Tags
182977, 1

Learning Outcome
Gain knowledge of some of the major developments in American history from 1877 to the present (industrialization, immigration, urbanization, political and social movements, gender, and foreign policy), including an understanding of key historical terms and theories. Demonstrate this knowledge in exams, papers, and class discussion.

Title
Critical Analysis

Tags
183299, 2

Learning Outcome
Hone the ability to analyze historical questions and issues in American history from 1877 to the present, assess historical information accurately, and distinguish between questionable and valid historical assertions in exams and papers.

Title
Effective Communication

Tags
183327, 4

Learning Outcome
Learn to integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, class discussions, and other classroom learning activities.

Title
Research Skills and Ethics

Tags
183413, 3

Learning Outcome
Learn from example and practice in classroom activities, papers, and exams to evaluate primary and secondary sources skillfully and honestly.

HIST 231 - Introduction to East Asian History

Course Information

Teaching Area (new)
HIST

Course Number
231

Teaching Area
HIST

Course Title
Introduction to East Asian History

Course Description
Major themes in the history, thought, and culture of Asian societies from antiquity to the present.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
182925, 1

Learning Outcome
Students will be able to analyze historical arguments.

Title
Historical Knowledge of Asia

Tags
182978, 2

Learning Outcome
Students will be able to explain and analyze the major political, economic, and social developments in the history of China, Korea, and Japan from antiquity to the present

Title
Research Literature

Tags
183282, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Interpretation

Tags
183405, 2

Learning Outcome
Students will be able to interpret and discuss the meaning and significance of historical events on contemporary identity and foreign relations.

HIST 232 - Introduction to the History of Christianity

Course Information

Teaching Area (new)
HIST

Course Number
232

Teaching Area
HIST

Course Title
Introduction to the History of Christianity

Course Description
Survey of major developments in Christianity from its origins in the ancient Roman Empire to its global presence today.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical knowledge of Christianity and Christian movements

Tags
183554, 1

Learning Outcome
Students will be able to explain and analyze the basic developments in Christianity from its origins in the Roman Empire to its various manifestations around the world today.

Title
Analysis of primary sources

Tags
183555, 2

Learning Outcome
Students will learn to analyze and interpret brief primary short documents from each major historical period in Christian history.

Title
Oral communication

Tags
183556, 3

Learning Outcome
Students will be able to debate and discuss the meaning of developments in Christian history and documents dealing with Christian history with peers of all Christian faiths.

HIST 238 - Ancient Near East to 330 BC

Course Information

Teaching Area (new)
HIST

Course Number
238

Teaching Area
HIST

Course Title
Ancient Near East to 330 BC

Course Description
Ancient cultures of the Near East (Egypt, Mesopotamia, Syro-Palestine, Anatolia, Iran) from the beginnings of civilization to the conquests of Alexander the Great.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Ancient Near East

Tags
182979, 1

Learning Outcome
Students will gain a historical consciousness of the Ancient Near East by demonstrating a critical literacy of major developments in Ancient Near East history, key historical terms, primary sources, and narratives of Ancient Near East history up to Alexander.

Title
Effective and Ethical Research

Tags
183262, 2

Learning Outcome
Students will develop use of the historical method of research effectively by skillfully and honestly using primary and secondary sources in the formation of answers to major questions surrounding the narratives of the ancient Near East

Title
Critical Analysis

Tags
183297, 1

Learning Outcome
Students will develop an ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions about ancient Near East primary sources.

Title
Analytical Writing

Tags
183418, 3

Learning Outcome
Students will develop their writing ability through a range of pre-writing and writing assignments.

HIST 239 - Ancient Near East, 330 BC - 640 AD

Course Information

Teaching Area (new)
HIST

Course Number
239

Teaching Area
HIST

Course Title
Ancient Near East, 330 BC - 640 AD

Course Description
Cultures and empires of the Near East (Persia, Hellenistic kingdoms, Judaism, early Christianity, Rome, and Byzantium) from Alexander the Great to the Arab conquests.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Hellenistic, Christian Near East

Tags
182926, 1

Learning Outcome
Gain a firsthand understanding of the Hellenistic and Christian Near East through studying and analyzing primary sources, using a template of (suggested) questions

Title
Critical Analysis

Tags
182927, 6

Learning Outcome
Understand how the political and social changes in the Eastern Mediterranean in the Hellenistic period contributed to the development of science, technology, philosophy, and religion

Title
Historical Knowledge of Origins of Christianity

Tags
182928, 2

Learning Outcome
Understand the basic historical issues surrounding the origin of Christianity

Title
Historical Knowledge of Christian Roman Empire

Tags
182929, 3

Learning Outcome
Understand the development of the Christian Roman Empire (Byzantium)

Title
Understand Faith and Reason

Tags
183329, 4

Learning Outcome
Understand basic issues of faith and reason, as they relate to Christianity and Judaism in the formative period of the former

Title
Research Literature

Tags
183354, 5

Learning Outcome
Master an early Christian primary source well enough to present, as a group, its gist, meaning, and significance

HIST 240 - Middle East History to 1800

Course Information

Teaching Area (new)
HIST

Course Number
240

Teaching Area
HIST

Course Title
Middle East History to 1800

Course Description
History of the Middle East from the rise of Islam until 1800.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Islamic Near East 640-1800

Tags
182980, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, cultural and religious developments in the Islamic Near East between approximately AD 640-1800.

Title
Research Literature

Tags
183451, 1

Learning Outcome
Students will be able to analyze and interpret translations of primary source documents from the Islamic Near East.

HIST 241 - Middle East History from 1800

Course Information

Teaching Area (new)
HIST

Course Number
241

Teaching Area
HIST

Course Title
Middle East History from 1800

Course Description
History of the Middle East in the modern period form 1800; rise of nation states, relationship with West, role of Islam.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Middle East

Tags
182981, 1

Learning Outcome
Gain a historical consciousness by demonstrating a knowledge of major developments in Middle East and world history and understand key historical terms and theories.

Title
Effective Communication

Tags
183252, 2

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

Title
Research Literature

Tags
183348, 1

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions by using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

Title
Faith and Reason

Tags
183449, 3

Learning Outcome
Demonstrate how faith and reason intersect.

HIST 242R - (Hist-NES 347R) Arab and Islamic Civilization.

Course Information

Teaching Area (new)
HIST

Course Number
242R

Teaching Area
HIST

Course Title
(Hist-NES 347R) Arab and Islamic Civilization.

Course Description
Social science/humanities core course covering Arab and Islamic civilization; historical evolution of Middle East to present. Overview of modern Palestinian society.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Note
Elective credit for major and minor in Near Eastern Studies. Offered at the Jerusalem Center for Near Eastern Studies only. Does not receive GE credit.

Learning Outcomes

Title
Historical Knowledge

Tags
183579, 1

Learning Outcome
Students will analyze the major historical events that pertain to the history of Arab and Islamic Civilization.

Title
Analysis of Texts

Tags
183580, 2

Learning Outcome
Students will read and analyze historical texts (primary and secondary sources) dealing with Arab and Islamic Civilization.

Title
Historical Context for the Present

Tags
183581, 3

Learning Outcome
Students will be able to explain the historical context for the current political, economic, and cultural situation in the modern Middle East.

HIST 243R - (Hist-NES 349R) Jewish Civilization.

Course Information

Teaching Area (new)
HIST

Course Number
243R

Teaching Area
HIST

Course Title
(Hist-NES 349R) Jewish Civilization.

Course Description
Social science/humanities core course; broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Note
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only. Does not receive GE credit.

Learning Outcomes

Title
Historical Knowledge

Tags
183582, 1

Learning Outcome
Students will gain an understanding of the major historical events in Jewish history.

Title
Historical Ties to the Present

Tags
183583, 2

Learning Outcome
Students will be able to link historical events to modern developments in Jewish self-understanding and culture.

HIST 244 - Jewish History: A.D. 70 to the Present

Course Information

Teaching Area (new)
HIST

Course Number
244

Teaching Area
HIST

Course Title
Jewish History: A.D. 70 to the Present

Course Description
Jewish diaspora, Jewish life in Europe; Yiddish culture; development of Zionism; emergence of modern Israel; Jewish-Christian relations; Jewish contributions to culture and society in the United States.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Jewish History

Tags
182930, 1

Learning Outcome
Gain a historical consciousness by demonstrating an understanding of major developments in Jewish and history, and understand key historical terms and theories.

Title
Critical Analysis

Tags
182931, 2

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately and distinguish between questionable and valid historical assertions.

Title
Recognize Anti-Semitism

Tags
182932, 3

Learning Outcome
Recognize anti-Semitic arguments.

Title
Understand Jewish Identity

Tags
182933, 4

Learning Outcome
Gain an understanding of the complexities of modern Jewish identity.

Title
Appreciate Jewish Contributions

Tags
182934, 5

Learning Outcome
Appreciate the contribution of Jewish people to the world.

Title
Analytical Writing

Tags
183290, 3

Learning Outcome
Skillfully integrate sources into a coherent argument expressed through a clear, well-written style and throrough oral communication.

Title
Effective and Ethical Research

Tags
183315, 2

Learning Outcome
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using interdisciplinary prinary and secondary sources.

HIST 250 - Europe 1500 to the Present

Course Information

Teaching Area (new)
HIST

Course Number
250

Teaching Area
HIST

Course Title
Europe 1500 to the Present

Course Description
Overview of key political, cultural, economic and social developments in Europe during the early modern and modern periods, 1500—Present.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
WRTG 150

Learning Outcomes

Title
Historical knowledge of key events in European history

Tags
183500, 1

Learning Outcome
Demonstrate a solid understanding of key ideas, events and individuals in the political, social and cultural history of Europe from 1500 to the present.

Title
Geographical knowledge of Europe

Tags
183501, 2

Learning Outcome
Demonstrate a basic geographical knowledge of Europe, as well as an understanding of the complexities and limitations of the notion of European unity.

Title
Historical analysis of the growth of European unity

Tags
183502, 3

Learning Outcome
Trace and explain the transformation of Europe from the rivalries and divisions of the early modern period to its current state of union.

Title
Historiographical knowledge and analysis

Tags
183503, 4

Learning Outcome
Show the ability to analyze historical debates and questions with accuracy and balance.

Title
Reading and analysis of primary and secondary sources

Tags
183504, 5

Learning Outcome
Learn to read, analyze, and discuss both primary and secondary source documents dealing with European history.

Title
Historical writing

Tags
183505, 6

Learning Outcome
Refine the clarity and grace of analytical writing and speaking skills.

HIST 251 - Conquest and Colonization of Latin America.

Course Information

Teaching Area (new)
HIST

Course Number
251

Teaching Area
HIST

Course Title
Conquest and Colonization of Latin America.

Course Description
Pre-Columbian civilizations, Iberian exploration and conquest of the New World, and colonial development of Hispanic and Portuguese America from 1492 to 1823.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge of Latin America

Tags
183069, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, religious, and cultural characteristics of Spanish and Portuguese colonialism in the Americas between 1492 and 1825.

Title
Research Literature

Tags
183271, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Analysis

Tags
183307, 3

Learning Outcome
Students will analyze historical questions and place them in historiographical context.

Title
Effective Communication

Tags
183414, 2

Learning Outcome
Students will gain experience in historical research and improve writing skills.

HIST 252 - Modern Latin America

Course Information

Teaching Area (new)
HIST

Course Number
252

Teaching Area
HIST

Course Title
Modern Latin America

Course Description
National period (1810 to present): independence, institutional development, culture, and inter-American relations.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge of Modern Latin America

Tags
182982, 1

Learning Outcome
Students will be exposed to the major economic, political, and cultural shifts that shaped the "modern" Latin American state in the nineteenth and twentieth century, as well as its variants, notably the cult of caudillo rule and its twentieth century offshoots

Title
Literature Survey and Analytical Writing

Tags
183070, 2

Learning Outcome
Students will either broaden their understanding of literature on one topic in Latin American history by way of an intensive literature survey or deepen their knowledge on a particular topic in Latin American history by way of an original research paper.

Title
Critical Discussions

Tags
183272, 2

Learning Outcome
Students will gain oral proficiency in discussing historiographical and thematic issues in modern Latin America during weekly discussion.

Title
Research Literature

Tags
183273, 1

Learning Outcome
Students will become conversant with major theoretical arguments and approaches to Latin American history in the contemporary era.

Title
Critical Analysis

Tags
183417, 4

Learning Outcome
Students will make connections between cultural and polotico-economic issues by way of a wide variety of course readings that expose students to literature, as well as traditional historical themes.

HIST 253 - Religion in Colonial Latin America

Course Information

Teaching Area (new)
HIST

Course Number
253

Teaching Area
HIST

Course Title
Religion in Colonial Latin America

Course Description
This course introduces students to the various religious beliefs of the indigenous peoples of Latin America, with an emphasis on Mesoamerica, while illustrating the myriad results of their colonial conversion to Catholicism.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 260 - Early Africa

Course Information

Teaching Area (new)
HIST

Course Number
260

Teaching Area
HIST

Course Title
Early Africa

Course Description
Explores the formation of African regional political traditions, the rise of fabled kingdoms, and the horrors of expanding slaving frontiers.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 261 - Modern Africa

Course Information

Teaching Area (new)
HIST

Course Number
261

Teaching Area
HIST

Course Title
Modern Africa

Course Description
Survey of the history of the African continent from circa 1800, focusing on experiences and perspectives of Africans. Topics may include culture and identity, colonialism, independence movements, religion, gender relations, the environment, and economic development.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Writing

Tags
183408, 3

Learning Outcome
Students will improve their ability to write clearly and organize evidence to build an argument

Title
Historical Knowledge of Modern Africa and its People

Tags
183635, 1

Learning Outcome
Students will gain a greater knowledge of major events, developments, and questions in modern African history and understand that African cultures and people have changed over time

Title
Critical Analysis

Tags
183636, 2

Learning Outcome
Students will improve their ability to weigh evidence, assess conflicting viewpoints, and evaluate arguments

Title
Self-examination through studies of race, identity, and liberation

Tags
183637, 4

Learning Outcome
Students will re-consider the way they interact with their own society and how Africa has related to the rest of the world by considering questions about identity, race, domination and liberation in African history

HIST 276 - Exploration of Teaching - Social Science

Course Information

Teaching Area (new)
HIST

Course Number
276

Teaching Area
HIST

Course Title
Exploration of Teaching - Social Science

Course Description
Field-based, initial teaching experience directed at helping prospective teachers experience the demands and opportunities associated with teaching secondary students.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

HIST 280 - Northern US Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
280

Teaching Area
HIST

Course Title
Northern US Family History Research and Methodology

Course Description
Records, geographical-historical background, paleography, and methodologies for reconstruction of invididual families and development of family history studies in the northern states, including New England, the Midwest, and some Mid-Atlantic states in the 19th and 20th centuries.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Competence in genealogical research reports

Tags
183561, 3

Learning Outcome
Students will be able to produce clear, well-written genealogical research reports demonstrating a high level of critical thinking in pedigree analysis and genealogical evidentiary analysis.

Title
Competence in writing compiled lineages

Tags
183562, 4

Learning Outcome
Students will be able to produce well-written compiled lineages that incorporate the historical background of the time, relating histories of individual families to larger historical processes.

Title
Knowledge of family history sources in northern US research

Tags
183632, 1

Learning Outcome
Students will be able to describe the key content and utility of major family history sources in northern US research, viz., census and vital records, church and town records, county histories, tax records, probate and other court records, land records, immigration sources, and compiled family histories, as well as related secondary-source indexes and databases.

Title
Familiarity with the Family History Library in Salt Lake City

Tags
183633, 2

Learning Outcome
Students will be able to conduct research in family history sources, primary and secondary, on film or otherwise, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

HIST 281 - Southern US Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
281

Teaching Area
HIST

Course Title
Southern US Family History Research and Methodology

Course Description
19th and 20th century records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in the southern states.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Familiarity with the Family History Library in Salt Lake City

Tags
183458, 2

Learning Outcome
Students will be able to use family history sources, primary and secondary, on film or otherwise, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

Title
Knowledge of family history sources in southern US research

Tags
183629, 1

Learning Outcome
Students will be able to demonstrate content knowledge of historical sources for the United States, as well as those peculiar to each of the Southern States, including primary and secondary sources located in libraries, archives, online, and filmed resources.

Title
Competence in genealogical research reports

Tags
183630, 3

Learning Outcome
Students will be able to produce clear, well-written genealogical research reports demonstrating a high level of critical thinking in pedigree analysis and genealogical evidentiary analysis.

Title
Competence in writing compiled lineages

Tags
183631, 4

Learning Outcome
Students will be able to produce well-written compiled lineages that incorporate the historical background of the time, relating histories of individual families to larger historical processes.

HIST 282 - Colonial North American Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
282

Teaching Area
HIST

Course Title
Colonial North American Family History Research and Methodology

Course Description
Advanced research class covering records, historical background, paleography, and methodologies for reconstructing individual families and development of family history studies in colonial North America, including British, French, Spanish, and other European colonies.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

HIST 283 - British Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
283

Teaching Area
HIST

Course Title
British Family History Research and Methodology

Course Description
Records, geographical-historical background, paleography, and methods for reconstruction of individual families and development of demographic and family history studies in England, Scotland, and Wales.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Research

Tags
183293, 0, 0

Learning Outcome
Students will be able to explain and use fundamental genealogical (and some historical) resources and methodologies for British research

Title
Analysis

Tags
182952, 0, 1

Learning Outcome
Students will evaluate, analyze, and corroborate genealogical information from both original and compiled sources. Students will know and use established citation standards.

Title
Writing

Tags
183017, 0, 2

Learning Outcome
Students will demonstrate their ability to communicate research methodologies and results in written and oral form.

HIST 284 - German Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
284

Teaching Area
HIST

Course Title
German Family History Research and Methodology

Course Description
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in Germanic areas of Europe.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Identify Major Family History Sources

Tags
183018, 1

Learning Outcome
Students will be able to describe the key content of major family history sources in German research.

Title
Research Literature

Tags
183019, 2

Learning Outcome
Students will become somewhat proficient at reading German documents.

Title
Research Methods

Tags
183453, 2

Learning Outcome
Students will become acquainted with actually using family history primary and secondary sources, on film or otherwise available, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

HIST 285 - Scandinavian Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
285

Teaching Area
HIST

Course Title
Scandinavian Family History Research and Methodology

Course Description
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families and development of family history studies in Denmark, Norway, Iceland, Sweden, and/or Finland.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Research Literature

Tags
182953, 1

Learning Outcome
Students will become somewhat proficient at reading old gothic-script Scandinavian documents from the 1600s on up, and also be able to convert Latin feast dates to modernized calendar dates through use of feast date conversion calendars.

Title
Identify Major Family History Sources

Tags
183080, 1

Learning Outcome
Students will be able to describe the key content of major family history sources in Scandinavian research, viz., census, parish registers, probates, land/property and court records, since the 1600s.

Title
Research Methods

Tags
183376, 2

Learning Outcome
Students will become acquainted with actually using family history primary and secondary sources, on film or otherwise available, at the world's largest genealogical repository, the Family History Library in Salt Lake City.

HIST 286 - Southern European and Latin American Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
286

Teaching Area
HIST

Course Title
Southern European and Latin American Family History Research and Methodology

Course Description
Records, geo-historical background, paleography, and methods for reconstruction of individual families; development of demographic and family history studies which may include Portugal, Spain, France, and Italy and their colonies in the Americas.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Critical Analysis

Tags
182954, 2

Learning Outcome
Students will be able to utilize a significant range of skills and abilities in critical genealogical evidentiary analysis and be able to distinguish that from historical analysis

Title
Incorporate Historical Background

Tags
183020, 1

Learning Outcome
Students will be able to recognize and incorporate the historical background of the time and place in their genealogical research.

Title
Genealogical Research

Tags
183081, 2

Learning Outcome
Students will be able to identify and solve basic historical and genealogical problems in Southern Europe, Quebec and Latin America through primary and secondary source research, using library, archival and technological resources

Title
Research Literature

Tags
183334, 3

Learning Outcome
Students will be able to demonstrate content knowledge of primary historical sources for Southern Europe, Quebec and Latin America.

Title
Effective Communication

Tags
183391, 1

Learning Outcome
Students will be able to produce genealogical research reports and narrative family histories and compiled lineages that are clear, precise and well-written

Title
Research Methods

Tags
183395, 4

Learning Outcome
Students will be able to apply research skills learned to the search for their own ancestors and to assist others in their searches in Southern Europe, Quebec and Latin America.

Title
Computer Programs

Tags
183240, 0, 6

Learning Outcome
Students will be able to explain the roles of New.FamilySearch.org and other FamilySearch.org programs, integrating in the process the academic knowledge from this course with a testimony of the current direction of family history in the Church of Jesus Christ of Latter-day Saints

HIST 287 - Eastern European Family History Research and Methodology

Course Information

Teaching Area (new)
HIST

Course Number
287

Teaching Area
HIST

Course Title
Eastern European Family History Research and Methodology

Course Description
Records, geographical-historical background, paleography, and methodologies for reconstruction of individual families; development of family history studies Eastern Europe.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Research Methods

Tags
183021, 0, 1

Learning Outcome

Students will analyze, evaluate, and corroborate genealogical information from various sources and use evidence to prove the links between generations and document individuals across their lifespan.

Title
Research Sources

Tags
183317, 0, 0

Learning Outcome

Students will be able to describe the key content of major family history sources in East European research and understand how to find them online or otherwise. Students will gain experience with using original and derivative family history sources from Eastern Europe.

Title
Reading Records

Tags
183277, 0, 2

Learning Outcome

Students will become somewhat proficient at reading old documents from Eastern Europe in the Russian language. They will also gain some basic familiarity with records in other languages found in records in Eastern Europe.

HIST 288R - Women in a Changing World

Course Information

Course Number
288R

Teaching Area
HIST

Course Title
Women in a Changing World

Course Description
Examines women in particular historical settings, how women's lives changed over time, and how women actively shaped their own lives as well as the societies in which they lived.

Department
History

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Historical understanding

Tags
213865, 0, 1, 2023-08-29 09:25:59

Learning Outcome
Students will be able to outline major historical themes and controversies in women and gender history

Title
Recognizing agency

Tags
213866, 0, 2, 2023-08-29 09:26:01

Learning Outcome
Students will be able to recognize the ways that women exercised agency in specific historical contexts

Title
Evaluation

Tags
213867, 0, 3, 2023-08-29 09:26:02

Learning Outcome
Students will be able to evaluate women's contributions to society historically, culturally, economically, and politically as well as appreciate variations in women's experiences.

Title
Analysis and communication

Tags
213868, 0, 4, 2023-08-29 09:26:04

Learning Outcome
Students will be able to demonstrate analytical and communication skills through critical reading, discussion, and writing about sources by and about women and women's issues

Title
Present-day application

Tags
213869, 0, 5, 2023-08-29 09:26:06

Learning Outcome
Students will be able to apply historical thinking skills to engage contemporary and historical issues about women and women's issues

HIST 289 - Citizen Nation

Course Information

Course Number
289R

Teaching Area
HIST

Course Title
Citizen Nation

Course Description
Exploration of how American definitions of citizenship have evolved from the founding era to the 21st century. Examines the definition, meaning, and the rights, privileges, and responsibilities of citizenship.

Department
History

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Interpretative framework

Tags
213870, 0, 1, 2023-08-29 09:26:08

Learning Outcome
Students will be able to develop an interpretive framework for the concept of citizenship and how it has changed over time in the US

Title
Comparison and analysis

Tags
213871, 0, 2, 2023-08-29 09:26:09

Learning Outcome
Students will be able to compare and analyze key episodes in US history in light of dynamic, sometimes competing definitions of American citizenship

Title
Change over time

Tags
213872, 0, 3, 2023-08-29 09:26:11

Learning Outcome
Students will be able to trace the expansion of the boundaries of American citizenship

Title
Personal understanding

Tags
213873, 0, 4, 2023-08-29 09:26:13

Learning Outcome
Students will be able to craft a historically informed personal understanding of one’s own citizenship and current debates about citizenship

Title
Applied citizenship

Tags
213874, 0, 5, 2023-08-29 09:26:15

Learning Outcome
Students will be able to identify information from “credible, reliable and factual sources,” use wisdom to seek truth, and apply historical thinking skills to engage in 21st century citizenship and lifelong learning and service.

HIST 290 - Nature and History: The Earth's Environmental Past

Course Information

Teaching Area (new)
HIST

Course Number
290

Teaching Area
HIST

Course Title
Nature and History: The Earth's Environmental Past

Course Description
Human historical interactions with animals, plants, and landscapes. Global histories of climate, population, whaling, fossil fuels, the car, animal rights, suburban sprawl, eco-theology, environmentalism, ecotourism, etc.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Global Relationship with Nature

Tags
182935, 1

Learning Outcome
Students will become academically conversant with the major historical developments in our global relationship with nature.

Title
Historical Analysis

Tags
183288, 1

Learning Outcome
Students will be able to analyze and evaluate the content and meaning of primary sources, and through critical interpretation, draw reasonable conclusions.

Title
Analytical Writing

Tags
183351, 3

Learning Outcome
Students will be able to write history that is coherent and persuasive by following discipline’s norms for writing and careful documentation.

Title
Historical Research

Tags
183401, 2

Learning Outcome
Students will be able to formulate historical questions and answer them by careful and systematic research in primary and secondary sources.

HIST 292 - Food and History

Course Information

Teaching Area (new)
HIST

Course Number
292

Teaching Area
HIST

Course Title
Food and History

Course Description
History of tomatoes, potatoes, sugar, and spice. How food and foodways engage broader historical questions and illuminate aspects of human cultures.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Methods

Tags
182983, 1

Learning Outcome
Students will refine and improve historical research, writing and analytical skills.

Title
Historical Knowledge of the Study of Food

Tags
183071, 2

Learning Outcome
Students will be able to discuss the theoretical underpinnings of the study of food, and will be able to discuss key aspects of the impact of food on human history.

Title
Effective Communication

Tags
183319, 2

Learning Outcome
Students will refine and improve oral presentation skills.

HIST 293 - World War II in History and Memory

Course Information

Teaching Area (new)
HIST

Course Number
293

Teaching Area
HIST

Course Title
World War II in History and Memory

Course Description
Explores the causes, flow, and the global significance of the Second World War, emphasizing U.S. experiences in the European and Pacific theatres. Fosters the skills necessary to analyze the war through the perspectives of military and political figures, the "Greatest Generation," and voices beyond the battlefields.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge of Global Conflict of 1939 to 1945

Tags
182984, 1

Learning Outcome
Students will be able to explain and analyze the history and memory of the global conflict of 1939 to 1945.

Title
Research Literature

Tags
183245, 1

Learning Outcome
Students will be able to analyze and interpret primary and secondary source documents.

Title
Critical Interpretation

Tags
183361, 3

Learning Outcome
Students will be able to formulate historical arguments based on primary sources and place them in a historiographical context.

Title
Critical Analysis

Tags
183450, 2

Learning Outcome
Students will be able to interpret and discuss the meanings and history and memory.

HIST 294 - The Age of the French Revolution

Course Information

Teaching Area (new)
HIST

Course Number
294

Teaching Area
HIST

Course Title
The Age of the French Revolution

Course Description
The French Revolution and its global impact. Readings include primary and secondary sources on revolutionary politics, society, and culture in France, its overseas empire, and beyond.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of American, French and Haitian Revolut

Tags
182985, 1

Learning Outcome
Students will be able to explain and assess the major events and processes that shaped the American, French and Haitian revolutions.

Title
Research Literature

Tags
183259, 1

Learning Outcome
Students will be able to analyze and contextualize primary documents from the late eighteenth and early nineteenth centuries.

Title
Critical Debates

Tags
183415, 2

Learning Outcome
Students will be able to debate historical questions and historiographical issues related to the American, French, and Haitian revolutions.

HIST 296 - African American Family History Research and Methodology

Course Information

Course Number
296

Teaching Area
HIST

Course Title
African American Family History Research and Methodology

Course Description
Hist 296 is a research-intensive course introducing students to research methods, historical records, and challenges inherent to studying and writing African American family history.

Department
History

When Taught
Winter Even Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Earn a minimum GPA of 2.5 in the following:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Research in Primary Sources

Learning Outcome
Students will competently find, use, and analyze primary sources created by governments and religious organizations.

Title
Research about Historical Context

Learning Outcome
Students will master secondary sources that place families in historical context.

Title
Genetic Genealogy

Learning Outcome
Students will understand how genetic genealogy is used in conjunction with “paper” research.

Title
Effective Communication

Learning Outcome
Students will write effectively and sensitively about their analysis and the biographies of those they research.

HIST 298 - Digital History

Course Information

Teaching Area (new)
HIST

Course Number
298

Teaching Area
HIST

Course Title
Digital History

Course Description
Exploration of digital technology and its potential to revolutionize the discipline of history, from the way research is conducted to methods for knowledge dissemination. Benefits, challenges, and impact of digital methods on the way historians envision and express what happened in the past.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 299R - Academic Internship

Course Information

Teaching Area (new)
HIST

Course Number
299R

Teaching Area
HIST

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Department chair's and cooperative education coordinator's consent.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Individual Learning Objectives

Tags
183253, 0

Learning Outcome
Together with internship and academic supervisors, students will develop individual learning objectives based on internship assignment or position

Title
Skill Application

Tags
183345, 1

Learning Outcome
Students will master the skills and abillities required during the internship experience.

Title
Writing and Application

Tags
183349, 2

Learning Outcome
Students will write interim and final reports demonstrating historical knowledge, analysis and application during the internship experience.

HIST 300 - The Early Middle Ages

Course Information

Teaching Area (new)
HIST

Course Number
300

Teaching Area
HIST

Course Title
The Early Middle Ages

Course Description
Decline of Rome and the early formative stages of early medieval civilization; analysis of political, economic, and social changes from A.D. 285 to 950.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
182936, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in the Early Middle Ages.

Title
Critical Communication

Tags
183244, 3

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers

Title
Research Literature

Tags
183341, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Analysis

Tags
183431, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

HIST 301 - The Late Middle Ages.

Course Information

Teaching Area (new)
HIST

Course Number
301

Teaching Area
HIST

Course Title
The Late Middle Ages.

Course Description
Europe from 950 to 1350; maturation of medieval civilization; failure of German, success of French leadership; economic, religious, cultural, intellectual trends.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
182937, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in the Late Middle Ages.

Title
Critical Analysis

Tags
183234, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Research Literature

Tags
183407, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Communication

Tags
183411, 3

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers

HIST 302 - The Italian Renaissance

Course Information

Teaching Area (new)
HIST

Course Number
302

Teaching Area
HIST

Course Title
The Italian Renaissance

Course Description
Major political, social, and cultural events in Italy from 1200 to 1530, emphasizing concept of the Renaissance in modern historiography.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge of Italian Renaissance

Tags
182986, 1

Learning Outcome
Students will understand and be able to analyze the major political, economic, social, and religious developments in Italian Renaissance history

Title
Identify Historiographical Evolution

Tags
182987, 2

Learning Outcome
Students will be able to trace the historiographical evolution of the Italian Renaissance and analyze historical questions within this historiographical context

Title
Research Methods

Tags
183314, 2

Learning Outcome
Students will refine and improve historical research, writing and analytical skills

HIST 303 - The Reformation: Age of Turmoil

Course Information

Teaching Area (new)
HIST

Course Number
303

Teaching Area
HIST

Course Title
The Reformation: Age of Turmoil

Course Description
Sixteenth-century religious upheaval; ideological, cultural, political, and socioeconomic struggles to mid-seventeenth century.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge of Europe (1500-1700)

Tags
182988, 1

Learning Outcome
Students will be able to explain and analyze the major religious developments in Europe during the Reformation (1500-1700).

Title
Historical Analysis

Tags
183256, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Research Methods using Secondary Sources

Tags
183258, 2

Learning Outcome
Students will be able to analyze and interpret secondary source documents

Title
Research Methods using Primary Sources

Tags
183264, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Interpretation

Tags
183390, 3

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary and secondary source texts with their peers.

HIST 305 - The Age of Enlightenment

Course Information

Teaching Area (new)
HIST

Course Number
305

Teaching Area
HIST

Course Title
The Age of Enlightenment

Course Description
Europe from 1650 to 1850, emphasizing developments (including transatlantic) in culture, religion, political thought, and historiography, as well as responses to the Enlightenment.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Europe between 1650 and 1815

Tags
182990, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, intellectual, and cultural developments in Europe between 1650 and 1815.

Title
Historical Knowledge of Enlightenment

Tags
182991, 2

Learning Outcome
Students will understand the ideas central to the Enlightenment.

Title
Research Literature

Tags
183232, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Analytical Writing

Tags
183251, 2

Learning Outcome
Students will gain experience in historical research and improve writing skills

Title
Critical Analysis

Tags
183306, 3

Learning Outcome
Students will analyze historical questions and place them in historiographical context

HIST 306 - Nineteenth-Century Europe

Course Information

Teaching Area (new)
HIST

Course Number
306

Teaching Area
HIST

Course Title
Nineteenth-Century Europe

Course Description
Political, economic, social, and intellectual history of Europe from 1815 to 1914.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Communication

Tags
183274, 3

Learning Outcome
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

Title
Critical Analysis

Tags
183281, 2

Learning Outcome
Students will be able to review, critique, and evaluate historiographical works from a variety of European nations, as well as analyze historical questions and place them in a historiographical context.

Title
Research Literature

Tags
183404, 1

Learning Outcome
Students will understand how to use and will be able to analyze and interpret primary source documents.

Title
Historical Knowledge of 19th C Europe

Tags
183634, 1

Learning Outcome
Students will understand and be able to explain and analyze the international affairs and the political, intellectual, social, and economic history of Europe from 1789-1914

HIST 307 - Europe Since 1914

Course Information

Teaching Area (new)
HIST

Course Number
307

Teaching Area
HIST

Course Title
Europe Since 1914

Course Description
International affairs and political and economic history of major European countries (including Russia) from World War I to the present.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Evaluation

Tags
182992, 1

Learning Outcome
Students will be able to review, critique, and evaluate historiographical works.

Title
Effective Discussion

Tags
182993, 3

Learning Outcome
Students will be able to analyze and discuss current events from more than one national viewpoint.

Title
Historical Knowledge of Europe since 1914

Tags
183072, 4

Learning Outcome
Students will understand and be able to explain and analyze the international affairs and the political, cultural, military, social, and economic history of Europe from the two world wars until the present

Title
Critical Analysis

Tags
183260, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Effective Communication

Tags
183363, 3

Learning Outcome
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

Title
Research Literature

Tags
183440, 1

Learning Outcome
Students will understand how to use and will be able to analyze and interpret primary source documents.

HIST 308 - History of the Mediterranean Sea

Course Information

Teaching Area (new)
HIST

Course Number
308

Teaching Area
HIST

Course Title
History of the Mediterranean Sea

Course Description
Explores the historiography and political, cultural, economic, and social history of the Mediterranean in the early modern period.

Department
History

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Mediterranean History

Tags
213875, 0, 1, 2023-08-29 09:26:42

Learning Outcome
Students will understand and be able to analyze the major political, economic, social, and religious developments in Mediterranean history.

Title
Critical Analysis

Tags
213876, 0, 2, 2023-08-29 09:26:43

Learning Outcome
Students will be able to trace the historiographical evolution of Mediterranean history and analyze historical questions within this historiographical context.

Title
Research Methods

Tags
213877, 0, 3, 2023-08-29 09:26:45

Learning Outcome
Students will demonstrate refined historical research, writing and analytical skills

Title
Effective Communication

Tags
213878, 0, 4, 2023-08-29 09:26:46

Learning Outcome
Students will demonstrate improved oral presentation skills.

HIST 309 - European Revolutions Since 1500

Course Information

Teaching Area (new)
HIST

Course Number
309

Teaching Area
HIST

Course Title
European Revolutions Since 1500

Course Description
Social and political revolutions in European history since 1500. Successful and unsuccessful cases of state breakdown; the Dutch Revolt, English Revolution, French Revolution, Revolution of 1848, and Russian Revolution.

Department
History

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knoweldge of European Revolutions

Tags
182994, 1

Learning Outcome
Students will gain a historical consciousness by demonstrating knowledge about crisis and change in European societies.

Title
Critical Analysis

Tags
183338, 2

Learning Outcome
Students will understand the way evidence is used to construct historical arguments.

Title
Collaboration Experience

Tags
183423, 3

Learning Outcome
Students will gain experience collaborating with each other in formulating and carrying out a research project using historical research skills.

Title
Research Literature

Tags
183430, 1

Learning Outcome
Students will acquire the ability to evaluate and analyze historical documents

HIST 310 - The Automotive Age: History, Technology, Culture, and Environment

Course Information

Course Number
310

Teaching Area
HIST

Course Title
The Automotive Age: History, Technology, Culture, and Environment

Course Description
Explores the most consequential technology of the 20th century, the automobile. Topics may include the car's impacts on economic growth, civic life, human death, pop music, public transit, and non-human nature.

Department
History

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Knowledge of Competing Historiographical Approaches

Tags
213879, 0, 1, 2023-08-29 09:26:50

Learning Outcome
Students will describe the most significant global, historical work on the car and be able to place scholarship in various schools of thought or in their particular thematic approaches. They will become aware of what is known so they can ask questions and engage in research that will not simply reinvent the wheel, so to speak, but contribute to the field's advance.

Title
Creativity and Original Thinking

Tags
213880, 0, 2, 2023-08-29 09:26:52

Learning Outcome
Students will produce an original piece of historical research, using primary sources, to advance our knowledge about the social, technological, environmental, or cultural impacts of the automobile.

Title
Revision and Critique of Arguments

Tags
213881, 0, 3, 2023-08-29 09:26:53

Learning Outcome
Students will be able to effectively critique the strength and weakness of one's own arguments and do the same with generosity and constructive intent toward fellow students and scholars.

Title
Interdisciplinary Skills

Tags
213882, 0, 4, 2023-08-29 09:26:55

Learning Outcome
As the automobile's impact is so broad, students will develop interdisciplinary, synthetic, thinking skills, noting in readings, discussions, and their writings how technology, society, politics, art, and nature intersect and shape one another.

Title
Deeply Seeing the Mundane and Imagining Alternatives

Tags
213883, 0, 5, 2023-08-29 09:26:56

Learning Outcome
In the last century, the automobile and its infrastructure have become ubiquitous and hence almost invisible. Students will utilize this invisible ubiquity to demonstrate the power to see, analyze and deconstruct the world as it is, its hidden assumptions, and think radically about alternative presents and futures.

HIST 311 - The History of Film, Radio, and Television

Course Information

Teaching Area (new)
HIST

Course Number
311

Teaching Area
HIST

Course Title
The History of Film, Radio, and Television

Course Description
International history of (and through) the major mass media of the 20th Century.

Department
History

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading primary and secondary sources

Tags
183475, 1

Learning Outcome
Critically read primary and secondary sources and analyze these sources in course assessments.

Title
Historical understanding of events in film, radio, and television history

Tags
183476, 2

Learning Outcome
Demonstrate a deeper historical understanding of the most important events in film, radio, and television history.

Title
Analysis of media products from a historical and contextual perspective

Tags
183477, 3

Learning Outcome
Analyze media products from a historical and contextual perspective.

Title
Effective historical writing

Tags
183478, 4

Learning Outcome
Craft a well-written, coherent research paper drawing upon a variety of sources and containing a clear thesis statement.

HIST 312 - History of Ideas

Course Information

Teaching Area (new)
HIST

Course Number
312

Teaching Area
HIST

Course Title
History of Ideas

Course Description
Interrelationship of influential ideas and historical events from the end of the eighteenth century to the present.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Trace Influence of Ideas

Tags
182996, 1

Learning Outcome
Relate and trace how ideas continue to influence societies and their institutions

Title
Historical Knowledge of Approaches to Intellectual History

Tags
182997, 2

Learning Outcome
Identify broadly how different approaches to intellectual history operate, e.g. Lovejoy, Cambridge School (Skinner), Berlin, Koselleck, Strauss, etc.

Title
Recognize the Development of Modern Thought

Tags
183074, 3

Learning Outcome
Awaken in you the realization of how certain modes of modern thought that you might have taken for granted as having existed "forever" can be seen as developments in response to specific historical circumstances.

Title
Conflict Resolution

Tags
183220, 4

Learning Outcome
Explain how ideas, when extended to their logical conclusions, may challenge your personal world view and consider, as well as articulate, how to resolve such conflicts.

Title
Analytical Writing

Tags
183322, 5

Learning Outcome
Write an intellectual history research paper.

Title
Recognize Historical Periodization

Tags
183370, 0

Learning Outcome
Recognize the usefulness, but also the problematic nature of historical periodization.

Title
Develop Interdsciplinary Thinking Skills

Tags
183422, 1

Learning Outcome
Develop interdisciplinary, synthetic, thinking skills, particularly in being able to see history in cultural artifacts and then identify and place these into discursive contexts.

HIST 313 - Strategy in Peace and War

Course Information

Teaching Area (new)
HIST

Course Number
313

Teaching Area
HIST

Course Title
Strategy in Peace and War

Course Description
The modern evolution and contemporary development of grand strategies in peace and war, connecting success or failure with unintended consequences. Historical case studies extend from the Thirty Years' War to the Global War on Terrorism.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hist 200, 201, 202

Learning Outcomes

Title
Historical knowledge of theories of diplomacy and warfare

Tags
183506, 1

Learning Outcome
Students will understand and be able to explain and analyze the forms, politics, theories, and legacy of diplomacy and warfare.

Title
Analysis of primary and secondary source texts

Tags
183507, 2

Learning Outcome
Students will understand how to use and will be able to analyze and interpret primary source documents and secondary historiographical works.

Title
Historical value

Tags
183508, 3

Learning Outcome
Students will be able to analyze, interpret, and devate with their peers in a classroom setting the meanings and historical value of theory, primary source texts, agency, and historical context.

Title
Historiography

Tags
183509, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

HIST 314 - Fascism and Nazism in Europe, 1914-present

Course Information

Teaching Area (new)
HIST

Course Number
314

Teaching Area
HIST

Course Title
Fascism and Nazism in Europe, 1914-present

Course Description
Political, cultural, and social bases of fascist movements, especially in Italy, Germany, and Spain. Rise to power, family policies, warfare, propaganda, racism, genocide, neofascisms.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of European Fascisms

Tags
182998, 1

Learning Outcome
Students will understand and be able to explain and analyze the origins, impacts, foreign policy, theories, and legacy of Fascism, Nazism, and other competing political ideologies

Title
Critical Interpretation

Tags
183263, 2

Learning Outcome
Students will understand how to research and write.

Title
Effective Communication

Tags
183344, 3

Learning Outcome
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts

Title
Critical Analysis

Tags
183371, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Research Literature

Tags
183454, 1

Learning Outcome
Students will understand how to use and will be able to analyze and interpret primary source documents and secondary historiographical works.

HIST 315 - European Jews and the Holocaust

Course Information

Teaching Area (new)
HIST

Course Number
315

Teaching Area
HIST

Course Title
European Jews and the Holocaust

Course Description
Attempted genocide of European Jews by Hitler's Third Reich; motives, methods, and implications.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Genocide of European Jews

Tags
182999, 1

Learning Outcome
Study the genocide of European Jews by Hitler's Third Reich and to explore the motives, methods, and implications of this, as well as the fundamental questions thrown into relief by it.

Title
Analytical Writing

Tags
183233, 3

Learning Outcome
Skillfully integrate data into coherent arguments expressed through a clear, well-written style in exams, papers, and class discussion.

Title
Critical Analysis

Tags
183301, 2

Learning Outcome
Foster specific skills of critical thinking, argumentative and narrative writing, as well as careful reading. Analyze historical questions and issues clearly, assess historical information accurately and distinguish between questionable and valid historical assertions.

Title
Research Literature

Tags
183343, 1

Learning Outcome
Analyze key issues that informed the Holocaust, the context and processees related to it, and to engage with the debates ignited by its legacy. Further develop proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

HIST 317 - Terrorism and Counterterrorism

Course Information

Teaching Area (new)
HIST

Course Number
317

Teaching Area
HIST

Course Title
Terrorism and Counterterrorism

Course Description
Current world affairs, with a focus on the conflict between terrorists and the elements of diplomacy, civil policy, and military power. Focus on policy debates and historical case studies, studying both the aspects of terrorism and counterterrorism. Exploration of the political culture of terrorism, including rational and irrational aspects, and the successful and unsuccessful attempts to combat terrorism.\n

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 318 - European Women's History

Course Information

Teaching Area (new)
HIST

Course Number
318

Teaching Area
HIST

Course Title
European Women's History

Course Description
European women and gender from 1400 to the present.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hist 200

Learning Outcomes

Title
Historical Knowledge of European Women since 1400

Tags
182941, 1

Learning Outcome
Students will be able to understand and explain major trends in European women's experiences and history since 1400

Title
Critical Interpretation

Tags
182942, 2

Learning Outcome
Students will interpret important shifts or trends in the experience of women and attitudes about gender. Students will apply this understanding to the legal, religious, and culture contexts for those shifts or trends

Title
Critical Analysis

Tags
182943, 3

Learning Outcome
Working in tandem with each other students will have opportunities to question, investigate, and interrogate contemporary attitudes to women and men's history and gender and how these affect interpretations of the past.

Title
Effective Research and Analysis

Tags
183308, 2

Learning Outcome
Students will read, analyze, and write about primary and secondary sources and explain their connections to one another

Title
Research Historiography

Tags
183323, 1

Learning Outcome
Students will be able to analyze and synthesize historiographyof women’s history, gender history, and feminism

HIST 319 - The Family in Europe

Course Information

Teaching Area (new)
HIST

Course Number
319

Teaching Area
HIST

Course Title
The Family in Europe

Course Description
Nature and development of marriage and family life and structure from the ancient to modern era.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Independent Study also.

Learning Outcomes

Title
Historical Knowledge of European Family Life

Tags
182944, 1

Learning Outcome
Students will be able to understand and explain major trends in European family life, relationships, and law between 1100 and the present

Title
Research Historiography

Tags
182945, 2

Learning Outcome
Students will be able to analyze and synthesize historiography of family history

Title
Critical Interpretation

Tags
182946, 3

Learning Outcome
Students will interpret important shifts or trends in the experience of family functions and relationships and their connections with the law. Students will apply this understanding to the legal, religious, and culture contexts for those shifts or trends.

Title
Critical Analysis

Tags
182947, 4

Learning Outcome
Working in tandem with each other students will have opportunities to question, investigate, and interrogate historical experiences and historiographic interpretations

Title
Effective Research

Tags
183409, 2

Learning Outcome
Students will read, analyze, and write about primary and secondary sources and explain their connections to one another.

HIST 322 - Pre-Modern Britain

Course Information

Teaching Area (new)
HIST

Course Number
322

Teaching Area
HIST

Course Title
Pre-Modern Britain

Course Description
Political, economic, social, and religious developments in pre-modern Britain.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
182950, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Critical Communication

Tags
183330, 2

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

Title
Historical Knowledge

Tags
183568, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in Britain up to the early modern period.

Title
Research Literature

Tags
183569, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents dealing with pre-modern Britain.

HIST 323 - Modern Britain

Course Information

Teaching Area (new)
HIST

Course Number
323

Teaching Area
HIST

Course Title
Modern Britain

Course Description
Political, economic, social, and religious developments in England, Scotland, and Wales during the modern era, focusing on Atlantic connections and British imperialism

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
182951, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Critical Communication

Tags
183328, 2

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

Title
Historical Knowledge

Tags
183570, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in Modern Britain.

Title
Research Literature

Tags
183571, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents dealing with Modern Britain.

HIST 325 - Spain

Course Information

Teaching Area (new)
HIST

Course Number
325

Teaching Area
HIST

Course Title
Spain

Course Description
Political, social, and economic factors in Spanish history from Roman times to present. Emphasis on Reconquest, Golden Age, and Civil War.

Department
History

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
183003, 1

Learning Outcome
Students will analyze historical questions and place them in historiographical context.

Title
Historical Knowledge of Spain

Tags
183076, 2

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, intellectual, and cultural developments in Spain from Roman times to the late twentieth century

Title
Effective Communication

Tags
183304, 2

Learning Outcome
Students will gain experience in historical research and improve writing skills.

Title
Research Literature

Tags
183425, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

HIST 326 - The History of Mexico

Course Information

Teaching Area (new)
HIST

Course Number
326

Teaching Area
HIST

Course Title
The History of Mexico

Course Description
The historical evolution of Mexico including pre-Colombian civilizations, the Spanish conquest, the colonial era, national formation, and the modern Mexican state. The impact of foreign relations on Mexican society.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Mexico (Pre-Colombian-National Era)

Tags
183004, 1

Learning Outcome
Students will gain an understanding of the challenges Mexico faced during the transitions from pre-Colomiban empires to the colonial period, as well as from the colonial period to the national era.

Title
Historical Knowledge of Mexico (20th century)

Tags
183005, 2

Learning Outcome
Students will gain an understanding of the principle factors that created and transformed modern Mexican society, principally the Porfiriato, the Mexican Revolution, and the modern Mexican state structure (twentieth century).

Title
Analytical Writing

Tags
183268, 3

Learning Outcome
Students will explore the scholarship and sources for a single issue in Mexican history, producing a research paper based on primary and secondary sources

Title
Research Literature

Tags
183352, 2

Learning Outcome
By way of supplementary readings and writing assignments, students will gain a stronger understanding of the social andcultural issues in Mexican history that have been shaped by the nation's unique political and economic conditions.

Title
Critical Debates

Tags
183353, 4

Learning Outcome
Students will develop oral proficiency in debating controversialhistorical and contemporary issues during class discussion, including debates on decisive factors in the Spanish conquest, immigration, and bi-national solutions to drug trafficking.

HIST 327 - Italy in the Modern World Since 1848

Course Information

Teaching Area (new)
HIST

Course Number
327

Teaching Area
HIST

Course Title
Italy in the Modern World Since 1848

Course Description
Political, social, economic, and cultural history of Italians and the Italian peninsula in Europe and the world, including nationalism, church and state, migration, Mafia, fascism, and European union.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Italy since 1848

Tags
183006, 1

Learning Outcome
Students will understand and be able to explain and analyze contemporary Italian history, including themes of economic development, state formation, fascism, internationalism, and church/state relations.

Title
Critical Analysis

Tags
183270, 4

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Research Literature

Tags
183339, 1

Learning Outcome
Students will understand and will be able to analyze and interpret primary source documents and secondary historiographical works.

Title
Critical Interpretation

Tags
183342, 2

Learning Outcome
Students will understand how to research and write.

Title
Effective Communication

Tags
183359, 3

Learning Outcome
Students will be able to analyze, interpret, and debate with their peers in a classroom setting the meanings and historical value of theory, art, media, and primary source texts.

Title
Presentations

Tags
183397, 5

Learning Outcome
Students will be able to present a topic and argument in class with multimedia and discussion

HIST 328 - Modern Germany

Course Information

Teaching Area (new)
HIST

Course Number
328

Teaching Area
HIST

Course Title
Modern Germany

Course Description
Political, military, societal and cultural development of Germany from the late eighteenth century until the present.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Modern Germany

Tags
183007, 1

Learning Outcome
Understand how historians interpret the German past.

Title
Critical Interpretation

Tags
183265, 5

Learning Outcome
Demonstrate your ability to use primary sources in a research project.

Title
Analytical Writing

Tags
183285, 4

Learning Outcome
Show essay skills by writing timed essays on a set of primary and secondary sources.

Title
Research Interdisciplinary Sources

Tags
183335, 3

Learning Outcome
Synthesize material from interdisciplinary sources.

Title
Critical Analysis

Tags
183375, 1

Learning Outcome
Alert you to how historians construct their narratives.

Title
Research Literature

Tags
183382, 2

Learning Outcome
Read and dismantle primary and secondary sources.

HIST 330 - The Russian Empire Under the Romanovs

Course Information

Teaching Area (new)
HIST

Course Number
330

Teaching Area
HIST

Course Title
The Russian Empire Under the Romanovs

Course Description
Political, economic, social, and cultural trends and events in Russian history to 1917.

Department
History

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183643, 1

Learning Outcome
Students will become familiar with the major political, social, cultural, and economic aspects of pre-revolutionary Russia. They will also explore and analyze such concepts as autocracy, Westernization, and empire.

Title
Historical Analysis

Tags
183644, 2

Learning Outcome
Students will develop the ability to pose historical questions and answer those questions through a variety of analytical lenses. They will also learn how to establish connections between events, movements, and ideas for the time period covered in the course and to apply their knowledge of history to the world around them.

Title
Effective Historical Research

Tags
183645, 3

Learning Outcome
Students will improve their analytical skills by finding and interrogating various primary and secondary sources and placing them within broad historical narratives.

Title
Effective Communication

Tags
183646, 4

Learning Outcome
Students will learn how to craft plausible historical arguments and convey their arguments and evidence through a clear and succinct writing style.

HIST 331 - Soviet Union and Post-Soviet Russia.

Course Information

Teaching Area (new)
HIST

Course Number
331

Teaching Area
HIST

Course Title
Soviet Union and Post-Soviet Russia.

Course Description
History of the Soviet Union and post-Soviet developments in Russia and other successor states; governing structures and ideology and the relationship between state and society.

Department
History

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Knowledge

Tags
183647, 1

Learning Outcome
Students will become familiar with the major political, social, cultural, and economic aspects of the Soviet Union and the post-Soviet successor states. They will also explore and analyze such concepts as ideology, totalitarianism, and socialism.

Title
Historical Analysis

Tags
183648, 2

Learning Outcome
Students will develop the ability to pose historical questions and answer those questions through a variety of analytical lenses. They will also learn how to establish connections between events, movements, and ideas for the time period covered in the course and to apply their knowledge of history to the world around them.

Title
Effective Historical Research

Tags
183649, 3

Learning Outcome
Students will improve their analytical skills by interrogating and integrating various primary and secondary sources and placing them within broad historical narratives.

Title
Effective Communication

Tags
183650, 4

Learning Outcome
Students will learn how to craft plausible historical arguments and convey their arguments and evidence through a clear and succinct writing style.

HIST 332 - Scandinavian History

Course Information

Teaching Area (new)
HIST

Course Number
332

Teaching Area
HIST

Course Title
Scandinavian History

Course Description
Political, social, religious, cultural, and economic factors in Denmark, Finland, Iceland, Norway, and Sweden from Viking era to present highly developed society.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Scandinavia throgh early 1700s

Tags
183008, 1

Learning Outcome
Students will be able to learn about Scandinavian history from prehistoric times through to the Viking Age, Middle Ages/Renaissance to the Era of Swedish Great Power Politics and Great Northern War, in the 1600s and early 1700s.

Title
Historical Knowledge of Scandinavia since Napoleonic Wars

Tags
183009, 2

Learning Outcome
Students will be able to learn about the big picture of Scandinavian history from the period of the Napoleonic Wars (esp. Napoleon's erstwhile general, Bernadotte, later King of Sweden-Norway), Industrialization of the North, nationalistic movements and periods of Swedish-Norwegian and russo-Finnish union, through the World Wars and establishment of the Modern Welfare state (since the 1920s)

HIST 336 - History and Reconciliation in South Africa

Course Information

Teaching Area (new)
HIST

Course Number
336

Teaching Area
HIST

Course Title
History and Reconciliation in South Africa

Course Description
Considers historical divisions between groups of people in South Africa, different approaches people have taken to reconciling these divisions, and the role of history as a discipline in reconciliation.

Department
History

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Intellectually enlarging

Tags
183470, 1

Learning Outcome
Explain how divisions in South Africa have developed in their contexts.

Title
Lifelong learning and service

Tags
183471, 2

Learning Outcome
Apply strategies to overcome division and work towards reconciliation, including public history or historical work.

Title
Spiritually strengthening

Tags
183472, 3

Learning Outcome
Balance the Gospel principles of empathy and compassion with critical analysis and reading when weighing evidence, assessing various perspectives, and evaluating historical arguments.

HIST 337 - Pre-modern Korea

Course Information

Teaching Area (new)
HIST

Course Number
337

Teaching Area
HIST

Course Title
Pre-modern Korea

Course Description
Political, economic, and social history of Korea from antiquity to 1850.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Korea

Tags
183078, 1

Learning Outcome
An understanding of the major features of Korean history and culture both in breadth and in depth.

Title
Critical Analysis

Tags
183231, 1

Learning Outcome
An understanding of Korean history contextualized both within the framework of Korean history and in relationship to other histories and other constructions of history.

Title
Effective Communication

Tags
183441, 2

Learning Outcome
The ability to think and write about issues in Korean history in a critical and compelling manner.

HIST 338 - Modern Korea

Course Information

Teaching Area (new)
HIST

Course Number
338

Teaching Area
HIST

Course Title
Modern Korea

Course Description
Political, economic, and social history of Korea from 1850 to the present.

Department
History

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Korea 1850 to Present

Tags
183079, 1

Learning Outcome
Students will be able to describe the most significant aspects of the polity, economy, society and ideology of Korea from 1850 to the present.

Title
Research Methods

Tags
183278, 3

Learning Outcome
Students will be able to conduct individual research and situate it in the broader historical context

Title
Critical Analysis

Tags
183416, 1

Learning Outcome
Students will be able to recognize and analyze change over time in East Asia

Title
Research Literature

Tags
183419, 2

Learning Outcome
Students will be able to evaluate and apply primary source texts to broad historical themes

HIST 339 - African Social Change

Course Information

Teaching Area (new)
HIST

Course Number
339

Teaching Area
HIST

Course Title
African Social Change

Course Description
Themes and questions in African social history throughout various periods, including women, youth, religion, health, and cross-cultural interactions.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Evaluation of historical arguments

Tags
183510, 1

Learning Outcome
Skillfully read and evaluate historical arguments.

Title
Historical writing and argumentation

Tags
183511, 2

Learning Outcome
Improve the ability to write clearly and organize evidence to build an argument.

Title
Historical knowledge of African social history

Tags
183512, 3

Learning Outcome
Understand major developments and questions in African social history.

Title
Historical knowledge of African cultures and peoples

Tags
183513, 4

Learning Outcome
Obtain a historical understanding of African cultures and peoples.

Title
Cultural sensitivity

Tags
183514, 5

Learning Outcome
Display sensitivity to cultural difference and navigate cross-cultural interactions.

HIST 340 - Traditional China

Course Information

Teaching Area (new)
HIST

Course Number
340

Teaching Area
HIST

Course Title
Traditional China

Course Description
From a loose federation of Neolithic societies, Chinese civilization emerges as East Asia's dominant political and cultural force; developments to ca. 1500.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Geographical Knowledge of China

Tags
183011, 2

Learning Outcome
Students will demonstrate a basic geographical knowledge of China, including significant geological features and major historical cities Moreover, they will be able to discuss how geographical and environmental realities have impacted historical development.

Title
Research Literature

Tags
183224, 2

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions

Title
Critical Analysis

Tags
183243, 3

Learning Outcome
Students ability to identify arguments (assertions, claims, theses) and analyze supporting evidence in secondary scholarship should improve.

HIST 341 - China Since 1200

Course Information

Teaching Area (new)
HIST

Course Number
341

Teaching Area
HIST

Course Title
China Since 1200

Course Description
Economic and political foundations of modernity during high Imperial China; challenge of new order from the West; rise of Chinese nationalism, revolution, and development to the present.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of China, 1200-present

Tags
183012, 1

Learning Outcome
Students will be able to describe the most significant aspects of the polity, economy, society and ideology of China from 1200 to the present.

Title
Critical Analysis

Tags
183061, 1

Learning Outcome
Students will be able to recognize and analyze change over time in China.

Title
Research Methods

Tags
183261, 3

Learning Outcome
Students will be able to conduct individual research and situate it in the broader historical context

Title
Research Literature

Tags
183446, 2

Learning Outcome
Students will be able to evaluate and apply primary source texts to broad historical themes

HIST 342 - The Mongol Empire in World History

Course Information

Teaching Area (new)
HIST

Course Number
342

Teaching Area
HIST

Course Title
The Mongol Empire in World History

Course Description
Impacts of Mongol conquests on state formation and trade networks across Eurasia. Examines the historiography and legacy of these conquests.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 343 - Early Japan: Shinto and Samurai, Courtiers and Courtesans

Course Information

Teaching Area (new)
HIST

Course Number
343

Teaching Area
HIST

Course Title
Early Japan: Shinto and Samurai, Courtiers and Courtesans

Course Description
Political, social, religious, and cultural developments to ca. 1850.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Literature

Tags
183360, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Interpretation

Tags
183381, 2

Learning Outcome
Students will be able to interpret and discuss the meanings and historical and historiographical value of primary and secondary source texts.

Title
Critical Analysis

Tags
183387, 3

Learning Outcome
Students will be able to analyze historical arguments and place them in a historiographical context.

Title
Historical Knowledge of Japan before 1850

Tags
183674, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and cultural developments in Japanese history until around 1850.

HIST 344 - Modern Japan

Course Information

Teaching Area (new)
HIST

Course Number
344

Teaching Area
HIST

Course Title
Modern Japan

Course Description
Main themes in Japanese history from the early 19th century to the present.

Department
History

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Literature

Tags
183362, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Interpretation

Tags
183379, 2

Learning Outcome
Students will be able to interpret and discuss the meanings and historical and historiographical value of primary and secondary source texts.

Title
Critical Analysis

Tags
183406, 3

Learning Outcome
Students will be able to analyze historical arguments and place them in a historiographical context.

Title
Historical Knowledge of Japan from the early 19th century to the present

Tags
183673, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and cultural developments in Japanese history from the early 19th century to the present.

HIST 345 - Islam in Africa

Course Information

Teaching Area (new)
HIST

Course Number
345

Teaching Area
HIST

Course Title
Islam in Africa

Course Description
This course focuses on how Muslim Africans navigated interfaith relationships in religiously plural societies.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 347 - Chinese Cultural History

Course Information

Teaching Area (new)
HIST

Course Number
347

Teaching Area
HIST

Course Title
Chinese Cultural History

Course Description
Methods and approaches of the cultural historian; in-depth investigation of a selected topic in Chinese cultural history. Topics may include women, Silk Roads, material culture, etc.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Chinese Cultural History

Tags
183013, 1

Learning Outcome
Students will be able to explain and understand the methods and approaches of the cultural historian through an investigation of select topics in Chinese cultural history.

Title
Research Literature

Tags
183284, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions

Title
Critical Analysis

Tags
183436, 2

Learning Outcome
Students ability to identify arguments (assertions, claims, theses) and analyze supporting evidence in secondary scholarship should improve

HIST 348 - Modern South East Asia

Course Information

Teaching Area (new)
HIST

Course Number
348

Teaching Area
HIST

Course Title
Modern South East Asia

Course Description
Complex history of the varied nations of this vast area: religion, colonialism, nationalism, independence.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183014, 1

Learning Outcome
Gain a historical consciousness by demonstrating a knowledge of major developments in South East Asia and world history and understand key historical terms and theories.

Title
Effective Communication

Tags
183283, 2

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

Title
Research Literature

Tags
183384, 1

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid historical assertions by using the historical method of research effectively by skillfully and honestly using primary and secondary sources.

HIST 349 - History of Asian Religions and Thought

Course Information

Teaching Area (new)
HIST

Course Number
349

Teaching Area
HIST

Course Title
History of Asian Religions and Thought

Course Description
Major themes in religion, philosophy, and ideas in Asia.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Chinese Thought and Religion

Tags
183015, 1

Learning Outcome
Students will be able to understand and analyze key concepts in Chinese thought and religion as well as the logic behind core beliefs and practices

Title
Research Literature

Tags
183331, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

HIST 350 - English Language Paleography

Course Information

Teaching Area (new)
HIST

Course Number
350

Teaching Area
HIST

Course Title
English Language Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of the English-speaking world, in sources useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 351 - German Language Paleography

Course Information

Teaching Area (new)
HIST

Course Number
351

Teaching Area
HIST

Course Title
German Language Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts used in German-speaking world, in sources useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 352 - Scandinavian Languages Paleography

Course Information

Teaching Area (new)
HIST

Course Number
352

Teaching Area
HIST

Course Title
Scandinavian Languages Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Scandinavian languages, in sources useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 353 - Romance Languages Paleography

Course Information

Teaching Area (new)
HIST

Course Number
353

Teaching Area
HIST

Course Title
Romance Languages Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Romance languages, in sources useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 354 - Russian Language Paleography

Course Information

Teaching Area (new)
HIST

Course Number
354

Teaching Area
HIST

Course Title
Russian Language Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts, in vernacular scripts of Russian in sources useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Paleography and Language

Tags
183495, 0, 1

Learning Outcome

Students will deepen their skills in reading old handwriting in Russian through instruction and practice in paleography techniques and Russian language concepts and vocabulary.

Title
Research Sources

Tags
183496, 0, 2

Learning Outcome

Students will develop greater skill in recognizing and using family history sources in the Russian language through extensive practice transcribing, transliterating, translating, and analyzing original sources.

Title
Research Methods

Tags
183497, 0, 3

Learning Outcome

Students will be able to apply paleography techniques with understanding of historical, geographic, linguistic, and other contexts to strengthen their skills in analysis and making sound conclusions.

HIST 355 - History of Argentina

Course Information

Teaching Area (new)
HIST

Course Number
355

Teaching Area
HIST

Course Title
History of Argentina

Course Description
Rise of modern Argentina from colonial times, focusing on the dynamic political, economic, social, and cultural developments since independence.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Argentina

Tags
183022, 1

Learning Outcome
Learn and understand more about the historical processes that have shaped the nation of Argentina from colonial times up to the present.

Title
Effective Communication

Tags
183309, 1

Learning Outcome
To be able to discuss and explain those processes through the written and spoken word with clarity, persuasiveness, and proper use of evidence

Title
Effective Writing

Tags
183439, 2

Learning Outcome
To write a well written, organized, and developed term paper using the critical thinking and writing skills of a historian

Title
Research Literature

Tags
183443, 3

Learning Outcome
To be able to read primary sources and discuss their utility in constructing historical arguments.

HIST 356 - Brazil

Course Information

Teaching Area (new)
HIST

Course Number
356

Teaching Area
HIST

Course Title
Brazil

Course Description
From 1500 to present, emphasizing relationship between colonial patterns and twentieth-century reality and dilatory transformation of Brazil's political and economic culture.

Department
History

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Brazil's history since 1500

Tags
183023, 1

Learning Outcome
Students will become academically conversant in the major social, economic, and cultural developments of Brazil's history since 1500.

Title
Historical Writing

Tags
183249, 4

Learning Outcome
Students will be able to write history that is coherent and persuasive by following discipline’s norms for writing and careful documentation.

Title
Historical Research

Tags
183368, 3

Learning Outcome
Students will be able to formulate original historical questions and answer them by careful and systematic research in primary and secondary sources.

Title
Historical Analysis

Tags
183432, 2

Learning Outcome
Students will be able to analyze and evaluate the content and meaning of primary sources, and through critical interpretation, draw reasonable conclusions.

HIST 357 - The Indian in Latin American History

Course Information

Teaching Area (new)
HIST

Course Number
357

Teaching Area
HIST

Course Title
The Indian in Latin American History

Course Description
History of Latin American Indians from preconquest days to the present; achievements, contributions, and problems.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Mayas, Aztecs and Incas

Tags
183024, 1

Learning Outcome
Students will be able to explain and analyze the political, economic, social, religious, and cultural structures of the Mayas, Aztecs, and Incas, how they were transformed by the Spanish conquest, and how they developed in reaction to European colonialism.

Title
Critical Analysis

Tags
183241, 3

Learning Outcome
Students will analyze historical questions and place them in historiographical context.

Title
Analytical Writing

Tags
183311, 2

Learning Outcome
Students will gain experience in historical research and improve writing skills.

Title
Research Literature

Tags
183386, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

HIST 358 - Gender and History in Latin America

Course Information

Teaching Area (new)
HIST

Course Number
358

Teaching Area
HIST

Course Title
Gender and History in Latin America

Course Description
How gender roles have been defined legally, socially, and culturally in Latin America from the colonial period to the present, emphasizing the nineteenth and twentieth centuries.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Gender Issues in Latin America

Tags
182955, 1

Learning Outcome
To understand how gender relations and gender roles developed in Latin America from colonial times to the present.

Title
Effective Writing

Tags
183310, 3

Learning Outcome
To write a well written, organized, and developed term paper using the critical thinking and writing skills of a historian.

Title
Effective Communication

Tags
183337, 2

Learning Outcome
To be able to discuss and explain those developments through the written and spoken word with clarity, persuasiveness, and proper use of evidence.

Title
Research Literature

Tags
183421, 4

Learning Outcome
To be able to read primary sources and discuss their utility in constructing historical arguments.

HIST 360 - American West to 1900

Course Information

Teaching Area (new)
HIST

Course Number
360

Teaching Area
HIST

Course Title
American West to 1900

Course Description
The American West as a place of great diversity. Topics include Native American societies, European colonization, explorations, the fur trade, overland migrations, Indian relations, mining, settlement, and the environment.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of American West before 1900

Tags
183029, 1

Learning Outcome
Students will be able to explain and interpret major developments and historical terms in the history of the American West before 1900.

Title
Critical Analysis

Tags
183366, 2

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

Title
Research Methods

Tags
183367, 1

Learning Outcome
Students will be able to interpret primary sources and use evidence from those documents to support historical assertions and interpretive generalizations

HIST 361 - The American West Since 1900

Course Information

Teaching Area (new)
HIST

Course Number
361

Teaching Area
HIST

Course Title
The American West Since 1900

Course Description
Pivotal developments in the twentieth-century West, including urbanization, Sun Belt migration, political protest, labor history, Native American history, immigration, water policy, tourism, military-industrial complex, Hollywood.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of the American West since 1900

Tags
183030, 1

Learning Outcome
Students will be able to explain and interpret major developments and historical terms in the history of the American West since 1900.

Title
Critical Evaluation

Tags
183302, 3

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

Title
Research Literature

Tags
183444, 2

Learning Outcome
Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations.

HIST 362 - United States Immigration History

Course Information

Teaching Area (new)
HIST

Course Number
362

Teaching Area
HIST

Course Title
United States Immigration History

Course Description
Overview of the key developments, questions, debates, and theories surrounding the study of U.S. immigration history. A chronological and thematic exploration of the intersection of race/ethnicity, class, gender, sexuality, and citizenship within U.S. immigration history.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 363 - The Spanish Frontier in North America

Course Information

Teaching Area (new)
HIST

Course Number
363

Teaching Area
HIST

Course Title
The Spanish Frontier in North America

Course Description
Spanish exploration, occupation, and institutions of northern Mexico, the American southwest, and Florida, 1521-1821; Mexican period to 1848.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Spanish and Mexican Frontier

Tags
183031, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in the history of the Spanish and Mexican northern frontier in North America between approximately 1492 and 2011

Title
Research Literature

Tags
183269, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents

Title
Critical Interpretation

Tags
183385, 2

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

HIST 364 - Utah

Course Information

Teaching Area (new)
HIST

Course Number
364

Teaching Area
HIST

Course Title
Utah

Course Description
Major themes and events in the history of Utah, including the evolution of Latter-day Saint identity and culture, with particular emphasis upon thematic intersections between Utah's history and the history of the American West and the United States at large.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Utah

Tags
183032, 1

Learning Outcome
Students will be able to explain and interpret major developments and historical terms in Utah history.

Title
Research Literature

Tags
183062, 2

Learning Outcome
Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations.

Title
Critical Evaluation

Tags
183063, 3

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources.

Title
Integrate Matters of Faith

Tags
183064, 0, 4

Learning Outcome
Students will be able to integrate matters of faith within discussions of major developments in Utah history involving the Church of Jesus Christ of Latter-day Saints.

HIST 366 - Slavery and the Slave Trade in Africa and the Atlantic World

Course Information

Teaching Area (new)
HIST

Course Number
366

Teaching Area
HIST

Course Title
Slavery and the Slave Trade in Africa and the Atlantic World

Course Description
Major social, political, economic, and cultural developments in the history of slavery in Africa and the Americas between the 15th and 19th centuries, taking the lands and the people of the Atlantic Ocean region as a geographical unit.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
3-

Tags
183235, 2

Learning Outcome
History teaching majors will start to apply information and ideas from the course to future teaching.

Title
2-

Tags
183400, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

Title
1-

Tags
183445, 0

Learning Outcome
Students will be able to explain and analyze the major social, political, economic, and cultural developments in the history of slavery in the Atlantic World between the 15th and 19th centuries.

HIST 367 - Slavery in the United States

Course Information

Teaching Area (new)
HIST

Course Number
367

Teaching Area
HIST

Course Title
Slavery in the United States

Course Description
Historical themes and developments of slavery in the U.S.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Slavery in North America

Tags
183034, 1

Learning Outcome
Students will be able to explain and analyze the major social, political, economic, and cultural developments in the history of slavery in North America from the 17th century through 1865

Title
Apply Ideas to Future Teaching

Tags
183084, 2

Learning Outcome
History teaching majors will start to apply information and ideas from the course to future teaching.

Title
Critical Analysis

Tags
183085, 3

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Analytical Writing

Tags
183086, 4

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

HIST 368 - Sport, Society, and American Culture

Course Information

Teaching Area (new)
HIST

Course Number
368

Teaching Area
HIST

Course Title
Sport, Society, and American Culture

Course Description
Development of sports in American society, emphasizing ethnic and racial groups, social classes, gender, gambling, politics, and social mobility.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of American Sports

Tags
183035, 1

Learning Outcome
Students will be able to explain the major social, cultural, and historical developments in American sport history.

Title
Critical Interpretation

Tags
183036, 2

Learning Outcome
Students will understand the major historiographical debates in American sport history.

Title
Critical Analysis

Tags
183087, 3

Learning Outcome
Students will be able to evaluate the relationship between sports and race, class, and gender issues in American history.

HIST 370 - Early America

Course Information

Teaching Area (new)
HIST

Course Number
370

Teaching Area
HIST

Course Title
Early America

Course Description
Interactions among the indigenous peoples of North America and European explorers, traders, and colonizers up to 1765, including their legal, economic, and political frameworks and contrasting approaches to culture, gender, religion, and the environment.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Colonial America

Tags
183039, 1

Learning Outcome
Students will demonstrate an understanding of the major events and issues in colonial American history and historiography.

Title
Critical Analysis

Tags
183091, 2

Learning Outcome
Students will be able to identify and critically respond to the argument of a historical monograph.

Title
Research Literature

Tags
183092, 3

Learning Outcome
Students will be able to identify, evaluate and locate appropriate primary and secondary sources for colonial American history.

Title
Effective Communication

Tags
183093, 4

Learning Outcome
Students will be able to create and support an argument based on a major issue in colonial American historiography, using primary and secondary sources.

HIST 371 - Revolutionary America

Course Information

Teaching Area (new)
HIST

Course Number
371

Teaching Area
HIST

Course Title
Revolutionary America

Course Description
Causes and consequences of the American Revolution, the confederation era, and the framing of the Constitution.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Revolutionary America

Tags
183040, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in Revolutionary America.

Title
Crticial Analysis

Tags
183094, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Critical Communication

Tags
183095, 4

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

Title
Research Literature

Tags
183455, 3

Learning Outcome
Students will be able to analyze and interpret primary source documents.

HIST 372 - The History of the US Presidency

Course Information

Course Number
372

Teaching Area
HIST

Course Title
The History of the US Presidency

Course Description
This course explores the history and evolution of the U.S. presidency from the Constitutional Convention in 1787 to the present.

Department
History

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Historical understanding

Tags
213884, 0, 1, 2023-08-29 09:28:31

Learning Outcome
Students will be able to understand and be able to explain the foundations of the U.S. presidency from its origins at the Constitutional Convention.

Title
Students will be able to explain and analyze the major developments in the powers and roles of the U.S. president from the founding to the present.

Tags
213885, 0, 2, 2023-08-29 09:28:34

Learning Outcome
Historical analysis

Title
Primary source analysis

Tags
213886, 0, 3, 2023-08-29 09:28:37

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents

Title
Historical writing

Tags
213887, 0, 4, 2023-08-29 09:28:38

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual related to the development of the U.S. presidency.

HIST 373 - Civil War Era, 1848-1877

Course Information

Teaching Area (new)
HIST

Course Number
373

Teaching Area
HIST

Course Title
Civil War Era, 1848-1877

Course Description
Causes of the war, major military events (leaders, campaigns, soldiers), war on the home fronts, why the South lost, Reconstruction, the legacy of the war.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Civil War and Reconstruction

Tags
183041, 1

Learning Outcome
Students will be able to explain and analyze the main themes and developments of the Civil War and Reconstruction, as well as their roots and legacy.

Title
Critical Analysis

Tags
183096, 2

Learning Outcome
Students will be able to analyze and interpret primary source documents, both in writing and in class discussions.

Title
Critical Analysis

Tags
183097, 3

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Apply information to Future Teaching

Tags
183098, 4

Learning Outcome
History teaching majors will start to apply information and ideas from the course to future teaching.

HIST 374 - U.S. History from 1890 to 1945

Course Information

Teaching Area (new)
HIST

Course Number
374

Teaching Area
HIST

Course Title
U.S. History from 1890 to 1945

Course Description
Political, economic, and social movements and ideas that trace rise of U.S. as a world power in first half of twentieth century.

Department
History

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Evaluation

Tags
183099, 2

Learning Outcome
Students will hone their ability to skillfully and honestly evaluate historical arguments in secondary sources.

Title
Research Literature

Tags
183100, 3

Learning Outcome
Students will be able to interpret primary documents and use evidence from those documents to support historical assertions and interpretive generalizations

Title
Historical Knowledge of US 1890-1945

Tags
183457, 1

Learning Outcome
Students will be able to explain and interpret major developments and historical terms in the history of the United States between 1890 and 1945.

HIST 376 - U.S. History from 1945 to 2000

Course Information

Teaching Area (new)
HIST

Course Number
376

Teaching Area
HIST

Course Title
U.S. History from 1945 to 2000

Course Description
Movements and ideas that shaped society, politics, economy, and diplomacy of the United States from 1945 to 2000.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of U.S. History from 1945 to Present

Tags
183043, 1

Learning Outcome
Students will be able to explain and analyze the major political, social, diplomatic, economic, cultural, and constitutional developments in U.S. history from 1945 to the present.

Title
Analytical Writing

Tags
183103, 2

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from U.S. history since 1945.

Title
Research Literature

Tags
183104, 3

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

HIST 377 - Growing Up in America: A History of Childhood and Youth

Course Information

Teaching Area (new)
HIST

Course Number
377

Teaching Area
HIST

Course Title
Growing Up in America: A History of Childhood and Youth

Course Description
The changing experiences of young people growing up in America. Major themes in the history of American childhood and youth from the colonial period to the present.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 378 - History of American Families

Course Information

Teaching Area (new)
HIST

Course Number
378

Teaching Area
HIST

Course Title
History of American Families

Course Description
History of American families from colonial period to the present.

Department
History

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of American Families

Tags
182956, 1

Learning Outcome
Students will be able to explain and analyze the major intellectual, economic, religious, social, cultural, and political developments affecting changes in American families of various races, classes, and regions from 1607 to the present.

Title
Critical Analysis

Tags
182957, 2

Learning Outcome
Students will be able to analyze an important historical question in the history of American families

Title
Research Methods

Tags
183105, 3

Learning Outcome
Students will be able to isolate the theses and supporting arguments of secondary sources on the history of American families.

Title
Effective Communication

Tags
183106, 4

Learning Outcome
Students will be able to research, analyze, and integrate primary and secondary sources into a coherent and well-written argument.

HIST 379 - U.S. Religious History to 1860

Course Information

Teaching Area (new)
HIST

Course Number
379

Teaching Area
HIST

Course Title
U.S. Religious History to 1860

Course Description
Religious developments from colonial times to 1860.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analysis of primary source documents

Tags
183479, 2

Learning Outcome
Students will be able to contextualize and explain primary source documents relating to U.S. religious history.

Title
Analysis of the historiography of U.S. religious history

Tags
183480, 3

Learning Outcome
Students will become acquainted with, and learn to critically evaluate, historical scholarship dealing with key issues and events in U.S. religious history.

Title
Key events in American religious history

Tags
183481, 1

Learning Outcome
Students will be able to identify and explain the significance of key events, individuals, and ideas in American religious history to 1860

HIST 380 - U.S. Religious History Since 1860

Course Information

Teaching Area (new)
HIST

Course Number
380

Teaching Area
HIST

Course Title
U.S. Religious History Since 1860

Course Description
Examines religious people, institutions, beliefs, and practices in U.S. history since the Civil War.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical knowlege of major U.S. religious groups

Tags
183482, 1

Learning Outcome
Identify the historical origins, beliefs, and practices of major religious groups in the modern US.

Title
Historical knowledge of major events in American religious history

Tags
183483, 2

Learning Outcome
Identify major events, trends, and transformations in the history of american religion in the post-1860 period.

Title
Analysis of primary sources

Tags
183484, 3

Learning Outcome
Critically examine historical documents related to the history of American religion.

Title
Analysis of the historiography of American religious history

Tags
183485, 4

Learning Outcome
Offer informed perspectives on the ways scholars have understood the history of modern American religion.

HIST 381 - Computers in Family Historical Research and Publication

Course Information

Teaching Area (new)
HIST

Course Number
381

Teaching Area
HIST

Course Title
Computers in Family Historical Research and Publication

Course Description
Use of computer programs and the internet in researching family, local, and social history; including programs and techniques for publishing.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

HIST 382 - Mormonism in the American Experience

Course Information

Teaching Area (new)
HIST

Course Number
382

Teaching Area
HIST

Course Title
Mormonism in the American Experience

Course Description
Social, economic, political, intellectual, and religious environment in which Mormonism flourished; contributions of Mormon men and women to American culture and history.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Mormonism

Tags
183044, 1

Learning Outcome
Students will be able to summarize and assess key aspects of how Mormonism has been situated in the larger cultural and religious geography of America

Title
Critical Analysis

Tags
183107, 2

Learning Outcome
Students will become acquainted with, and learn to assess the academic conversation concerning Mormonism

Title
Research Literature

Tags
183108, 3

Learning Outcome
Students will learn how particular primary sources provide key building blocks in prominent interpretations of the place of Mormonism in American history

Title
Effective Communication

Tags
183109, 4

Learning Outcome
Students will enhance their verbal communication skills through participation in class discussion.

HIST 383 - African-American History, 1865 to Present

Course Information

Teaching Area (new)
HIST

Course Number
383

Teaching Area
HIST

Course Title
African-American History, 1865 to Present

Course Description
Social, economic, intellectual, political factors; struggle for racial equality; race and gender relationships; how changing ideas of race affect American life and politics.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hist 200, 220, 221

Learning Outcomes

Title
Historical Knowledge of African-American History since 1865

Tags
183045, 1

Learning Outcome
Students will be able to identify and analyze major themes in African-American History from emancipation and the rise of Jim Crow to the beginning of the 21st century. They will also be able to recognize the ways that shifting notions of race have shaped (and continue to shape) American life and politics.

Title
Provide Service

Tags
183046, 2

Learning Outcome
Students will be able to use their training in African American history to serve their community.

Title
Research Literature

Tags
183110, 3

Learning Outcome
Students will be able to analyze, interpret, and evaluate primary sources

Title
Critical Debate

Tags
183111, 4

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary sources with their peers.

Title
Critical Analysis

Tags
183112, 5

Learning Outcome
Students will be able to analyze and create historical questions and place them in a historiographical context.

Title
Analytical Writing

Tags
183113, 6

Learning Outcome
Students will demonstrate proficiency in using historical methods of research and in integrating data into a coherent argument expressed through a clear, well-written style.

HIST 384 - United States Women's History

Course Information

Teaching Area (new)
HIST

Course Number
384

Teaching Area
HIST

Course Title
United States Women's History

Course Description
Survey course of women's experience in American culture and society from the Puritans to the present.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of U.S. Women's History

Tags
182958, 1

Learning Outcome
Students will be able to explain and analyze the experiences of women in America from the colonial period to the present, the ways that ideas about gender have shaped American life, and significant issues and debates in U.S. Women's history.

Title
Critical Interpretation

Tags
182959, 2

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary sources with their peers.

Title
Critical Analysis

Tags
182960, 3

Learning Outcome
Students will be able to analyze and create historical questions and place them in a historiographical context.

Title
Application to Current Issues and Events

Tags
182961, 4

Learning Outcome
Students will be able to apply their understanding of American women's history to current issues and events.

Title
Research Literature

Tags
183114, 5

Learning Outcome
Students will be able to analyze, interpret, and evaluate primary sources.

Title
Analytical Writing

Tags
183239, 4

Learning Outcome
Students will demonstrate proficiency in using historical methods of research and in integrating data into a coherent argument expressed through a clear, well-written style.

HIST 385 - Latinos in the United States

Course Information

Teaching Area (new)
HIST

Course Number
385

Teaching Area
HIST

Course Title
Latinos in the United States

Course Description
The place of Latin Americans within the context of U.S. history. The growth and development of the largest Latino communities from pre-colonial times to present day and how Latinos may influence future policies within the U.S.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Latinos in the U.S.

Tags
183047, 1

Learning Outcome
Students will learn the history of Latinos in this country beginning with the circumstances which brought them to this country, the ways they have integrated or resisted integration, and the efforts they have made to claim their rights as citizens.

Title
Critical Analysis

Tags
183048, 2

Learning Outcome
Students will learn the current state of Latino social and cultural integration in the Utah community.

Title
Analytical Writing

Tags
183115, 3

Learning Outcome
Students will learn to write a major essay on the history of Latinos in order to understand the literature as well as the primary sources available on this community.

Title
Critical Interpretation

Tags
183340, 1

Learning Outcome
Students will learn to interpret the documents and rhetoric of this community which will help them understand the intellectual, cultural and political thought of Latinos over the last 100 years.

HIST 386 - American Indian History to 1877.

Course Information

Teaching Area (new)
HIST

Course Number
386

Teaching Area
HIST

Course Title
American Indian History to 1877.

Course Description
North American Indian history before and after European colonization up to 1877, including Native cultures, politics, religion, diplomacy, war, trade, and interactions with other nations as well as with European colonists and the United States government.

Department
History

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Literature

Tags
213888, 0, 1, 2023-08-29 09:28:57

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources related to American Indian history.

Title
Critical Analysis

Tags
213889, 0, 2, 2023-08-29 09:28:59

Learning Outcome
Students will be able to interpret primary sources and use evidence from those documents to support historical arguments.

Title
Historical Knowledge of American Indian Cultural Traditions

Tags
213890, 0, 3, 2023-08-29 09:29:04

Learning Outcome
Students will recognize important elements of American Indian cultural traditions and explore how Latter-day Saint American Indians have balanced their intellectual pursuits, their faith, and their cultures.

Title
Historical Knowledge of American Indian History

Tags
213891, 0, 4, 2023-08-29 09:29:05

Learning Outcome
Students will be able to evaluate American Indian history and cultures, employ historical research skills effectively, and apply appropriate methods and theories to the study of American Indian history and contemporary American Indian issues.

HIST 387 - American Indian History from 1877 to the Present.

Course Information

Teaching Area (new)
HIST

Course Number
387

Teaching Area
HIST

Course Title
American Indian History from 1877 to the Present.

Course Description
North American Indian history from 1877 to the present day, including the history and culture of various American Indian nations, their trade, diplomacy, and military campaigns with the United States, and historical and sociocultural factors affecting nineteenth- and twentieth-century American Indians in both urban and reservation settings, and current challenges facing American Indian communities.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of American Indian Cultural Traditions

Tags
213892, 0, 1, 2023-08-29 09:29:08

Learning Outcome
Students will be able to evaluate American Indian history and cultures, employ historical research skills effectively, and apply appropriate methods and theories to the study of American Indian history and contemporary American Indian issues.

Title
Historical Knowledge of American Indian Cultural Traditions

Tags
213893, 0, 2, 2023-08-29 09:29:10

Learning Outcome
Students will recognize important ideas of American Indian and non-American Indian cultural traditions and how Latter-day Saint American Indians have balanced their intellectual pursuits, their faith, and their cultures.

Title
Critical Analysis

Tags
213894, 0, 3, 2023-08-29 09:29:11

Learning Outcome
Students will be able to interpret primary sources and use evidence from those documents to support historical arguments related to American Indian history.

Title
Research Literature

Tags
213895, 0, 4, 2023-08-29 09:29:13

Learning Outcome
Students will be able to skillfully and honestly evaluate historical arguments in secondary sources related to American Indian history.

HIST 388 - Genetic Genealogy

Course Information

Teaching Area (new)
HIST

Course Number
388

Teaching Area
HIST

Course Title
Genetic Genealogy

Course Description
This class teaches the methodologies to effectively use DNA evidence in genealogical and family research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
History 388 Learning Outcomes

Tags
213277, 0, 1

Learning Outcome

Students will learn the foundational principles of genetic genealogy and how to plan which test(s) to use to address a research question.
Students will be able to apply the appropriate methodology to address a genetic genealogy problem and will be able to select and use the relevant tools.
Students will be able to integrate DNA evidence into their genealogical problem solving and follow industry standards.

HIST 389 - Mormonism Among Christian Theologies: A Comparative History

Course Information

Teaching Area (new)
HIST

Course Number
389

Teaching Area
HIST

Course Title
Mormonism Among Christian Theologies: A Comparative History

Course Description
Comparison of the historical development and varying constructions of key aspects of Mormon and other Christian thought.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 390R - Special Topics in History

Course Information

Teaching Area (new)
HIST

Course Number
390R

Teaching Area
HIST

Course Title
Special Topics in History

Course Description
\tPresented by visiting or regular faculty. Varied topics include oral history, demographics, psychohistory, Christianity in history, family history research, etc.

Department
History

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183589, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Historical Writing

Tags
183590, 3

Learning Outcome
Students will improve their writing skills.

Title
Analytical Reading

Tags
183619, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Knowledge

Tags
183609, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Historical Knowledge

Tags
183279, 0

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments in a special topic.

Title
Analytical Reading

Tags
183610, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Critical Analysis

Tags
183294, 3

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Historical Writing

Tags
183611, 3

Learning Outcome
Students will improve their writing skills.

Title
Research Literature

Tags
183303, 1

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Historical Knowledge

Tags
183612, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Critical Interpretation

Tags
183373, 2

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

Title
Analytical Reading

Tags
183613, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Writing

Tags
183614, 3

Learning Outcome
Students will improve their writing skills.

Title
Historical Knowledge

Tags
183615, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Analytical Reading

Tags
183616, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Writing

Tags
183617, 3

Learning Outcome
Students will improve their writing skills.

Title
Historical Knowledge

Tags
183618, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Analytical Reading

Tags
183620, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Writing

Tags
183621, 3

Learning Outcome
Students will improve their writing skills.

Title
Historical Knowledge

Tags
183622, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Analytical Reading

Tags
183623, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Writing

Tags
183624, 3

Learning Outcome
Students will improve their writing skills.

Title
Historical Knowledge

Tags
183625, 1

Learning Outcome
Students will learn the major themes, events, and issues related to a particular historical topic, chosen by the instructor.

Title
Analytical Reading

Tags
183626, 2

Learning Outcome
Students will improve their proficiency in reading primary and secondary sources.

Title
Historical Writing

Tags
183627, 3

Learning Outcome
Students will improve their writing skills.

HIST 391 - The Vietnam War

Course Information

Teaching Area (new)
HIST

Course Number
391

Teaching Area
HIST

Course Title
The Vietnam War

Course Description
U.S. involvement in the wars in Vietnam from both a domestic and international perspective, focusing on the conflict independently and in context of the broader Cold War.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Vietnam War

Tags
183049, 1

Learning Outcome
Students will be able to explain and analyze political, social, cultural, diplomatic, and military developments; short- and long-term influences; and ramifications or "lessons" deriving from the U.S. experience during the Vietnam War from 1945 to 1975 from both a domestic and international perspective.

Title
Research Literature

Tags
183116, 2

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

Title
Analytical Writing

Tags
183117, 3

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from the U.S. experience in Vietnam.

HIST 392 - U.S. Constitutional History

Course Information

Teaching Area (new)
HIST

Course Number
392

Teaching Area
HIST

Course Title
U.S. Constitutional History

Course Description
Constitutional traditions and constitution making, federalism, and constitutional notions of political equity and social justice, from the colonial period to the present.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Crticial Analysis

Tags
183050, 2

Learning Outcome
Students will be able to analyze historical questions and place them in a historiographical context.

Title
Historical Knowledge of the US Constitution

Tags
183118, 1

Learning Outcome
Students will be able to explain and analyze the major political, economic, social, and religious developments that led to the U.S. Constitution

Title
Research Literature

Tags
183119, 3

Learning Outcome
Students will be able to analyze and interpret primary source documents.

Title
Critical Communication

Tags
183120, 4

Learning Outcome
Students will be able to interpret and debate the meanings and historical value of primary source texts with their peers.

HIST 393 - U.S. Foreign Relations

Course Information

Teaching Area (new)
HIST

Course Number
393

Teaching Area
HIST

Course Title
U.S. Foreign Relations

Course Description
U.S. diplomatic history from the American revolution to the present; examines major themes and critical events within both domestic and international contexts.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Foreign Relations (1776 to Present)

Tags
183051, 1

Learning Outcome
Students will be able to explain and analyze the major themes and problems in the making, implementation, and evolution of U.S. foreign relations from 1776 to the present.

Title
Research Literature

Tags
183121, 2

Learning Outcome
Students will be able to analyze, interpret, and debate the meanings and historical significance of primary source documents.

Title
Analytical Writing

Tags
183122, 3

Learning Outcome
Students will be able to produce an original, analytical, and primary source based historical essay examining a key issue, theme, or individual from the history of U.S. foreign relations.

HIST 395 - Teaching with Technology in Social Studies

Course Information

Teaching Area (new)
HIST

Course Number
395

Teaching Area
HIST

Course Title
Teaching with Technology in Social Studies

Course Description
This course will highlight technologies that have particular value in social studies classrooms. We will explore, analyze, and practice with technologies that support social studies content, and those that support student engagement. Candidates will have the opportunity to develop technology-rich learning experiences.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Online Professionalism

Learning Outcome
Understand and demonstrate norms of online professionalism. Identify and understand copyright issues and limitations in a classroom, including open licensing options.

Title
Curriculum Design

Learning Outcome
Develop technology enhanced lessons to support student learning and engagement in secondary social studies. Create multimedia artifacts to support social studies content. Create a portfolio of technology-rich learning experiences for students.

Title
Pedagogical Decision Making

Learning Outcome
Define types of educational technologies, and the challenges and benefits of using each in social studies classrooms. Identify and analyze characteristics of technology tools that benefit student learning in a social studies class, and demonstrate pedagogical decision making.

HIST 396 - Telling the Story of History: A Writing Workshop

Course Information

Teaching Area (new)
HIST

Course Number
396

Teaching Area
HIST

Course Title
Telling the Story of History: A Writing Workshop

Course Description
Workshop in writing narrative history, emphasizing the problems of writing historical narrative. Theories and examples of narrative history.

Department
History

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hist 200, 220, 221

HIST 397 - Historical Literacies in United States History

Course Information

Teaching Area (new)
HIST

Course Number
397

Teaching Area
HIST

Course Title
Historical Literacies in United States History

Course Description
Historical literacy within the context of U.S. history; preparation of instructional materials and field experiences for elementary and secondary education students.

Department
History

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Evaluating information

Tags
183225, 7

Learning Outcome
Students will assess the role of observation, reasoning, revelation, and evaluating information in building faith and testimony of Christ and His restored gospel.

Title
Historical Literacy

Tags
183226, 5

Learning Outcome
Students will apply historical literacy strategies when engaged in historical inquiry or when conducting online research or using social media.

Title
Teaching Methods

Tags
183227, 11

Learning Outcome
Students will create lessons and use teaching methods that nurture young students' historical literacies and prepare young people for informed civic engagement.

Title
4-

Tags
183248, 3

Learning Outcome
Prospective teachers will consider the wide variety of textual genres that historians and archeologists use as evidence about the past.

Title
7-

Tags
183255, 6

Learning Outcome
Prospective teachers will explore instructional strategies that help students use historical evidence to support their independently developed historical interpretations.

Title
2-

Tags
183292, 1

Learning Outcome
Prospective teachers will identify instructional strategies that help students approach historical inquiry from a more mature epistemic stance.

Title
5-

Tags
183305, 4

Learning Outcome
Prospective teachers will consider second order concepts, or metaconcepts, that pupils must understand in order to become historically literate.

Title
3-

Tags
183358, 2

Learning Outcome
Prospective teachers will consider the heuristics historians use in engaging in historical inquiry and how students can be taught to use these heuristics.

Title
13-

Tags
183364, 12

Learning Outcome
Prospective teachers will explore options for curriculum mapping in developing a scope and sequence for a US history course.

Title
9-

Tags
183412, 8

Learning Outcome
Prospective teachers will create a series of text sets, including primary sources, that they will be able to use to build their students' historical literacies.

Title
10-

Tags
183420, 9

Learning Outcome
Prospective teachers will construct lesson plans and will execute these plans in elementary and/or secondary classrooms.

Title
11-

Tags
183433, 10

Learning Outcome
Prospective teachers will reflect on methods for improving their instructional activities.

Title
1-

Tags
183448, 0

Learning Outcome
Prospective teachers will identify methods for helping their pupils develop a more sophisticated understanding of the nature of hisotyr as a discipline.

HIST 398 - American Capitalism: Politics and the Economy in Modern American History

Course Information

Teaching Area (new)
HIST

Course Number
398

Teaching Area
HIST

Course Title
American Capitalism: Politics and the Economy in Modern American History

Course Description
Examines how economic thought has been translated into economic policy in the United States during the twentieth century.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge of 20th-c. economic theories

Tags
183515, 1

Learning Outcome
Gain knowledge of the most influential economic theories of the twentieth century; learn how those theories shaped policy and history more broadly.

Title
Knowledge of economic institutions

Tags
183516, 2

Learning Outcome
Become familiar with important economic institutions (such as the Federal Reserve, World Bank and IMF, the Treasury Department, etc.) and be able to describe their functions and influence in the economy (past and present).

Title
Historiography of economic policy

Tags
183517, 3

Learning Outcome
Locate current economic policy debates within their historical currents.

Title
Historical writing

Tags
183518, 4

Learning Outcome
Learn to integrate data into coherent arguments expressed in well-written papers and discussion.

HIST 399 - Democratic Classroom Design for Social Studies

Course Information

Teaching Area (new)
HIST

Course Number
399

Teaching Area
HIST

Course Title
Democratic Classroom Design for Social Studies

Course Description
Design and manage a classroom where students learn, analyze and experience democratic principles; prepare the physical, academic, and social space to foster engaged citizenship and shared responsibility; develop a Civic Engagement Project; visit local classrooms.

Department
History

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 420 - Latin Paleography

Course Information

Teaching Area (new)
HIST

Course Number
420

Teaching Area
HIST

Course Title
Latin Paleography

Course Description
Reading and interpretation of post-1500 handwriting within historical contexts in Latin ecclesiastical and notarial documents useful in family, local, and social history research.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
182962, 1

Learning Outcome
Students will analyze and explain the cultural, historical, and legal context for documents, the scripts used in them, and the coverage and availability

Title
Transcription Methodology

Tags
183356, 2

Learning Outcome
Students will demonstrate transcription techniques and methodologies

Title
Document Translation

Tags
183365, 1

Learning Outcome
Students will read, transcribe, and where necessary, translate documents

Title
Historical Knowledge of Common Scripts

Tags
183403, 0

Learning Outcome
Students will learn the most common Latin scripts

HIST 430R - (Hist-Clscs) Topics in Ancient Greek History

Course Information

Teaching Area (new)
HIST

Course Number
430R

Teaching Area
HIST

Course Title
(Hist-Clscs) Topics in Ancient Greek History

Course Description
Study of the history of Greece through the examination of primary Greek historiographical texts and secondary scholarship. Topics vary.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HIST 431 - Public History

Course Information

Teaching Area (new)
HIST

Course Number
431

Teaching Area
HIST

Course Title
Public History

Course Description
Preparing for public history careers by discussing opportunities and responsibilities outside the academy. Examining areas such as museums, archives, film, government, business, and historic preservation. Developing a product and working on a client-based project.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explore the theories and principles that shape public history.

Tags
183490, 1

Learning Outcome
Explore the theories and principles that shape public history.

Title
Discuss the range of influences on public understandings of the past

Tags
183491, 2

Learning Outcome
Discuss the range of influences on public understandings of the past.

Title
Examine a variety of sites that present history to the public

Tags
183492, 3

Learning Outcome
Examine a variety of sites that present history to the public

Title
Understand the methods required to engage audiences with history

Tags
183493, 4

Learning Outcome
Understand the methods required to engage audiences with history.

Title
Expand understanding of the historical profession.

Tags
183494, 5

Learning Outcome
Expand understanding of the historical profession.

HIST 439 - Seminar on Professional Family History Research

Course Information

Teaching Area (new)
HIST

Course Number
439

Teaching Area
HIST

Course Title
Seminar on Professional Family History Research

Course Description
Practicum in professional client research exploring advanced genealogical methodologies.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 217 - The Family Historian's Craft

Learning Outcomes

Title
Compile Research Reports

Tags
183640, 2

Learning Outcome
Students will be able to write and/or compile a variety of analytical research reports, in preparation for potential clients and employers who will hire them to conduct research on ancestral families.

Title
Research Methods

Tags
183638, 0, 0

Learning Outcome
Students will learn the key methods of family history research in US or UK sources, to solve difficult research problems from the 1700s and 1800s.

Title
Analyze Sources

Tags
183639, 0, 1

Learning Outcome
Students will learn, on an advanced level, to analyze sources and read between the lines, to reconstitute complete families from records of the 1700s and 1800s in US or UK sources.

HIST 476 - Student Teaching - History Teaching and Social Science Teaching

Course Information

Teaching Area (new)
HIST

Course Number
476

Teaching Area
HIST

Course Title
Student Teaching - History Teaching and Social Science Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval; requires a total GPA of 3.00; at least a C- in Sc Ed 377; FBI fingerprint and background clearance.

HIST 477 - History and Social Science Teaching Methods and Instruction

Course Information

Teaching Area (new)
HIST

Course Number
477

Teaching Area
HIST

Course Title
History and Social Science Teaching Methods and Instruction

Course Description
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SC ED 276R - Exploration of Teaching: English

OR

Prerequisites

Complete ALL of the following Courses:

- HIST 276 - Exploration of Teaching - Social Science

Other Prerequisites

Fingerprinting and FBI clearance.

Note

Check with Hist 477 instructor for specific prerequisites for the major or minor program.

Learning Outcomes

Title
Learning-Centered Classrooms

Tags
183065, 1

Learning Outcome
Prospective teachers will consider the characteristics of learning-centered classrooms that are based on current theories of learning.

Title
Research-supported Teaching Methods

Tags
183066, 2

Learning Outcome
Students will study and apply research-supported teaching methods that foster students' content knowledge, content and literacy skills, and learning and democratic dispositions.

Title
Assessing Students

Tags
183229, 2

Learning Outcome
Students will consider variuos methods of assessing student learning.

Title
Teaching Resources

Tags
183276, 4

Learning Outcome
Students will consider various types of resources including texts, technology, primary source documents and litertaure that they might use to teach social studies to students with diverse backgrounds and learning styles.

Title
Teacher Work Sample

Tags
183392, 3

Learning Outcome
Students will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

Title
Critical Analysis

Tags
183429, 5

Learning Outcome
Students will coordinate and reflect on clinical experiences.

HIST 478 - Practicum in Secondary Education

Course Information

Teaching Area (new)
HIST

Course Number
478

Teaching Area
HIST

Course Title
Practicum in Secondary Education

Course Description
Implementing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SC ED 276R - Exploration of Teaching: English

OR

Prerequisites

Complete ALL of the following Courses:

- HIST 276 - Exploration of Teaching - Social Science

Other Prerequisites
Concurrent enrollment in Hist 477 or comparable major course.

Learning Outcomes

Title
Learning-centered Classrooms

Tags
183067, 1

Learning Outcome
Prospective teachers will consider the characteristics of learning-centered classrooms that are based on current theories of learning

Title
Reearch-supported Teaching Methods

Tags
183068, 2

Learning Outcome
Students will study and apply research-supported teaching methods that foster students' content knowledge, content and literacy skills, and learning and democratic dispositions.

Title
Teaching Resources

Tags
183128, 3

Learning Outcome
Students will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

Title
Teacher Work Sample

Tags
183238, 3

Learning Outcome
They will be assisted in the preparation of the teacher work sample and a multiple text inquiry activity.

Title
Assessing Students

Tags
183427, 2

Learning Outcome
Students will consider various methods of assessing student learning.

Title
Critical Analysis Assessment Reflection

Tags
183438, 5

Learning Outcome
The course will provide a forum to coordinate and reflect on the prospective teachers' clinical experiences.

HIST 479R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
HIST

Course Number
479R

Teaching Area
HIST

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
History

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

HIST 481R - Directed Research in Family History

Course Information

Teaching Area (new)
HIST

Course Number
481R

Teaching Area
HIST

Course Title
Directed Research in Family History

Course Description
Student research directed by faculty member on family history topic of mutual interest.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Genealogical Research

Tags
182970, 1

Learning Outcome
Students will identify and clearly articulate a substantive family history research problem.

Title
Genealogical Analysis and Writing

Tags
183377, 1

Learning Outcome
Students will produce a written report, project or portfolio demonstrating knowledge of the studied material.

HIST 485 - Topical Readings Seminar

Course Information

Teaching Area (new)
HIST

Course Number
485

Teaching Area
HIST

Course Title
Topical Readings Seminar

Course Description
Reading, discussing, and writing about selected historical issues. Especially recommended for students going on to graduate programs in History.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183058, 1

Learning Outcome
Students will increase their knowledge of the substantive theme of the course, which will rotate (the theme for Fall 2011, for instance, is Changes in Religious Cultures)

Title
Critical Analysis

Tags
183129, 2

Learning Outcome
Better understand how a work of History is put together, learn how to make a fair and detailed judgment of historical work (the act of criticism), all of which will make you better prepared to create History yourself

Title
Research Literature

Tags
183130, 3

Learning Outcome
Students will learn and practice fundamental analytical tools for analyzing secondary sources more deeply than is possible in most upper-level history courses

Title
Effective Communication

Tags
183289, 2

Learning Outcome
Students will, by learning more deeply how a work of history is put together, be better prepared for writing an original research paper in History 490 and for graduate school in either History or a related discipline

HIST 487 - Philosophies of History

Course Information

Teaching Area (new)
HIST

Course Number
487

Teaching Area
HIST

Course Title
Philosophies of History

Course Description
Fundamental problems and types of historical analysis and interpretation, philosophies of history, and work of outstanding historians.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Historical Writing

Tags
183131, 1

Learning Outcome
Demonstrate an understanding of major developments in the history of historical writing

Title
Identify Terms and Theories

Tags
183132, 2

Learning Outcome
Learn key historical terms and theories associated with the philosophy of history

Title
Critical Analysis

Tags
183133, 3

Learning Outcome
Distinguish between analytical and speculative philosophies of history

Title
Critical Debates

Tags
183134, 4

Learning Outcome
Consider how philosophies of history inform debates in public history and develop oral skills

Title
Historian's Craft and Religious Belief

Tags
183536, 5

Learning Outcome
Understand debates surrounding reconciling the historian's craft and religious belief and develop insights into how universities sponsored by religious institutions can contribute to higher education.

HIST 490 - Capstone Research Seminar

Course Information

Teaching Area (new)
HIST

Course Number
490

Teaching Area
HIST

Course Title
Capstone Research Seminar

Course Description
Research seminar; critical, analytical, and writing skills in preparation of a senior thesis.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HIST 200 - The Historian's Craft.

Note
Required for all history majors. Foreign language skills not required.

Learning Outcomes

Title
Research Literature

Tags
182971, 1

Learning Outcome
Demonstrate proficiency in using the historical method of research effectively by skillfully and honestly using primary and secondary sources

Title
Historical Analysis

Tags
182972, 2

Learning Outcome
Acquire the ability to analyze historical questions and issues clearly, assess historical information accurately, and distinguish between questionable and valid assertions;

Title
Effective Communication

Tags
183135, 3

Learning Outcome
Skillfully integrate data into a coherent argument expressed through a clear, well-written style and through oral communication.

HIST 495R - Directed Research

Course Information

Teaching Area (new)
HIST

Course Number
495R

Teaching Area
HIST

Course Title
Directed Research

Course Description
Student research directed by faculty member on topic of mutual interest.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's prior consent

Note
Research assistants must do additional work for credit.

Learning Outcomes

Title
Historical Knowledge

Tags
183059, 1

Learning Outcome
Students will produce a written report demonstrating knowledge of the studied material.

Title
Academic Research

Tags
183442, 0

Learning Outcome
Students will identify and clearly articulate a substantive academic research problem.

Title
Compiling a Bibliography

Tags
183447, 1

Learning Outcome
Students will produce a bibliography for reading and research using historical standards.

HIST 496R - Academic Internship: Family, Local, and Social History

Course Information

Teaching Area (new)
HIST

Course Number
496R

Teaching Area
HIST

Course Title
Academic Internship: Family, Local, and Social History

Course Description
Work-study involving family, local, and/or social history at one or more archives, libraries, publishers, data providers, or research organizations on the international, national, state, or local level, under supervision of a professional genealogist, historian, archivist, or librarian.

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An approved Internship Application is required before adding.

Learning Outcomes

Title
Internship Experience

Tags
183628, 1

Learning Outcome
Students will put into practice the skills in genealogical and historical research that they have learned through their coursework, in an internship experience.

HIST 496R - Academic Internship: History Teaching and Social Science Teaching

Course Information

Teaching Area (new)
HIST

Course Number
496R

Teaching Area
HIST

Course Title
Academic Internship: History Teaching and Social Science Teaching

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
History

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 3.00; at least a C- in Sc Ed 377; FBI fingerprint and background clearance.

Note
An APPROVED Internship Application is required before adding.

HIST 498R - Directed Readings

Course Information

Teaching Area (new)
HIST

Course Number
498R

Teaching Area
HIST

Course Title
Directed Readings

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Analytical Writing

Tags
183236, 1

Learning Outcome
Students will write a review of each book and article demonstrating knowledge and analysis of the studied material.

Title
Historical Reading

Tags
183388, 0

Learning Outcome
Students will read assigned books and articles critically, thoughtfully, and carefully.

HIST 500R - Special Studies in History

Course Information

Teaching Area (new)
HIST

Course Number
500R

Teaching Area
HIST

Course Title
Special Studies in History

Department
History

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Directed by visiting or resident faculty. Check with department secretary for current topics and instructor.

Learning Outcomes

Title
Historical knowledge

Tags
183519, 1

Learning Outcome
Students will increase their understanding of events, themes and historical context relating to specific topics determined by the instructor.

Title
Historiography

Tags
183520, 2

Learning Outcome
Students will examine and analyze the historiography of the assigned topic.

Title
Historical research and writing

Tags
183521, 3

Learning Outcome
Students will improve their skills in historical research and writing.

HIST 564 - Sources and Problems in Western U.S. History

Course Information

Teaching Area (new)
HIST

Course Number
564

Teaching Area
HIST

Course Title
Sources and Problems in Western U.S. History

Course Description
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding the American West.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical knowledge

Tags
183522, 1

Learning Outcome
Students will increase their understanding of events, themes, and historical context relating to the history of the American West.

Title
Historiography

Tags
183523, 2

Learning Outcome
Students will examine and analyze the historiography of the American West.

Title
Historical research and writing

Tags
183524, 3

Learning Outcome
Students will improve their skills in historical research and writing.

HIST 565 - Sources and Problems in Latter-day Saint History

Course Information

Teaching Area (new)
HIST

Course Number
565

Teaching Area
HIST

Course Title
Sources and Problems in Latter-day Saint History

Course Description
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding Latter-day Saint history.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical research and writing

Tags
183527, 3

Learning Outcome
Students will improve their skills in historical research and writing.

Title
Historical Knowledge

Tags
183525, 0, 1

Learning Outcome
Students will increase their understanding of events, themes, and historical context relating to the history of the Church of Jesus Christ of Latter-day Saints.

Title
Historiography

Tags
183526, 0, 2

Learning Outcome
Students will examine and analyze the historiography of relevant literature dealing with the history of the Church of Jesus Christ of Latter-day Saints.

HIST 566 - Sources and Problems in Utah History

Course Information

Teaching Area (new)
HIST

Course Number
566

Teaching Area
HIST

Course Title
Sources and Problems in Utah History

Course Description
Lecture, discussion, readings, and student writing on historians' sources and points of view regarding Utah history.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183528, 1

Learning Outcome
Students will increase their understanding of events, themes, and historical context relating to the history of Utah.

Title
Historiography

Tags
183529, 2

Learning Outcome
Students will examine and analyze the historiography of relevant literature on the history of Utah.

Title
Historical research and writing

Tags
183530, 3

Learning Outcome
Students will improve their skills in historical research and writing.

HIST 587 - Philosophies of History

Course Information

Teaching Area (new)
HIST

Course Number
587

Teaching Area
HIST

Course Title
Philosophies of History

Course Description
Fundamental problems and types of historical analysis and interpretation, philosophies of history, and work of outstanding historians.

Department
History

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge of Historical Writing

Tags
183531, 1

Learning Outcome
Demonstrate an understanding of major developments in the history of historical writing

Title
Identify Terms and Theories

Tags
183532, 2

Learning Outcome
Learn key historical terms and theories associated with the philosophy of history.

Title
Critical Analysis

Tags
183533, 3

Learning Outcome
Distinguish between analytical and speculative philosophies of history

Title
Critical Debates

Tags
183534, 4

Learning Outcome
Consider how philosophies of history inform debates in public history and develop oral skills.

Title
Historian's Craft and Religious Belief

Tags
183535, 5

Learning Outcome
Understand debates surrounding reconciling the historian's craft and religious belief and develop insights into how universities sponsored by religious institutions can contribute to higher education

HIST 590R - Special Topics

Course Information

Teaching Area (new)
HIST

Course Number
590R

Teaching Area
HIST

Course Title
Special Topics

Course Description
Western American, religious, family, Asian, Latin American, and Near Eastern history.

Department
History

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183537, 1

Learning Outcome
Students will increase their understanding of events, themes and historical context relating to a specific historical subject determined by the instructor.

Title
Historiography

Tags
183538, 2

Learning Outcome
Students will examine and analyze the historiography of the assigned historical subject.

Title
Historical research and writing

Tags
183539, 3

Learning Outcome
Students will improve their skills in historical research and writing.

HIST 598R - Special Readings in History

Course Information

Teaching Area (new)
HIST

Course Number
598R

Teaching Area
HIST

Course Title
Special Readings in History

Department
History

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Learning Outcomes

Title
Historical Knowledge

Tags
183540, 1

Learning Outcome
Students will increase their understanding of events, themes, and historical context relating to a specific historical subject as outlined in an individualized contract between student and instructor.

Title
Historiography

Tags
183541, 2

Learning Outcome
Students will examine and analyze the historiography of the assigned topic.

Title
Analysis of Secondary Sources

Tags
183542, 3

Learning Outcome
Students will improve their ability to read and analyze secondary sources.

HL 288 - Introduction to Healthcare Leadership

Course Information

Teaching Area (new)
MSB

Course Number
288

Teaching Area
HL

Course Title
Introduction to Healthcare Leadership

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the Healthcare Industry

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Learning Outcome
Apply function specialties to challenges specific to the healthcare industry

Title
Work in Teams

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Learning Outcome
Articulate the most important complexities of the healthcare industry

HL 289R - Healthcare Leadership Lecture Series

Course Information

Teaching Area (new)
MSB

Course Number
289R

Teaching Area
HL

Course Title
Healthcare Leadership Lecture Series

Course Description
Top executives share insights about the healthcare industry and related career opportunities.\n

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

HL 382 - Delivering Value in Healthcare

Course Information

Teaching Area (new)
MSB

Course Number
382

Teaching Area
HL

Course Title
Delivering Value in Healthcare

Course Description
This course expands on U.S. healthcare fundamentals, introducing value-based care and examining stakeholder roles in creating value. Designed for future healthcare leaders, it emphasizes improving services through effective collaboration and responsibility across the system.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:
- HL 288 - Introduction to Healthcare Leadership

Learning Outcomes

Title
Analyze the principles of Value-based Care

Learning Outcome
Analyze the principles of value-based care and evaluate how they differ from traditional healthcare delivery and payment models

Title
Evaluate Value

Learning Outcome
Explain and evaluate the creation of "value" in healthcare

Title
Analyze Different Sectors

Learning Outcome
Analyze the impact of different sectors in creating value (hospitals, physicians, technology, consumers, etc.)

HL 383 - Healthcare Law and Ethics

Course Information

Teaching Area (new)
MSB

Course Number
383

Teaching Area
HL

Course Title
Healthcare Law and Ethics

Course Description
Overview of U.S. healthcare law and ethics, addressing legal issues across providers, insurers, and related organizations. Topics include patients' rights, privacy, liability, confidentiality, licensing, healthcare reform, and other key legal aspects of the healthcare system.

Department
Business

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Completion Requirement.

Learning Outcomes

Title
Components of Healthcare Law

Tags
214099, 0, 1, 2023-08-29 11:07:43

Learning Outcome
Identify and analyze the principles of law and ethics in the U.S. healthcare legal system as applied in healthcare organizations.

Title
Analyze Layers of Healthcare Law

Tags
214100, 0, 2, 2023-08-29 11:07:46

Learning Outcome
Analyze and debate the multifaceted layers that comprise the U.S. healthcare legal system, including patients' rights, confidentiality, liability, etc.

Title
Compare and Contrast Legal System

Tags
214101, 0, 3, 2023-08-29 11:07:48

Learning Outcome
Compare and contrast the variable components pertaining to the U.S. healthcare legal system.

HL 384R - Global Opportunities in Healthcare Leadership

Course Information

Course Number
384R

Teaching Area
HL

Course Title
Global Opportunities in Healthcare Leadership

Course Description
This study abroad course introduces students to global challenges and opportunities in healthcare leadership, exploring hospitals, technology, pharmaceuticals, and insurance. It examines cross-cultural differences in policy, administration, and care delivery to prepare leaders for international healthcare contexts.

Department
Business

When Taught
Spring Term

Credit Hours

Fixed/Max:
3

Learning Outcomes

Title
Analyze Global Healthcare Systems

Learning Outcome
Analyze how healthcare systems and delivery models differ across global regions and evaluate their impact on cost, quality, and access to care.

Title
Compare and Contrast Trends

Learning Outcome
Compare and contrast emerging global healthcare trends and interpret their implications for future global healthcare policy.

Title
Identify Global Leadership Strategies

HL 385R - Healthcare Research Hub

Course Information

Teaching Area (new)
MSB

Course Number
385R

Teaching Area
HL

Course Title
Healthcare Research Hub

Course Description
Collaborate with faculty, students, and industry partners around the world on healthcare research. Generate knowledge on relevant healthcare industry topics based on rigorous academic research partnered with industry leaders.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Investigate Healthcare Problems with Data

Learning Outcome
Investigate current healthcare-related problems using real data.

Title
Compose Research

Learning Outcome
Compose healthcare-related research papers based on current healthcare industry dilemmas.

Title
Present Research

Learning Outcome
Present research using the information and data collected and research throughout the course.

HL 386 - Financing the Healthcare System

Course Information

Teaching Area (new)
MSB

Course Number
386

Teaching Area
HL

Course Title
Financing the Healthcare System

Course Description
Overview of healthcare financing, examining providers, payers, employers, individuals, and government. Topics include benchmarking, best practices, peer review, risk and performance improvement, measurement, utilization, case management, technology assessment, and decision support for future healthcare leaders.

Department
Business

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:

- HL 288 - Introduction to Healthcare Leadership

Learning Outcomes

Title
Health insurance knowledge

Tags
214102, 0, 1, 2023-08-29 11:07:50

Learning Outcome
Participate knowledgeably in an employer's health insurance decision.

Title
Policy challenges

Tags
214103, 0, 2, 2023-08-29 11:07:52

Learning Outcome
Articulate public policy challenges in healthcare from multiple perspectives.

Title
Policy evaluation

Tags
214104, 0, 3, 2023-08-29 11:07:54

Learning Outcome
Evaluate health policy proposals based on their merits and likely impact.

Title
Health insurance functional areas

Tags
214105, 0, 4, 2023-08-29 11:07:55

Learning Outcome
Identify major functional areas of health insurance and the management challenges associated with each.

Title
Policy statements

Tags
214106, 0, 5, 2023-08-29 11:07:57

Learning Outcome
Negotiate and draft policy statements.

HL 588 - Introduction to Healthcare Leadership

Course Information

Course Number
588

Teaching Area
HL

Course Title
Introduction to Healthcare Leadership

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare.

Department
Business

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Understand the Healthcare Industry

Tags
214110, 0, 1, 2023-08-29 11:08:12

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214111, 0, 2, 2023-08-29 11:08:14

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214112, 0, 3, 2023-08-29 11:08:15

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214113, 0, 4, 2023-08-29 11:08:16

Learning Outcome
Articulate the most important complexities of the healthcare industry

HL 589R - Healthcare Leadership Lecture Series

Course Information

Teaching Area (new)
MSB

Course Number
589R

Teaching Area
HL

Course Title
Healthcare Leadership Lecture Series

Course Description
Top executives share insights about the healthcare industry and related career opportunities.

Department
Business

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Healthcare Delivery

Learning Outcome
Evaluate effectiveness of healthcare delivery

Title
Practical Skills

Learning Outcome
Effectively apply practical skills learned from leading healthcare executives in both personal and professional interactions

Title
Healthcare Opportunities

Learning Outcome
Compare and contrasts the various fields/opportunities within the healthcare industry

Title
Networking

Learning Outcome
Productively create and/or enhance professional network with healthcare leaders

HL 599R - Healthcare Internship

Course Information

Teaching Area (new)
MSB

Course Number
599R

Teaching Area
HL

Course Title
Healthcare Internship

Course Description
Provide students with real-world experience in local hospitals to prepare for careers in healthcare management.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Healthcare Career Oportunities

Learning Outcome
Explore and obtain information on healthcare career opportunities

Title
Theory in Healthcare Courses

Learning Outcome
Expand upon the theory and concepts taught in healthcare leadership courses

Title
Networking

Learning Outcome
Network with professionals and identify possible mentors

Title
Enrich future course work

Learning Outcome
Return with experiences that will enrich future course work

HLTH 100 - Introduction to Public Health

Course Information

Teaching Area (new)
HLTH

Course Number
100

Teaching Area
HLTH

Course Title
Introduction to Public Health

Course Description
Provides an overview of the field of public health. Introduces core disciplines and systems, explores career and graduate education pathways, and emphasizes professionalism, ethics, and service. Students also reflect on how public health principles connect with personal values, faith, and areas of interest.

Department
Public Health

When Taught
Fall, Winter, and Spring

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Define public health

Tags
206917, 1

Learning Outcome
Students will be able to define public health in terms of its functions, systems, essential services and value.

Title
History of public health

Tags
206918, 2

Learning Outcome
Students will be able to identify prominent events in the history of public health

Title
Ethical public health

Tags
206919, 3

Learning Outcome
Students will be able to describe the 12 principles of ethical public health practice.

Title
Public health system

Tags
206920, 4

Learning Outcome
Students will be able to describe the entities that contribute to the public health system.

Title
Public health services

Tags
206921, 5

Learning Outcome
Students will be able to articulate the 10 essential public health services.

Title
Public health disciplines

Tags
206922, 6

Learning Outcome
Students will be able to describe each of the public health disciplines: environmental/occupational health, epidemiology and health promotion.

Title
Public health careers

Tags
206923, 7

Learning Outcome
Students will understand the public health careers available, including opportunities for graduate education.

Title
Scientific articles

Tags
206924, 8

Learning Outcome
Students will understand the basic components of a scientific article.

Title
Scientific writing

Tags
206925, 9

Learning Outcome
Students will be able to effectively communicate scientific ideas in writing including appropriate citations and reference styles.

HLTH 101 - Health and the Human Body

Course Information

Course Number
101

Teaching Area
HLTH

Course Title
Health and the Human Body

Course Description
The course presents a holistic view of human health at the individual and population levels, including common functions and problems through a body-systems approach.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Human Health

Learning Outcome
Students will be able to describe practical aspects of human health from and individual and population level.

Title
Disease

Learning Outcome
Students will be able to discuss the principal diseases, injuries, and conditions that affect mankind across the lifetime, including how they are acquired, develop, alleviated, controlled, and prevented.

Title
Body Systems

Learning Outcome
Students will be able to identify and describe the organs and systems of the body, including location and function, as they related to common public health problems.

Title
Coping

Learning Outcome
Students will be able to describe how the body and mind cope with physical, biological, and life changes (e.g. healing, immune response, trauma, etc.)

Title
Stigma

Learning Outcome
Students will be able to analyze stigmas and cultural barriers common in human health.

Title
The Soul

Learning Outcome
Students will be able to describe the relationship between physical health and spiritual health in terms of the human soul (D&C 88:15) and the mission of public health; including stewardship for one's soul and responsibility toward others.

HLTH 196R - Public Health Practicum

Course Information

Course Number
196R

Teaching Area
HLTH

Course Title
Public Health Practicum

Course Description
Applied off-campus public health experience, which may include domestic or international agency work or shadowing. Typically completed early in a student's academic career, this practicum offers exposure to real-world public health practice that bridges classroom learning with practical applications. This course is not intended for public health internships (see HLTH 496R), mentored research (see HLTH 491R), campus-based engagement (see HLTH 396R), or study abroad / global health experiences (see HLTH 199R)..

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Learning Outcomes

Title
Exposure

Learning Outcome
Students will gain understanding and appreciation for the practical aspects of public health.

Title
Networking

Learning Outcome
Students will build relationships with public health or interdisciplinary professionals and the communities they serve.

Title
Service

Learning Outcome
Students will serve diverse populations and gain insight by participating in real-world public health endeavors.

HLTH 199R - Global Health Experiences

Course Information

Course Number
199R

Teaching Area
HLTH

Course Title
Global Health Experiences

Course Description
An applied global health experience including domestic and international agency work or shadowing. Does NOT included mentored research.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Max:
6

Learning Outcomes

Title
Apply Concepts

Tags
213896, 0, 1, 2023-08-29 09:30:15

Learning Outcome
Apply public health concepts to agency work in domestic or international settings.

Title
Writing

Tags
213897, 0, 2, 2023-08-29 09:30:16

Learning Outcome
Demonstrate proficient writing skills by producing a summary paper at the conclusion of the applied experience.

Title
Team Member

Tags
213898, 0, 3, 2023-08-29 09:30:18

Learning Outcome
Function as a collaborative team member while participating in the applied experience.

HLTH 201 - Contemporary Issues for Student Athletes

Course Information

Teaching Area (new)
HLTH

Course Number
201

Teaching Area
HLTH

Course Title
Contemporary Issues for Student Athletes

Course Description
Eligibility issues for intercollegiate student athletes. Skills relating to academic performance and career selection.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Serving the community

Tags
203320, 4

Learning Outcome
Experience the positive benefits of serving in the community.

Title
Sport psychology

Tags
203340, 2

Learning Outcome
Learn the basic principles and skills of sport psychology that will enhance performance.

Title
Orientation

Tags
203345, 0

Learning Outcome
Orient new freshman student-athletes to BYU and the resources available for them in the Student Athlete Academic Center.

Title
Sport nutrition

Tags
203346, 3

Learning Outcome
Gain a better understanding of sports nutrition and its impact on performance.

Title
Basic life skills

Tags
203383, 1

Learning Outcome
Learn basics life skills that will enhance the BYU experience of each student-athlete and prepare them for life after college.

HLTH 312 - Introduction to Planning, Interventions, and Evaluation

Course Information

Teaching Area (new)
HLTH

Course Number
312

Teaching Area
HLTH

Course Title
Introduction to Planning, Interventions, and Evaluation

Course Description
Introduction to the public health intervention planning process; Includes health assessment, types of commonly used interventions, defining goals and objectives, and basic types of evaluation

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major only. HLTH 210 may be taken prior to or concurrently with HLTH 312 and HLTH 316.

Learning Outcomes

Title
Program goals

Tags
208381, 0, 4

Learning Outcome
Students will be able to write program goals and objectives that are clear, specific, measurable, achievable, relevant, time bound (SMART).

Title
Program planning model

Tags
208379, 0, 1

Learning Outcome
Students will be able to apply the generalized program planning model to public health practice.

Title
Community assessment

Tags
208382, 0, 2

Learning Outcome
Students will be able to create a plan for community assessment and implement it using appropriate data sources.

Title
Priority Setting and Root Cause Analysis

Tags
209895, 0, 3

Learning Outcome
Students will be able to apply appropriate tools for identifying priority health issues and their root causes.

Title
Interventions

Tags
208383, 0, 5

Learning Outcome
Students will be able to identify evidence-based or promising public health interventions.

Title
Logic models

Tags
208384, 0, 6

Learning Outcome
Students will be able to develop logic models for public health interventions and evaluation.

Title
Evaluation

Tags
208385, 0, 7

Learning Outcome
Students will be able to differentiate between different types of program evaluation and study designs.

HLTH 313 - Introduction to Data Collection and Analysis

Course Information

Teaching Area (new)
HLTH

Course Number
313

Teaching Area
HLTH

Course Title
Introduction to Data Collection and Analysis

Course Description
Introduction to methods of collecting data in public health, identifying appropriate study designs and statistical analyses for specific public health research questions. \n

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Data Sources and Uses

Tags
203504, 2

Learning Outcome
Students will distinguish between qualitative and quantitative data sources and uses.

Title
Data Collection

Tags
203505, 3

Learning Outcome
Students will explain the basic principles of qualitative and quantitative data collection and contrast various data collection methods.

Title
Analytic Procedures

Tags
203506, 4

Learning Outcome
Students will describe basic analytic procedures for qualitative and quantitative data sources.

Title
Data Visualization

Tags
203507, 5

Learning Outcome
Students will present data analysis results in text and graphically using principles of data visualization.

Title
Environmental and Spatial Data

Tags
203508, 6

Learning Outcome
Students will describe basic characteristics of environmental and spatial data, including collection and analysis considerations.

Title
Human Subjects Research

Tags
203509, 1

Learning Outcome
Students will describe the principles of human subjects research and the purpose of the IRB.

HLTH 314 - Health, Disease and Their Determinants, Part 1

Course Information

Teaching Area (new)
HLTH

Course Number
314

Teaching Area
HLTH

Course Title
Health, Disease and Their Determinants, Part 1

Course Description
An introduction to human health, disease, mental health, and injury and how biological, behavioral, socio-economic, and environmental factors impact health and contribute to health disparities, discussed from a population-wide approach integrating social and behavioral models and theories, descriptive epidemiology, and disease pathophysiology.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
HLTH 210

Learning Outcomes

Title
Multifaceted nature of health

Tags
206979, 1

Learning Outcome
Discuss and examine the multifaceted nature of health as influenced by biological, behavioral, socio-economic, and environmental determinants of health and disease, and the roles of gender, race, ethnicity, poverty, and other evolving demographics on population health.

Title
Health behaviors

Tags
206980, 2

Learning Outcome
Describe models and theories that explain and predict health behaviors, including those from the intrapersonal, interpersonal, and community/ ecological domains.

Title
Indicators of health

Tags
206981, 3

Learning Outcome
Identify and examine trends, factors, and key indicators of health and the leading causes of morbidity and mortality through a life course perspective.

Title
Health threats

Tags
206982, 4

Learning Outcome
Discuss the origin, transmission mechanisms, and dynamics of persistent, emerging, and re-emerging health threats, from the perspective of interactions among host, agents, and environment.

Title
Determinants health and wellness

Tags
206983, 5

Learning Outcome
Analyze the fundamental pathophysiological mechanisms, modesof disease transmission, and the physiological and cognitive processes that determine health and wellness and how these can be altered by disease.

HLTH 315 - Health, Disease and Their Determinants, Part 2

Course Information

Teaching Area (new)
HLTH

Course Number
315

Teaching Area
HLTH

Course Title
Health, Disease and Their Determinants, Part 2

Course Description
Persistent, emerging, and re-emerging population health problems and how evidence-based prevention and control strategies are applied in public health settings. Aims to expand on students' cumulative understanding of the descriptive epidemiology and pathophysiology of disease, injury, and mental health learned in HLTH 314. Origins of health disparities, and how social and behavioral sciences can contribute to providing effective intervention strategies. \n\n

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

OR

Prerequisites

Complete ALL of the following Courses:

- HLTH 314 - Health, Disease and Their Determinants, Part 1

Recommended

HLTH 210

Learning Outcomes

Title
Health threats

Tags
206996, 1

Learning Outcome
Discuss recent developments in emerging/re-emerging health threats within the context of prevention and control strategies.

Title
Health behavior and health behavior change

Tags
206997, 2

Learning Outcome
Explain how individual health behavior and health behavior change are influenced by policy, environmental engineering, communication strategies, educational interventions, health counseling, community mobilization, and access to services.

Title
Health Promotion

Tags
206998, 3

Learning Outcome
Discuss how public health promotes health and reduces the risk for diseases,injuries,health inequities, mental health problems, and adverse environmental exposures.

Title
Health behavior change theories

Tags
206999, 4

Learning Outcome
Understand and apply selected health behavior change theories to prevent disease at the individual, family, and community levels.

Title
Scientific literature

Tags
207000, 5

Learning Outcome
Interpret scientific literature relative to a specific disease, its risk factors, control strategies, and associated policies.

Title
Social and behavioral sciences

Tags
207001, 6

Learning Outcome
Discuss how social and behavioral sciences (psychology, anthropology, sociology, and economics) are applied to improve health outcomes.

HLTH 316 - Influencing Health through Health Systems and Policy

Course Information

Teaching Area (new)
HLTH

Course Number
316

Teaching Area
HLTH

Course Title
Influencing Health through Health Systems and Policy

Course Description
Health policy and systems from a global perspective. Emphasis on policy analysis and the political dimensions of health policymaking.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
HLTH 210 may be taken prior to or concurrently with HLTH 312 and HLTH 316.

Recommended
Hlth 314, Hlth 315

Learning Outcomes

Title
Policies, systems, and health services

Tags
206931, 1

Learning Outcome
Students will be able to describe how policies, systems, and health services affect the populations in a community

Title
Key terms, conceptual frameworks, and theories

Tags
206932, 0, 2

Learning Outcome
Students will be able to apply key terms, conceptual frameworks, and theories that relate to ways in which policies and systems are used to respond to public health problems.

Title
Stakeholders

Learning Outcome
Students will be able to compare and contrast the structures, functions, and aims of various stakeholders involved in the design and implementation of policy and system responses to public health problems

Title
Strategies

Learning Outcome
Students will be able combine various processes and methods to create strategies for influencing policy (including regulatory, legislative, and organizational) and systems change.

Title
Communicate

Learning Outcome
Students will be able to analyze policy options and construct policy memos to effectively communicate evidence-based recommendations to decision-makers in various contexts.

Title
Perspectives

Learning Outcome
Students will be able to challenge their own and others' preconceived ideas and assumptions to appreciate multiple perspectives regarding critical public health policy and systems debates.

Title
Teams

Learning Outcome
Students will be able to contribute to a high-functioning team and continually improve team performance to synthesize and present key health systems and policy ideas through course assignments

HLTH 320 - Advanced First Aid and Safety

Course Information

Teaching Area (new)
HLTH

Course Number
320

Teaching Area
HLTH

Course Title
Advanced First Aid and Safety

Course Description
In-depth coverage of first aid procedures for injuries and sudden illness. Leads to first aid and CPR certifications.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
CPR, AED, Bandaging, and Splinting

Tags
203135, 1

Learning Outcome
Demonstrate the skills involving cardiopulmonary rescuitation (CPR), automated external defibrillation (AED), bandaging, and splinting.

Title
Importance of First Aid

Tags
203136, 2

Learning Outcome
Identify the importance of first aid and emergency care

Title
Emergency Decisions

Tags
203137, 4

Learning Outcome
Identify the decisions involved during an emergency.

Title
First Aid and Emergency Care Procedures

Tags
203138, 5

Learning Outcome
Describe proper first aid and emergency care procedures for specific emergency problems.

Title
Emergency Problems

Tags
203319, 2

Learning Outcome
Recognize specific emergency problems (i.e., heart attack, fracture, open wound, burn insect sting) through their signs and symptoms.

HLTH 322 - Environmental Health

Course Information

Teaching Area (new)
HLTH

Course Number
322

Teaching Area
HLTH

Course Title
Environmental Health

Course Description
Overview of environmental factors that affect human health. Major topics include stewardship; population dynamics and impacts; ecosystems and ecosystem management; biological, chemical, and physical hazards in outdoor, indoor, and workplace environments; and risk assessment. Connections to the gospel are made and encouraged.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
HIth 100.

Learning Outcomes

Title
Environmental Health Issues

Tags
203139, 1

Learning Outcome
Students will be able to apply methods to understand and analyze major environmental health issues orally and in writing.

Title
Solutions

Tags
203140, 2

Learning Outcome
Students will be able to recommend potential solutions to major environmental health issues orally and in writing.

Title
Action

Tags
203142, 5

Learning Outcome
Students will be able to take action to improve environmental health locally

HLTH 324 - Occupational Health and Safety

Course Information

Teaching Area (new)
HLTH

Course Number
324

Teaching Area
HLTH

Course Title
Occupational Health and Safety

Course Description
In-depth focus on workplace health and safety through a multidisciplinary approach to the anticipation, recognition, evaluation, and prevention and control of workplace-related illnesses and injuries.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Chem 105 and Math 110 or equivalent

Learning Outcomes

Title
OSHA

Learning Outcome
Students will be able to describe the purpose and scope of the Occupational Health and Safety Act as well as other relevant safety and health legislation and consensus standards.

Title
Violations

Learning Outcome
Students will be able to demonstrate competency in using the OSHA standards by identifying specific violations of current standards.

Title
Management

Learning Outcome
Students will be able to explain how the functions of management are utilized to assure safe conditions and practices through the development of specific programs as well as an overall safety and health program.

Title
Equipment Hazards

Learning Outcome
Students will be able to identify, evaluate, and develop loss control strategies to address the hazards associated with operating common manufacturing and construction equipment and process.

Title
Accident Investigation

Learning Outcome
Students will be able to discuss and demonstrate the elements involved in completing an accident investigation.

HLTH 330 - Principles and Practices of Health Promotion

Course Information

Teaching Area (new)
HLTH

Course Number
330

Teaching Area
HLTH

Course Title
Principles and Practices of Health Promotion

Course Description
Introduction to the health promotion profession, emphasizing current issues, professional preparation and employment, as well as the philosophy and foundations of professional practice in various settings.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
HIth 100

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/HLTH-330-M001.

Learning Outcomes

Title
Effective Communication

Tags
203235, 6

Learning Outcome
Identify techniques for enhancing communication in interactions with clients in health promotion settings.

Title
Health Promotion Solutions

Tags
203236, 7

Learning Outcome
Propose health promotion solutions to address health problems among various populations.

Title
Health Promotion Resources and Organizations

Tags
203334, 2

Learning Outcome
Identify organizations, resources, and professional journals associated with health promotion.

Title
Professional Opportunities

Tags
203341, 1

Learning Outcome
Identify professional opportunities available to health education/health promotion specialists in community, school, worksite, and health care settings.

Title
Health Specialist Roles and Responsibilities

Tags
203344, 1

Learning Outcome
Identify the roles and responsibilities for health education/health promotion specialists and opportunities for certifications and advanced study.

Title
Diverse Populations Health Promotion

Tags
203349, 4

Learning Outcome
Demonstrate awareness and sensitivity of the diverse and unique needs of various age group populations and cultural groups for health promotion.

Title
Health Promotion Overview

Tags
203394, 3

Learning Outcome
Provide an overview of theories, models, and initiatives used to guide decision-making in the planning and implementation of health promotion programs and health behavior change.

HLTH 332 - Technology in Health Promotion

Course Information

Teaching Area (new)
HLTH

Course Number
332

Teaching Area
HLTH

Course Title
Technology in Health Promotion

Course Description
Application of computer software and electronic communication technologies in health promotion.

Department
Public Health

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HLTH 335 - Health Behavior Change

Course Information

Teaching Area (new)
HLTH

Course Number
335

Teaching Area
HLTH

Course Title
Health Behavior Change

Course Description
Understanding health behavior change theories for individuals and populations. Practical application of related models and theories.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hlth 330.

Learning Outcomes

Title
Socio-Behavioral Theories and Models

Tags
203498, 1

Learning Outcome

Students will understand and be able to use the prominent models and theories that are used in public health to predict and to understand human behavior.

Title
Prominent Theoretical Features and Constructs for Informing Practice

Tags
203499, 2

Learning Outcome

Students will be able to design interventions based upon health behavior theories and models.

HLTH 345 - Principles of Epidemiology

Course Information

Teaching Area (new)
HLTH

Course Number
345

Teaching Area
HLTH

Course Title
Principles of Epidemiology

Course Description
Applying analytical tools to study acute and chronic disease to facilitate investigation and control of epidemics.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 313 - Introduction to Data Collection and Analysis

Recommended
Stat 121

Learning Outcomes

Title
Theories of Disease Causation

Tags
203455, 1

Learning Outcome
Students will describe the theories of disease causation and apply these models to a variety of health conditions.

Title
Study Designs

Tags
203456, 2

Learning Outcome
Students will describe the major epidemiology study designs, their strengths and weaknesses and demonstrate understanding of conditions under which each study design is preferred. Students will apply this knowledge to a variety of health conditions.

Title
Measures of Disease Frequency

Tags
203457, 3

Learning Outcome
Students will define "measures of disease frequency" and identify common measures in epidemiology (incidence, prevalence & other health indicators). Students will demonstrate when each measure is appropriate, identify the correct equation, calculate and interpret the results

Title
Disease Distribution

Tags
203458, 4

Learning Outcome
Students will use measures of disease frequency to describe the pattern and distribution of disease.

Title
Measures of Association

Tags
203459, 5

Learning Outcome
Students will define "measures of association" and describe their purpose. Students will identify the most common measures of association (relative & absolute) in epidemiology, explain when each measure is appropriate, identify their formulas, calculate and interpret the results of each measure.

Title
Threats to Study Validity

Tags
203460, 6

Learning Outcome
Students will identify and define "Threats to Study Validity" (random error, bias, confounding, etc.). Students will evaluate epidemiologic research (conceptually and using basic analysis) for possible threats to study validity. Students will describe and perform strategies for testing and controlling for threats to study validity.

HLTH 381 - School Health Education Methods and Curriculum A

Course Information

Teaching Area (new)
HLTH

Course Number
381

Teaching Area
HLTH

Course Title
School Health Education Methods and Curriculum A

Course Description
Part A of methods and curriculum preparation; effective implementation of instruction related to substance abuse prevention, safety and injury prevention, and reproductive health for secondary students; unit and lesson planning, assessment of learner performance; practice teaching.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Best Methods

Tags
203144, 5

Learning Outcome
Evaluate possible teaching methods and select the best method(s) to use when teaching specific health content areas.

Title
Teacher Work Sample Applications

Tags
203145, 6

Learning Outcome
Apply a systematic instructional design process to lesson planning that utilizes Teacher Work Sample steps and provides sufficient detail and clarity for other educators to teach the lesson plan as designed and intended.

Title
Instructional Strategies

Tags
203337, 3

Learning Outcome
Identify and experiment with a variety of instructional strategies and teaching methods to enhance health teaching including those that emphasize active learning and skill development.

Title
Teaching Resources and Standards

Tags
203379, 0

Learning Outcome
Identify and apply teaching resources, national and state standards, and state frameworks for teaching health education.

Title
Risks, Concerns and Challenges

Tags
203382, 2

Learning Outcome
Identify health risks, concerns, and challenges confronting school-age youth and develop teaching materials for helping strategies.

Title
Classroom Environments

Tags
203393, 1

Learning Outcome
Identify and apply strategies for creating classroom environments conducive to optimal learning and emotional well-being.

HLTH 382 - School Health Education Methods and Curriculum B

Course Information

Teaching Area (new)
HLTH

Course Number
382

Teaching Area
HLTH

Course Title
School Health Education Methods and Curriculum B

Course Description
Part B of methods and curriculum preparation; effective implementation of instruction related to mental and emotional health, nutrition and fitness, and disease prevention for secondary students; unit and lesson planning, assessment of learner performance; practice teaching.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- PETE 276R - Exploration of Teaching
- BIO 276 - Exploration of Teaching in Biological Sciences
- SFL 276R - Exploration of Teaching: Family and Consumer Sciences

Other Prerequisites
Students must complete the 276 Exploration of Teaching Course for their teaching MAJOR. Students in teaching majors not listed should contact the instructor for an add code.

Learning Outcomes

Title
Curriculum Planning

Tags
203147, 1

Learning Outcome
Students will be able to create a semester outline, unit maps, and lesson plans for a secondary school health education course based upon National School Health Education Standards and the Utah State Office of Education Core Curriculum.

Title
Effective Practices

Tags
203148, 2

Learning Outcome
Students will be able to demonstrate effective characteristics of health education.

Title
Professionalism

Tags
203149, 3

Learning Outcome
Students will be able to demonstrate professionalism in conduct, character, collaboration, and attitude.

Title
Practicum

Tags
203150, 4

Learning Outcome
Students will be able to qualify for student teaching field experience by completing a practicum and Teacher Work Sample, passing the Praxis exam, and successfully completing a student teaching application.

HLTH 383 - Mind/Body Health

Course Information

Teaching Area (new)
HLTH

Course Number
383

Teaching Area
HLTH

Course Title
Mind/Body Health

Course Description
Theories and research on the effect of emotions and attitudes on health: how negative emotions increase disease susceptibility and positive emotions encourage immune strength, health, and healing. Behavioral medicine and complementary and alternative health practices also presented.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Contributing Influences

Tags
203390, 1

Learning Outcome
Identify and evaluate the behavioral, social, and cultural thought processes that contribute to disease.(Learning activities: lecture, class discussion, research study reviews, exams)

Title
Mental Processes and Disease Development

Tags
203429, 1

Learning Outcome
Identify and understand the connection between mental processes/beliefs and how they contribute to chronic and infectious disease.
(Learning activities: lecture, class discussion, group presentations, videos)

HLTH 391R - Mentored Teaching in Public Health

Course Information

Course Number
391R

Teaching Area
HLTH

Course Title
Mentored Teaching in Public Health

Course Description
Collaborate with professors in teaching public health courses.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Learning Outcomes

Title
Teaching Skills

Learning Outcome
Students will develop skills in student-centered, faith-based classroom teaching through activities such as pre-class preparation, classroom instruction, curriculum design and development, assignment and assessment grading, student interactions and relationship building, communication, record-keeping, and other aspects of teaching.

Title
Content Mastery

Learning Outcome
Students will master course content and skills by assisting the professor in helping students learn.

Title
Christlike Attributes

Learning Outcome
Students will cultivate Christ-like attributes as a teacher, such as charity, virtue, integrity, knowledge, patience, humility, and diligence.

HLTH 396R - Campus Engagement

Course Information

Course Number
396R

Teaching Area
HLTH

Course Title
Campus Engagement

Course Description
Students will participate in public health-focused or public-health related engagements, such service learning, academic competitions, or leadership roles on campus.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
An APPROVED applied experiences application is required before adding the course.

Learning Outcomes

Title
Application in Professional Settings

Learning Outcome
Students will be able to apply public health concepts in professional settings.

Title
Writing

Learning Outcome
Students will be able to write effectively for the public health profession.

Title
Collaboration & Leadership

Learning Outcome
Students will be able to function as collaborative team members by demonstrating communication, problem-solving, teamwork, or leadership skills.

HLTH 403R - Special Topics

Course Information

Teaching Area (new)
HLTH

Course Number
403R

Teaching Area
HLTH

Course Title
Special Topics

Department
Public Health

When Taught
Fall, Winter, Summer

Credit Hours

Min:
0.5

Fixed/Max:
5

Learning Outcomes

Title
Explore Public Health

Tags
203418, 1

Learning Outcome
Reflect a focused analysis of readings and conduct applied projects for a special readings topic important to public health.

Title
Explore Public Health

Tags
203360, 0

Learning Outcome
Reflect a focused analysis of readings and conduct applied projects for a special readings topic important to public health.

HLTH 413 - Refugee and Migrant Health

Course Information

Teaching Area (new)
HLTH

Course Number
413

Teaching Area
HLTH

Course Title
Refugee and Migrant Health

Course Description
Various types of refugees and internally displaced persons (IDPs) evolving from conflict, natural disaster, or trafficking situations. Emphasizing emergency response, along with political, cultural, social, and organizational aspects of health and disease prevention and control, in addition to the challenges and potential solutions of resettlement.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Refugee and Migrant Health

Tags
203409, 1

Learning Outcome
Students will demonstrate knowledge of refugee and migrant health.

HLTH 416 - Applied Clinical Data Systems in Public Health

Course Information

Course Number
416

Teaching Area
HLTH

Course Title
Applied Clinical Data Systems in Public Health

Course Description
This course introduces students to the varied types and usage of clinically acquired data in public health. Students will use statistical programming to analyze clinically acquired data.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- HLTH 313 - Introduction to Data Collection and Analysis

Learning Outcomes

Title
Clinical Data Sources

Learning Outcome
Students will be able to explain how data are collected and transferred through US healthcare systems, and how those data can be ethically used to inform and improve public health.

Title
Data uses

Learning Outcome
Students will be able to describe the limitations, promises, and complexities inherent in clinically-reported data

Title
Analyze Clinical Data

Learning Outcome
Students will be able to analyze clinical data to assess population health by using statistical programming and methods, incorporating data visualization and interpreting data for public health stakeholders.

HLTH 420 - Injury and Violence Prevention

Course Information

Teaching Area (new)
HLTH

Course Number
420

Teaching Area
HLTH

Course Title
Injury and Violence Prevention

Course Description
Concepts and interventions related to both unintentional injuries and violence.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 100 - Introduction to Public Health

Learning Outcomes

Title
Injury Prevention

Tags
203151, 2

Learning Outcome
Define the terms used in the injury prevention field.

Title
Injury Analysis and Intervention

Tags
203152, 3

Learning Outcome
Describe the models used to analyze injuries and determine interventions.

Title
Injury Prevention Information Sources

Tags
203153, 4

Learning Outcome
Select valid sources of injury prevention information.

Title
Prevention Intervention Selection and Recommendation

Tags
203154, 5

Learning Outcome
Select and recommend proven and effective injury prevention interventions.

Title
Injury Impact

Tags
203335, 1

Learning Outcome
Describe the impact of injures on health and on society in terms of mortality, morbidity, disability, and cost.

HLTH 422 - Disaster Response and Emergency Preparedness

Course Information

Teaching Area (new)
HLTH

Course Number
422

Teaching Area
HLTH

Course Title
Disaster Response and Emergency Preparedness

Course Description
Key elements of public health preparedness and response to the variety of natural, technological, and man-made disasters occurring routinely on a global basis.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Hlth 311, 420.

Learning Outcomes

Title
Hazards

Tags
203413, 1

Learning Outcome
Identify the major types of natural and manmade disasters, and describe how they affect public health, government and non-government roles in disaster situations, and how current laws governing emergency management have evolved in response to disaster events.

Title
Assessment

Tags
203414, 2

Learning Outcome
Be able to use risk assessment tools to identify organizational priorities for public health preparedness, response, and recovery activities.

Title
Management

Tags
203415, 3

Learning Outcome
Describe the emergency management cycle, leadership theories governing emergency management, and the incident command model used in emergency response operations.

Title
Communication

Tags
203416, 4

Learning Outcome
Communicate effectively, both orally and in writing, in the terminology of the emergency management discipline, and demonstrate ability to collaborate in a team setting to solve problems related to public health emergency management and disaster response.

HLTH 425 - Working with Vulnerable and Diverse Populations

Course Information

Teaching Area (new)
HLTH

Course Number
425

Teaching Area
HLTH

Course Title
Working with Vulnerable and Diverse Populations

Course Description
Developing skills and building competency in working effectively with vulnerable and diverse populations in domestic settings. Emphasis on cultural competency and cross-cultural communication skills, and their application in the variety of settings where health care and public health professionals work.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MSB 288, ACC 588, MBA 588, IS 588, or MSB 588; A suggested pre-requisite exists for MSB students (MSB 288/MSB588) and does not apply to PH students

Learning Outcomes

Title
Personal Culture

Learning Outcome
Reflect on how one's own heritage, beliefs, and values affect culturally congruent public health and healthcare practices.

Title
Health Disparities

Learning Outcome
Identify historical events and societal perceptions underlying health disparities for diverse populations.

Title
Health Issues

Learning Outcome
Describe the major health issues, barriers, and facilitators affecting marginalized populations and explain how gospel-centered principles can inform compassionate public health responses.

Title
Systemic Influences

Learning Outcome
Analyze how culture, built environment, institutional practices, and policy impact equitable health services for vulnerable populations.

Title
Christlike Attributes

Learning Outcome
Develop Christlike attributes and effective communication skills for serving diverse individuals and groups.

HLTH 426 - Environmental Toxicology

Course Information

Teaching Area (new)
HLTH

Course Number
426

Teaching Area
HLTH

Course Title
Environmental Toxicology

Course Description
This course is designed for students who are interested in public health and environmental issues. Toxicology is a multidisciplinary experimental science that combines chemistry, biology, and physiology to determine whether substances we are exposed to in the environment are likely to harm our health. Students will learn how toxicology is used to understand how humans respond to chemicals in the environment. In addition, students will learn how toxicology is applied to protect human health through risk assessment.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Chem 106, 107

Learning Outcomes

Title
Chemical Agents

Learning Outcome
Identify chemical properties and the biological processes which modulate the toxicokinetics of chemical agents of public health importance.

Title
Reactions

Learning Outcome
Explain the significance of biotransformation reactions as a determinant of the toxicokinetic and toxicodynamic activities of chemicals.

Title
Response to Chemical Agents

Learning Outcome
Describe molecular, cellular and pathophysiological responses resulting from exposure to chemical agents relevant to human health

Title
Susceptibility

Learning Outcome
Identify underlying susceptibility factors which contribute to the ability of chemicals to elicit bioeffects which contribute to human disease

Title
Chemical Testing

Learning Outcome
Explain the science underlying testing for the ability of chemicals to elicit adverse human health effects

Title
Risk Assessment

Learning Outcome
Put into perspective the role of toxicology in the risk assessment process

HLTH 428 - Occupational Exposure Assessment Lab

Course Information

Teaching Area (new)
HLTH

Course Number
428

Teaching Area
HLTH

Course Title
Occupational Exposure Assessment Lab

Course Description
Theory and application of occupational sampling methods that are used to evaluate chemical, biological, and physical exposures in the workplace. Focus on the quantitative and qualitative methods used to evaluate occupational exposures to suspended particulates, gaseous contaminants, noise and other physical agents, and biological agents; interpretation of sampling results; identification of appropriate control strategies to prevent hazardous exposures; and exposure assessment communication.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 322 - Environmental Health
  AND HLTH 324 - Occupational Health and Safety

Recommended
Chem 105 and Math 110 or equivalent

Learning Outcomes

Title
Sampling and Exposure

Tags
203410, 1

Learning Outcome
Students will improve their ability to solve problems using sampling and exposure assess lab.

HLTH 429 - Air Quality Assessment Lab

Course Information

Teaching Area (new)
HLTH

Course Number
429

Teaching Area
HLTH

Course Title
Air Quality Assessment Lab

Course Description
This course provides lab-based instruction to students on the technical aspects of conducting air quality exposure assessments. This course covers theory and application of sampling methods used to evaluate chemical, biological, and physical exposures; interpretation of sampling results; and identification of appropriate control strategies to prevent hazardous exposures.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ANY of the following Courses:

- HLTH 322 - Environmental Health
  AND HLTH 324 - Occupational Health and Safety
- GEOL 111 - Physical Geology
- PHSCS 137 - Energy, Climate, and the Environment
- PWS 150 - Environmental Biology
- GEOL 101 - Introduction to Geology
- CCE 102 - Sustainable Infrastructure

Recommended
Chem 105; Math 110, HLTH 428

Learning Outcomes

Title
Pollutants

Learning Outcome
Students will be able to describe particle and gas-phase pollutants in air that can adversely affect human health

Title
Health Guidelines

Learning Outcome
Students will be able to understand and interpret health guidelines related to air quality

Title
Exposure Assessments

Learning Outcome
Students will be able to conduct exposure assessments to evaluate indoor and outdoor pollution levels and biological contaminants

Title
Instruments

Learning Outcome
Students will be able to calibrate, maintain, and operate instruments used to evaluate air quality

Title
Control of Pollutants

Learning Outcome
Students will be able to identify strategies to control biological, chemical, and particulate pollutants in indoor and outdoor air.

Title
Teamwork

Learning Outcome
Students will be able to solve exposure-related problems by collaborating with others in a team setting.

Title
Communication

Learning Outcome
Students will be able to communicate scientific ideas effectively using both oral and written formats in the terminology of the Environmental Health discipline

HLTH 431 - Health Communication and Advocacy

Course Information

Teaching Area (new)
HLTH

Course Number
431

Teaching Area
HLTH

Course Title
Health Communication and Advocacy

Course Description
This course will study applied health communication strategies that inform individual and community decision-making aimed at enhancing health. It also embeds the role of advocacy by incorporating social networking and mobilization, interpersonal communication and negotiation, as well as the use of earned media and social platforms for generating public discourse.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 312 - Introduction to Planning, Interventions, and Evaluation
  AND HLTH 316 - Influencing Health through Health Systems and Policy

Other Prerequisites
HLTH 100, HLTH 210. Majors only.

Learning Outcomes

Title
1. Communication skill development involving peer feedback

Tags
207163, 1

Learning Outcome
Enhance professional writing skills for audiences relevant to public health by learning new tools and communication strategies (interpersonal communication, mass media, new media, and team-building skills with linguistic and cultural proficiency), and by listening, reflection and data gathering, and both receiving and providing peer feedback.

Title
2. Promote appropriate communication

Tags
207164, 2

Learning Outcome
Select communication approaches for disseminating public health data and information, including social media, technology, modern mass media and community gatherings, to influence stakeholders, policy makers and their constituents on issues of public health importance.

Title
3. Audience sensitivity and Discipleship

Tags
207165, 3

Learning Outcome
Reflect personal interests and professional plans to be sensitive to the views of others, especially audiences most affected by a problem, by learning how people think, feel and act as a result of a communicated product or experience.

Title
4. Advocate for policy or environmental change

Tags
207167, 4

Learning Outcome
Identify relevant constituencies and appropriate advocacy strategies to influence decision makers regarding health-related policies, regulations, laws, or rules at organizational and community levels using health communication tools.

Title
5. Advocacy experience

Tags
207178, 5

Learning Outcome
Identify advocacy practices, including framing health issues, to advocate for policy change in compliance with local, state, and/or federal policies and procedure.

HLTH 434 - Applied Public Health Evaluation & Analytics

Course Information

Teaching Area (new)
HLTH

Course Number
434

Teaching Area
HLTH

Course Title
Applied Public Health Evaluation & Analytics

Course Description
Students will apply the public health evaluation framework to real-world programs, including designing data collection instruments and procedures, analyzing data, and effectively communicating findings to stakeholders.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 312 - Introduction to Planning, Interventions, and Evaluation
  AND HLTH 313 - Introduction to Data Collection and Analysis

Other Prerequisites
HLTH 210.

Learning Outcomes

Title
Evaluation Framework

Tags
203424, 4

Learning Outcome
Apply the public health evaluation framework to real-world programs.

Title
Instruments & Data Collection

Tags
203425, 5

Learning Outcome
Design evaluation instruments and data collection procedures informed by program goals and context, with a commitment to integrity and value-based evaluation.

Title
Software & Analysis

Tags
203426, 8

Learning Outcome
Use statistical software to analyze quantitative data and draw responsible, evidence-based conclusions.

Title
Secondary Data Analysis

Tags
203481, 3

Learning Outcome
Students will be able to conduct basic data management techniques and carry out statistical tests

Title
Data Visualization

Tags
203482, 6

Learning Outcome
Create clear and engaging data visualizations that communicate findings to diverse audiences with empathy.

Title
Communicate Findings

Tags
203483, 1

Learning Outcome
Communicate evaluation findings truthfully and persuasively, demonstrating compassion towards stakeholders and communities.

Title
Professionalism, Leadership, & Teamwork

Tags
203484, 9

Learning Outcome
Demonstrate Christ-centered professionalism, leadership, and teamwork in collaborative evaluation projects that reflect real-world practice.

Title
Reflection

Learning Outcome
Reflect on how research and evaluation skills can be applied to a future public health career, embracing the calling of a disciple scholar who integrates faith and learning

HLTH 436 - Sexual and Reproductive Health

Course Information

Teaching Area (new)
HLTH

Course Number
436

Teaching Area
HLTH

Course Title
Sexual and Reproductive Health

Course Description
Prepare public and school health professionals to educate individuals and communities about sexual health as defined by the World Health Organization. Includes discussion of healthy sexual behavior, male & female sexual anatomy & response, male & female fertility, contraception, menstruation, pregnancy, childbirth, sexual and gender minorities, gender-based violence, and sexually transmitted disease.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Sexual Health

Learning Outcome
Students will be able to discuss the definition and importance of sexual health consistent with the World Health Organization’s definition and within the scope of Public and School Health Practice

Title
Anatomy & Function

Learning Outcome
Students will be able to identify and describe the anatomy and function of male and female reproductive systems (including menstruation, pregnancy, childbirth, menopause, fertility, and infertility) and discuss maturation, puberty, and sexual function across the lifespan.

Title
Sexual Risks

Learning Outcome
Students will be able to explain the epidemiology of sexual health risk factors and conditions including sexually transmitted diseases, pregnancy related health outcomes, and gender-based violence to audiences within the scope of Public and School Health Practice.

Title
Professional Preparation

Learning Outcome
Students will be able to plan curriculum appropriate for teaching sexuality education consistent with policies for Utah Public Schools.

HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)

Course Information

Teaching Area (new)
HLTH

Course Number
440

Teaching Area
HLTH

Course Title
Introduction to Statistical Computing in Epidemiology (SAS)

Course Description
Introduction to the basics of SAS and EXCEL focusing on the set of commands useful for data-reporting, data-management, formatting and graphics, and data-analysis. Topics include tables and regression models for epidemiologists (cumulative-incidence, case-control, and incidence rate data).

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Stat 121

Learning Outcomes

Title
Data Management

Tags
203239, 1

Learning Outcome
Identify the principles of data management.

Title
Presentation of Data

Tags
203240, 2

Learning Outcome
Describe how/when to use tables, charts and graphs for data presentation.

Title
Charts & Graphs

Tags
203241, 3

Learning Outcome
Create tables, graphs and charts in Excel for presenting public health data.

Title
SAS

Tags
203242, 4

Learning Outcome
Use SAS to manipulate datasets provided by sources such as the Centers for Disease Control and Prevention.

Title
SAS Procedures

Tags
203243, 5

Learning Outcome
Use basic SAS procedures to explore, describe and analyze data, including proc contents, proc freq, proc means, proc univariate and proc print.

Title
Data Cleaning & Recoding

Tags
203244, 6

Learning Outcome
Clean and recode data to prepare it for analysis using a variety of data cleaning techniques. Document all cleaning and recoding using comments in the SAS program and external documentation (code books, data dictionaries etc.).

Title
Output

Tags
203245, 7

Learning Outcome
Create clear and documented output using labels, titles, and formats.

Title
Basic Analysis

Tags
203480, 8

Learning Outcome
Conduct basic analyses using SAS including frequencies, proportions, chi-square, relative risk, odds ratio & logistic regression.

HLTH 442 - Special Topics in Epidemiology

Course Information

Teaching Area (new)
HLTH

Course Number
442

Teaching Area
HLTH

Course Title
Special Topics in Epidemiology

Course Description
Topics include environmental epidemiology, statistical methods in epidemiology, social epidemiology, genetic epidemiology, categorical data analysis, applied longitudinal analysis, survival analysis, and life table methods.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
HIth 345, Stat 121.

Learning Outcomes

Title
Designs and Modeling

Tags
203249, 3

Learning Outcome
Describe Epidemiologic Study Designs and explain Statistical Modeling and Causal Inference

Title
Climate Issues

Tags
203333, 8

Learning Outcome
Describe how Climate Change can affect Health

Title
Contaminant Issues

Tags
203343, 6

Learning Outcome
Give examples of current health issues in Soil and Food Contaminants

Title
Air Issues

Tags
203347, 5

Learning Outcome
Give examples of current health issues in Indoor and Ambient Air Quality

Title
Water Issues

Tags
203348, 7

Learning Outcome
Give examples of current health issues in Water and Radiation

Title
Monitor

Tags
203363, 1

Learning Outcome
Show how Monitoring is accomplished in Environmental Health

Title
Mapping, GIS, Time Series

Tags
203373, 4

Learning Outcome
Describe Mapping, Geographic Information Systems and Time Series

Title
Elements of Assessment

Tags
203388, 0

Learning Outcome
Explain the Basic Elements of Research, Exposure and Outcome Assessment

Title
Challenges with Investigation

Tags
203389, 3

Learning Outcome
Explain challenges associated with investigating Disease Clusters

HLTH 447 - Introduction to Biostatistics

Course Information

Teaching Area (new)
HLTH

Course Number
447

Teaching Area
HLTH

Course Title
Introduction to Biostatistics

Course Description
Introduction to statistical concepts and analytical methods as applied to data encountered in biotechnology and biomedical sciences. Emphasis on the basic concepts of experimental design, quantitative analysis of data, and statistical inferences.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 100 - Introduction to Public Health
  AND HLTH 313 - Introduction to Data Collection and Analysis

Recommended
HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)

Learning Outcomes

Title
Concepts

Tags
203439, 1

Learning Outcome

Epidemiologic research questions can be translated into statistical questions that can be addressed using appropriate data and quantitative data analysis methods.
Data analysis should be informed by an understanding of the epidemiologic study design and data collection methods that gave rise to the data, and limitations of the data such as missingness, information bias, and selection bias.
Many epidemiologic research questions involve comparisons across groups, where associations between exposures and outcomes are likely confounded by other variables due to a lack of randomization of exposures in the study design. Standardization and regression are two methods of reducing confounding when estimating associations.
Biostatistical procedures rely on concepts of probability and probability distributions. Using these concepts, samples are used to estimate unknown population parameters, and precision of estimates is shown with confidence intervals.

Title
Procedures

Tags
203440, 2

Learning Outcome

Summarize nominal, ordinal, and numerical data in tables and graphs
Calculate sensitivity, specificity, positive and negative predictive values
Select a probability sample using random numbers
Standardize means, proportions, and rates across groups for comparison
Calculate point estimates, confidence intervals, and P values
Compare means using t tests and linear regression
Compare proportions using chi-square tests, logistic regression, and binary regression
Compare rates using Poisson regression
Calculate life tables and Kaplan-Meier curves for survival data
Compare survival times using log rank tests and Cox proportional hazards regression
Combine results from multiple studies using meta-analysis procedures

Title
Modes of Communication

Tags
203441, 3

Learning Outcome

Communicate research findings to a scientific audience in writing (primary focus)
Communicate research findings to a scientific audience orally (secondary focus)

Title
Concepts

Tags
210993, 0, 4

Learning Outcome

Epidemiologic research questions can be translated into statistical questions that can be addressed using appropriate data and quantitative data analysis methods.
Data analysis should be informed by an understanding of the epidemiologic study design and data collection methods that gave rise to the data, and limitations of the data such as missingness, information bias, and selection bias.
Many epidemiologic research questions involve comparisons across groups, where associations between exposures and outcomes are likely confounded by other variables due to a lack of randomization of exposures in the study design. Standardization and regression are two methods of reducing confounding when estimating associations.
Biostatistical procedures rely on concepts of probability and probability distributions. Using these concepts, samples are used to estimate unknown population parameters, and precision of estimates is shown with confidence intervals.

Title
Procedures

Tags
210994, 0, 5

Learning Outcome

Summarize nominal, ordinal, and numerical data in tables and graphs
Calculate sensitivity, specificity, positive and negative predictive values
Select a probability sample using random numbers
Standardize means, proportions, and rates across groups for comparison
Calculate point estimates, confidence intervals, and P values
Compare means using t tests and linear regression
Compare proportions using chi-square tests, logistic regression, and binary regression
Compare rates using Poisson regression
Calculate life tables and Kaplan-Meier curves for survival data
Compare survival times using log rank tests and Cox proportional hazards regression
Combine results from multiple studies using meta-analysis procedures

Title
Modes of Communication

Tags
210995, 0, 6

Learning Outcome

Communicate research findings to a scientific audience in writing (primary focus)
Communicate research findings to a scientific audience orally (secondary focus)

HLTH 449 - Epidemiologic Study Design & Analysis

Course Information

Teaching Area (new)
HLTH

Course Number
449

Teaching Area
HLTH

Course Title
Epidemiologic Study Design & Analysis

Course Description
Building on courses in epidemiologic methods (HLTH 345), data management (HLTH 440), and biostatistics (HLTH 447), HLTH 449: Epidemiologic Study Design and Analysis helps students identify appropriate study designs and statistical analyses for specific public health research questions and implement these design and analysis strategies using statistical software and epidemiologic datasets.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 345 - Principles of Epidemiology
  AND HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  AND HLTH 447 - Introduction to Biostatistics

Learning Outcomes

Title
Study Validity

Tags
208297, 0, 2

Learning Outcome
Describe and perform strategies for testing and controlling for threats to internal and external study validity.

Title
Assess Epidemiological Literature

Tags
208298, 0, 3

Learning Outcome
Critique assessment of selected papers in the epidemiological literature. These papers will represent analytic epidemiological study designs (case-control, cohort, experimental)

Title
Study Design

Tags
208296, 0, 1

Learning Outcome
Be familiar with the basic descriptive and analytic study designs and statistical measures used in epidemiological research.

HLTH 450 - Women's Health

Course Information

Teaching Area (new)
HLTH

Course Number
450

Teaching Area
HLTH

Course Title
Women's Health

Course Description
Overview of selected health topics affecting women's health status. Primary emphasis on steps to enhance personal health and fulfill divine roles from childhood through adulthood.

Department
Public Health

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Women's Health Status

Tags
199722, 1

Learning Outcome
Recognize contributing factors and major health issues impacting women's health status.

Title
Divine Roles

Tags
199723, 2

Learning Outcome
Analyze methods for enhancing personal health and fulfilling divine roles from adolescence through adulthood.

Title
Improving Women's Health

Tags
199724, 3

Learning Outcome
Apply various strategies for improving women's health.

Title
Women's Health Professions

Learning Outcome
Describe a variety of professions that impact women's health.

HLTH 456 - Families and Public Health

Course Information

Teaching Area (new)
HLTH

Course Number
456

Teaching Area
HLTH

Course Title
Families and Public Health

Course Description
Introduction to families as producers of health in individuals and communities; discussion of family health theories; application of family impact principles and methods to the development of family-focused and effective public health programs.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
HLTH 210/100, HLTH 312, HLTH 313, HLTH 314, HLTH 315, HLTH 316

HLTH 460 - Substance Use Disorders and the Individual, Family, and Community

Course Information

Teaching Area (new)
HLTH

Course Number
460

Teaching Area
HLTH

Course Title
Substance Use Disorders and the Individual, Family, and Community

Course Description
A public health approach to substance use disorders and mental health that emphasizes prevention science in addressing social determinants, risk and protective factors, bio-psycho-social effects, treatment, and the legal implications of drug use on the individual, family, and community. Students will learn new skills to assist them with future parenting and community involvement, and in preparation for public health career opportunities in the field of substance use disorder prevention and treatment.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Epidemiology of Substance Use Disorders

Tags
211199, 0, 1

Learning Outcome
Discuss the descriptive epidemiology of substance use disorders and the opioid crisis in the United States and the age-at-first use among at-risk individuals and communities.

Title
Risk and Protective Factors and Social Determinants of Substance Use Disorders

Tags
211200, 0, 2

Learning Outcome
Explain the underlying major social determinants, adverse childhood experiences (ACES), risk and protective factors for substance use disorders and mental health. Explain how marketing strategies of tobacco, alcohol, and pharmaceutical industries influence substance use.

Title
Co-occurrence of Mental Health and Substance Use Disorders

Tags
211201, 0, 3

Learning Outcome
Discuss how mental health disorders that affect thinking, mood, and behavior may co-exist with substance use disorders. Discuss how a dual diagnosis magnifies the complexity of prevention and treatment of substance use disorders.

Title
Substance Use Disorders and their Physical and Psychological Effects

Tags
211202, 0, 4

Learning Outcome
Identify the DSM 5 criteria for substance use disorders. Compare and contrast the various physical, psychological, and behavioral effects of the 10 classes of drugs that result in substance-related disorders.

Title
Individual, Family, and Community Impact.

Tags
211203, 0, 5

Learning Outcome
Analyze how substance use disorders affect the individual, family, and community. Discuss how families can access preventive and treatment resources, support groups, and other community resources.

Title
Prevention, Treatment, and Recovery Programs and Environmental Controls

Tags
211204, 0, 6

Learning Outcome
Explain the science behind evidence-based prevention, treatment, and recovery strategies, programs, and interventions at the individual, family, and community levels, including transforming one's environment to help with recovery. Explain how different community agencies respond to social concerns caused by substance misuse.

Title
Laws, Policies, and Regulations on Substance Use Disorders

Tags
211205, 0, 7

Learning Outcome
Identify and describe, city, state, and federal laws and policies addressing substance use disorders. Explain the importance of policy development in assessing the adequacy and appropriateness of protocols relevant to the prevention, diagnosis, treatment, and management of substance use disorders.

Title
Apply Skills to Build Emotional Resilience, Hope, Understanding, and Compassion

Tags
211207, 0, 8

Learning Outcome
Learn and apply personal and family skills that promote emotional resilience and the capacity to make healthy choices such as deeper listening skills, motivational interviewing, mindfulness, teaming, coalitions, genograms, ecomaps, and advocacy skills. Practice using words and descriptions that promote self-worth, hope, understanding, and compassion. List strategies to decrease stigma and shaming in ourselves and others.

HLTH 461 - Population Mental Health

Course Information

Course Number
461

Teaching Area
HLTH

Course Title
Population Mental Health

Course Description
Examines mental health conditions and explores the individual and population effects of mental illness, the importance of mental health to individual and society, as well as cultural and societal beliefs and stigmas related to mental health and mental health treatment.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Mental Health

Learning Outcome
Students will be able to compare and contrast mental illness and mental wellness.

Title
Socioecological Impacts

Learning Outcome
Students will be able to explain the bio/socioecological impacts on individual and population mental health.

Title
Communities and Mental Health

Learning Outcome
Students will be able to describe the bidirectional relationship between communities and mental health.

Title
Interventions

Learning Outcome
Students will be able to develop population-based interventions that promote mental health.

Title
Foundational Principles

Learning Outcome
Students will be able to apply foundational principles and knowledge of mental health to their personal lives and the efforts to live the gospel of Jesus Christ.

HLTH 466 - Health and the Aging Process

Course Information

Teaching Area (new)
HLTH

Course Number
466

Teaching Area
HLTH

Course Title
Health and the Aging Process

Course Description
Public health strategies to promote health and functional independence in the context of the inevitable consequence of aging.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Preventative Lifestyle Behaviors

Tags
203325, 6

Learning Outcome
Promote healthy lifestyle behaviors that help prevent premature aging, promote the health of the elderly, and contribute to the extension of the prime of life.

Title
Aging Physiology and Experimental Approaches

Tags
203328, 4

Learning Outcome
Understand the physiological aspects of aging and the experimental approaches used in studying the aging process.

Title
End-of-Life Decisions and Planning

Tags
203336, 7

Learning Outcome
Understand decision-making related to end-of-life planning.

Title
Disease Prevention and Health Promotion Among the Aging

Tags
203356, 2

Learning Outcome
Relate knowledge about the organic and infectious diseases, common disorders, and disabilities prevalent among the elderly to disease prevention and health promotion among the aged.

Title
Normal Aging Processes

Tags
203358, 1

Learning Outcome
Understand the physiological aspects of the normal aging process.

Title
Aging Pathology

Tags
203365, 1

Learning Outcome
Understand aging as a pathological process and the factors in both the external and internal milieu, this may contribute to premature aging.

Title
Health Programs and Services for the Aged

Tags
203374, 5

Learning Outcome
Identify and distinguish the federal, state, and community health programs and services for the aged, including medical care, hospitalization, extended care, rehabilitation, and health maintenance.

Title
Gerontology Research

Tags
203391, 3

Learning Outcome
Become exposed to professional literature pertaining to the biological, medical, and health aspects of aging including the use of clinical preventive services as noted by gerontology researchers.

HLTH 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
HLTH

Course Number
477R

Teaching Area
HLTH

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Public Health

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

HLTH 480 - International Health

Course Information

Teaching Area (new)
HLTH

Course Number
480

Teaching Area
HLTH

Course Title
International Health

Course Description
Identifying disease patterns in "developing" countries, exploring the social and cultural context of health, and reviewing behavior change strategies for improving well-being.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Morbidity and Mortality in Women and Children: Epidemiology

Tags
203321, 5

Learning Outcome
Using principles of epidemiology, identify the leading causes of morbidity (sickness) and mortablity among women and children in the developing world and compare the burden of disease across different regions of the world.

Title
Health Behavior Strategies

Tags
203329, 7

Learning Outcome
Discuss successful, evidence-based strategies for changing behaviors and improving health.

Title
Culture and Optimal Health Behaviors

Tags
203339, 2

Learning Outcome
Explain how culture, our own and others, facilitates or hinders practicing optimal health behaviors.

Title
Health Program Monitoring, Evaluation, and Research

Tags
203350, 6

Learning Outcome
Describe how monitoring, evaluation, and applied research improve health programs.

Title
Maternal and Child Health Improvement

Tags
203351, 1

Learning Outcome
Idenitfy behaviors that improve maternal and child health and how they may be specific for particular groups.

Title
Nutrition and Disease Morbidity and Mortality

Tags
203353, 4

Learning Outcome
Discuss how undernutrition and overnutrition contribute to morbidity and mortality related to infectious and chronic disease.

Title
Global Disease Determinants

Tags
203378, 1

Learning Outcome
Discuss the determinants of global diseases and why inequalities and inequities exist.

Title
Morbidity and Mortality in Women and Children

Tags
203386, 3

Learning Outcome
Describe the leading causes of morbidity (sickness) and mortablity among women and children in the developing world.

HLTH 481 - Applied International Health

Course Information

Teaching Area (new)
HLTH

Course Number
481

Teaching Area
HLTH

Course Title
Applied International Health

Course Description
Engaging in an applied international health experience.

Department
Public Health

When Taught
Spring and Summer Terms

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Applied International Health

Tags
203411, 1

Learning Outcome
Students will demonstrate knowledge in applied international health.

HLTH 482 - Medical Geography

Course Information

Teaching Area (new)
HLTH

Course Number
482

Teaching Area
HLTH

Course Title
Medical Geography

Course Description
Understanding how geographic locations influence health outcomes. Learning to identify geographic patterns of health and disease as a tool to improve overall understanding of disease etiology and development of effective prevention and control strategies. The course utilizes geographic information systems (GIS) to meet these goals. No prior experience with the software is required.

Department
Public Health

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

Recommended
Hlth 447

Learning Outcomes

Title
Location and Geographic Questions

Tags
208371, 0, 1

Learning Outcome
Understand how location influences health, and how asking geographic questions of health data can lead to improved disease prevention.

Title
Spatial Epidemiology Data

Tags
208372, 0, 2

Learning Outcome
Understand how we can use spatial epidemiology data to better understand etiologies and develop effective prevention methods.

Title
Basic Spatial Statistics

Tags
208373, 0, 3

Learning Outcome
Describe the procedures used in basic spatial statistics.

Title
Health Maps

Tags
208374, 0, 4

Learning Outcome
Independently create health maps using ESRI ArcMap software.

HLTH 491R - Mentored Research

Course Information

Teaching Area (new)
HLTH

Course Number
491R

Teaching Area
HLTH

Course Title
Mentored Research

Course Description
Collaborate with professors on mentoring grants or other public health-related research and initiatives.

Department
Public Health

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Conduct applied research

Tags
203238, 1

Learning Outcome
Experience at least one subset of research skills while conducting supervised public health research with a faculty member.

HLTH 492R - Directed Public Health Readings

Course Information

Teaching Area (new)
HLTH

Course Number
492R

Teaching Area
HLTH

Course Title
Directed Public Health Readings

Course Description
Self-paced reading and in-depth studying of public health topics.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Public Health Readings

Tags
203412, 1

Learning Outcome
Students will deepen their understanding of public health by reading books and articles related to the subject.

HLTH 493 - Epidemiology Capstone

Course Information

Teaching Area (new)
HLTH

Course Number
493

Teaching Area
HLTH

Course Title
Epidemiology Capstone

Course Description
Culminating experience for public health epidemiology students. Students will develop an epidemiologic research question, identify an appropriate source of data to analyze, conduct a quantitative data analysis to address their research question, and write a structured report summarizing their research question, methodological approach, findings, and conclusions.

Department
Public Health

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- HLTH 345 - Principles of Epidemiology
  AND HLTH 447 - Introduction to Biostatistics
  AND HLTH 449 - Epidemiologic Study Design & Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- HLTH 345 - Principles of Epidemiology
  AND HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  AND

OR

Prerequisites

Complete ALL of the following Courses:

- HLTH 345 - Principles of Epidemiology
  AND HLTH 440 - Introduction to Statistical Computing in Epidemiology (SAS)
  AND

Other Prerequisites

Can be concurrent with HLTH 312 and HLTH 316.

Learning Outcomes

Title
Literature Review

Tags
208346, 0, 2

Learning Outcome
Conduct a systematic review of published literature pertinent to their research question.

Title
Research Proposal

Tags
208347, 0, 3

Learning Outcome
Write a proposal outlining their background and rationale, research question, source of data, and data analysis plan.

Title
Research Question and Hypotheses

Tags
208345, 0, 1

Learning Outcome
Develop an epidemiologic research question and associated hypotheses.

Title
Quantitative Data Analysis

Tags
208348, 0, 4

Learning Outcome
Perform a quantitative data analysis to evaluate their research question.

Title
Manuscript

Tags
208349, 0, 5

Learning Outcome
Write a structured manuscript reporting their research findings.

HLTH 494 - Health Promotion Capstone: Advanced Program Planning

Course Information

Teaching Area (new)
HLTH

Course Number
494

Teaching Area
HLTH

Course Title
Health Promotion Capstone: Advanced Program Planning

Course Description
Introduction to needs assessment, program development, implementation, and evaluation in health promotion and public health.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 330 - Principles and Practices of Health Promotion **AND** HLTH 431 - Health Communication and Advocacy

Other Prerequisites
HLTH 100, 210, 312, 313, 314, 315, 316.

Learning Outcomes

Title
Capstone Project

Tags
203501, 1

Learning Outcome
Design and execute a capstone project that demonstrates applied health promotion knowledge in collaboration with a community partner.

Title
NCHEC Areas of Responsibility

Tags
203502, 2

Learning Outcome
Select and develop professional quality deliverables that demonstrate competencies aligned with NCHEC Areas of Responsibility (e.g., needs assessment, intervention design, implementation, evaluation).

Title
Professional Competence

Tags
203503, 3

Learning Outcome
Apply public health theories, data, and evidence to guide project development and decisions making.

Title
Gospel-Centered Design

Learning Outcome
Apply gospel-centered principles-such as compassion, service, integrity, and stewardship-in the design and execution of the capstone project.

Title
Professional Skills

Learning Outcome
Demonstrate professional skills in communication, teamwork, planning, and critical thinking.

Title
Career Readiness

Learning Outcome
Demonstrate readiness for public health careers through development of professional materials and career planning strategies.

HLTH 495 - Health Science Capstone: Integrating Public Health and Primary Care

Course Information

Teaching Area (new)
HLTH

Course Number
495

Teaching Area
HLTH

Course Title
Health Science Capstone: Integrating Public Health and Primary Care

Course Description
HLTH495 is a combination of a lecture and an experiential-based capstone class that serves as the culminating course for public health students in the Health Science Emphasis. The course is intended to provide students with the opportunity to partner with the community in addressing real health issues that can benefit from a joint public health-primary care approach in addressing the social determinants of health.

Department
Public Health

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 315 - Health, Disease and Their Determinants, Part 2 **AND** HLTH 316 - Influencing Health through Health Systems and Policy

Other Prerequisites
HLTH 210/HLTH 100, HLTH 312, HLTH 313, HLTH 440, HLTH 425

Learning Outcomes

Title
Upstream Health

Tags
210043, 0, 1

Learning Outcome
Discuss the benefits of an upstream approach to health compared to midstream and downstream interventions.

Title
U.S. Public Health & Health Care Systems: Structure, Functions, and Potential Points of Integration

Tags
210044, 0, 2

Learning Outcome
Describe the similarities and differences in the structures and functions of the U.S. Public Health System and the U.S. Health Care System and identify points where public health and primary care can integrate to improve population health.

Title
Social Determinants of Access to Health Care

Tags
210045, 0, 3

Learning Outcome
Identify actual community social determinants, including racism and bias, which can lead to inequities in the access, quality, and delivery of care.

Title
Levels of Public Health-Primary Care Integration

Tags
210046, 0, 4

Learning Outcome
Analyze current examples of partnerships between public health and primary care. Propose additional integration points to expand opportunities for interdisciplinary collaboration across sectors to improve population health.

Title
Health Care Financing & Reimbursement Methods

Tags
210047, 0, 5

Learning Outcome
Discuss how current financing and reimbursement methods impact cost, access, quality, and individual and population health. Analyze the impact of major health care reforms on Medicare, Medicaid, Children's Health Insurance Program (CHIP), and on accountable care organizations.

Title
Complex Care and Populations with Special Health Needs

Tags
210048, 0, 6

Learning Outcome
Evaluate the predisposing, enabling, and needs characteristics of vulnerable populations, which result in complex health care needs among women and children, minorities, immigrants, refugees, uninsured, and the homeless.

Title
Tools for Integration

Tags
210049, 0, 7

Learning Outcome
Apply integration tools in addressing real community needs and in facilitating a collaborative partnership between public health and primary care through GIS, community health needs assessment, electronic medical records, public health-oriented e-learning, mapping public health and clinical preventive medicine competencies, relationship with health departments, and others.

Title
Conceptual Framework for Public Health-Primary Care Integration

Tags
210050, 0, 8

Learning Outcome
Create and apply a conceptual framework for integrating public health and primary care in addressing real community needs.

Title
Community Needs-Based Project and Data Collection

Tags
210051, 0, 9

Learning Outcome
Design a data collection instrument (surveys, interviews, or interventions) regarding an identified community need(s)/problem(s) made worse by the existing social determinants of health. As a team, collect, analyze, present, and prepare a written report of your data to the class and to your community partner.

HLTH 496R - Academic Internship: Health Science

Course Information

Teaching Area (new)
HLTH

Course Number
496R

Teaching Area
HLTH

Course Title
Academic Internship: Health Science

Course Description
Experiential learning within a public health, primary care/health care, health services, or health policy setting in addressing the social determinants of health. During the internship, students will obtain experience as proctored by an approved internship supervisor. Performance will be assessed through an internship report and internship supervisor rating.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 431 - Health Communication and Advocacy
  AND HLTH 434 - Applied Public Health Evaluation & Analytics
  AND HLTH 494 - Health Promotion Capstone: Advanced Program Planning

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 428 - Occupational Exposure Assessment Lab

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

OR

Prerequisites

Complete ALL of the following Courses:

- HLTH 100 - Introduction to Public Health

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HLTH 100 - Introduction to Public Health

Other Prerequisites
HLTH 100; or HLTH 210.

Note
An APPROVED Internship Application is required before adding.
https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT.Y_INT_WELCOME.GBL?nb

Learning Outcomes

Title
Professionalism

Tags
208191, 0, 2

Learning Outcome
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

Title
Professional Competence

Tags
208192, 0, 3

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

Title
Ethical Standards

Tags
208193, 0, 4

Learning Outcome
Practice ethical standards appropriate to the internship site (preceptor evaluation).

Title
Hour Requirement

Tags
208194, 0, 5

Learning Outcome
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

Title
Internship Deliverable

Tags
208195, 0, 6

Learning Outcome
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator evaluation).

Title
Competencies and Areas of Responsibility

Tags
208190, 0, 1

Learning Outcome
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Health Science: a minimum of 1 of the Health Science emphasis-specific learning outcomes.

HLTH 496R - Academic Internship: Environmental/Occupational Health

Course Information

Teaching Area (new)
HLTH

Course Number
496R

Teaching Area
HLTH

Course Title
Academic Internship: Environmental/Occupational Health

Course Description
Application of professional competencies in the field of Environmental and Occupational Health. During the internship, students will obtain experience as proctored by an approved internship supervisor. Performance will be assessed through an internship report and internship supervisor rating.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Recommended
\n

Note
An APPROVED Internship Application is required before adding.
https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT.Y_INT_WELCOME.GBL?nb

Learning Outcomes

Title
Competencies and Areas of Responsibility

Tags
208202, 0, 1

Learning Outcome
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Environmental/Occupational Health: a minimum of 2 EH/OH emphasis-specific learning outcomes.

Title
Professionalism

Tags
208203, 0, 2

Learning Outcome
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

Title
Professional Competence

Tags
208204, 0, 3

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

Title
Ethical Standards

Tags
208205, 0, 4

Learning Outcome
Practice ethical standards appropriate to the internship site (preceptor evaluation).

Title
Hour Requirement

Tags
208206, 0, 5

Learning Outcome
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

Title
Internship Deliverable

Tags
208207, 0, 6

Learning Outcome
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator evaluation).

HLTH 496R - Academic Internship: Epidemiology

Course Information

Teaching Area (new)
HLTH

Course Number
496R

Teaching Area
HLTH

Course Title
Academic Internship: Epidemiology

Course Description
Public Health Internship for Epidemiology

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

HLTH 496R - Academic Internship: Health Promotion

Course Information

Teaching Area (new)
HLTH

Course Number
496R

Teaching Area
HLTH

Course Title
Academic Internship: Health Promotion

Course Description
Senior culminating internship experience for students in the Health Promotion Emphasis.

Department
Public Health

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
An APPROVED Internship Application is required before adding

Note
Several Public Health courses must be completed prior to the internship: Hlth 210 or Hlth 100; Hlth 312; Hlth 313; Hlth 314; Hlth 315; Hlth 316; Hlth 330; Hlth 431; Hlth 434; and Hlth 439. Consult with an academic advisor to learn more. An APPROVED Internship Application is required before adding. https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT.Y_INT_WELCOME.GBL?nb

Learning Outcomes

Title
Competencies and Areas of Responsibility

Tags
208196, 0, 1

Learning Outcome
Show evidence of participation in competencies and areas of responsibility appropriate for your public health emphasis: (internship coordinator evaluation)

Health Promotion: a minimum of 8 sub-competencies from at least 4 competencies spanning at least 2 areas of responsibility from the Areas of Responsibility, Competencies, and Sub-competencies for the Health Education Specialty Practice Analysis 2015.

Title
Professionalism

Tags
208197, 0, 2

Learning Outcome
Demonstrate professionalism at the internship site, including dress and grooming, collegiality, appropriateness, communication, and punctuality (preceptor evaluation).

Title
Professional Competence

Tags
208198, 0, 3

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the agency's expectations (preceptor evaluation).

Title
Ethical Standards

Tags
208199, 0, 4

Learning Outcome
Practice ethical standards appropriate to the internship site (preceptor evaluation).

Title
Hour Requirement

Tags
208200, 0, 5

Learning Outcome
Successfully complete the hour requirement for the internship (internship coordinator evaluation).

Title
Internship Deliverable

Tags
208201, 0, 6

Learning Outcome
Successfully complete the internship deliverable to the Internship Coordinator (internship coordinator evaluation).

HMONG 100 - Language Study: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
100

Teaching Area
HMONG

Course Title
Language Study: Hmong

Course Description
Survival-level conversation, reading, listening, and culture skills in Hmong.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196131, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196132, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196133, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

HMONG 101 - First-Year Language Study: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
101

Teaching Area
HMONG

Course Title
First-Year Language Study: Hmong

Course Description
Beginning speaking, listening, reading, and writing skills in Hmong.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196134, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196135, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196136, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196137, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HMONG 102 - First-Year Language Study: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
102

Teaching Area
HMONG

Course Title
First-Year Language Study: Hmong

Course Description
Second-semester speaking, listening, reading, and writing skills in Hmong.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HMONG 101 - First-Year Language Study: Hmong

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196138, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196139, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196140, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196141, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HMONG 201 - Second-Year Language Study: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
201

Teaching Area
HMONG

Course Title
Second-Year Language Study: Hmong

Course Description
Intermediate speaking, listening, reading, and writing skills in Hmong.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HMONG 102 - First-Year Language Study: Hmong

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196142, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196143, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196144, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196145, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

HMONG 202 - Second-Year Language Study: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
202

Teaching Area
HMONG

Course Title
Second-Year Language Study: Hmong

Course Description
Continued emphasis on Hmong communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HMONG 201 - Second-Year Language Study: Hmong

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196146, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196147, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196148, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196149, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HMONG 305 - Language Skills Development: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
305

Teaching Area
HMONG

Course Title
Language Skills Development: Hmong

Course Description
Increasing proficiency in one or more of the following Hmong language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
  Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196150, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196151, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196152, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

HMONG 321 - Advanced Grammar: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
321

Teaching Area
HMONG

Course Title
Advanced Grammar: Hmong

Course Description
Advance your Hmong through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196153, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196154, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196155, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
330

Teaching Area
HMONG

Course Title
Advanced Language Proficiency Through Cultural Studies: Hmong

Course Description
Study of Hmong culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Hmong 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196156, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196157, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196158, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196159, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

HMONG 340 - Introduction to Literature: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
340

Teaching Area
HMONG

Course Title
Introduction to Literature: Hmong

Course Description
Explore Hmong culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196160, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196161, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196162, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196163, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

HMONG 350 - Advanced Language Study for Career Purposes: Hmong

Course Information

Teaching Area (new)
HMONG

Course Number
350

Teaching Area
HMONG

Course Title
Advanced Language Study for Career Purposes: Hmong

Course Description
Concentration on Hmong language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HMONG 330 - Advanced Language Proficiency Through Cultural Studies: Hmong

Learning Outcomes

Title
Defined Career Purposes

Tags
196164, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196165, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196166, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196167, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196168, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

HONRS 120 - Intro to Interdisciplinary Thinking

Course Information

Teaching Area (new)
HONRS

Course Number
120

Teaching Area
HONRS

Course Title
Intro to Interdisciplinary Thinking

Course Description
Introduction to the Honors interdisciplinary curriculum. In this course students learn to consider big or "great questions," formulate and evaluate good research questions, and explore different disciplinary approaches to these questions through guest lectures and discussion. Students learn to identify various thinking patterns, and begin to explore interdisciplinary approaches to learning (preparation for HONRS Unexpected Connections sequence).

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
HONRS 110 should be completed prior to or concurrent with HONRS 120

Learning Outcomes

Title
Interdisciplinary Thinking

Tags
206620, 2

Learning Outcome
Recognize and articulate basic thinking patterns in a variety of disciplines.

Title
Great Question

Tags
206621, 4

Learning Outcome
Describe a Great Question/Root Problem in a selected discipline.

Title
Research Question

Tags
206622, 5

Learning Outcome
Develop and evaluate the value of a Research Question in a selected discipline.

Title
Research Plan

Tags
206623, 1

Learning Outcome
Make a preliminary Research Plan to address a research question using interdisciplinary thinking.

HONRS 220 - Unexpected Connections: Biology and Letters

Course Information

Teaching Area (new)
HONRS

Course Number
220

Teaching Area
HONRS

Course Title
Unexpected Connections: Biology and Letters

Course Description
The class, team-taught by professors from different disciplines, explores unities between biology and letters. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

OR

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

Learning Outcomes

Title
GE Letters Outcomes

Tags
206580, 4

Learning Outcome
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

Title
Interdisciplinary Approach

Tags
206588, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206589, 2

Learning Outcome
Apply two different disciplinary perspectives to examine issues, problems and questions in order to discover connections.

Title
Communication Skills

Tags
206590, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Biological Sciences Outcomes

Tags
206581, 5

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

HONRS 221 - Unexpected Connections: Biology & Arts

Course Information

Teaching Area (new)
HONRS

Course Number
221

Teaching Area
HONRS

Course Title
Unexpected Connections: Biology & Arts

Course Description
The class, team-taught by professors from different disciplines, explores unities between biology and the arts. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking
  AND WRTG 150 - Writing and Rhetoric

OR

Complete ALL of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206593, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206594, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206595, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Biological Sciences Outcomes

Tags
206596, 4

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

Title
GE Arts Outcomes

Tags
206597, 5

Learning Outcome
Students will: 1. Demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression (e.g., visual arts, dance, music, theatre, or film). 2. Become acquainted with a variety of representative works in at least one art form. 3. Demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art. 4. Develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions. 5. Demonstrate the ability to engage in critical analysis of works of art, including an understanding of the historical and cultural factors that should inform an appreciation of such works.

HONRS 223 - Unexpected Connections: Physical Science & Letters

Course Information

Teaching Area (new)
HONRS

Course Number
223

Teaching Area
HONRS

Course Title
Unexpected Connections: Physical Science & Letters

Course Description
The class, team-taught by professors from different disciplines, explores unities between the physical sciences, literature, and philosophy. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206598, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206599, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206600, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Physical Sciences Outcomes

Tags
206601, 4

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

Title
GE Letters Outcomes

Tags
206602, 5

Learning Outcome
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

HONRS 225 - Unexpected Connections: Physical Science and Culture

Course Information

Teaching Area (new)
HONRS

Course Number
225

Teaching Area
HONRS

Course Title
Unexpected Connections: Physical Science and Culture

Course Description
The class, team-taught by professors from different disciplines, explores unities between physical science and culture. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric

OR

Complete ALL of the following Courses:
- HONRS 220 - Unexpected Connections: Biology and Letters **AND** ELING 150 - First-Year Writing for International Students

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206603, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206604, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206605, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Global & Cultural Awareness Outcomes

Tags
206582, 5

Learning Outcome
Students will: 1. Acquire informed awareness of a global culture outside their own, with the interplay of cultures, languages, and/or nations at an international level. 2. Experience thoughtful reflection on the above, as demonstrated in a structured, guided manner under the direction of a faculty member. Evidence of reflection implies written or spoken analysis that will include a consideration of the student's own responses to the culture or global issue, often involving comparison, and will demonstrate informed awareness. 3. Develop greater empathy and charity, and will begin to gain a global perspective by learning to see themselves from another's point of view.

Title
GE Physical Science Outcomes

Tags
206583, 4

Learning Outcome
Students will be able to: 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion.

HONRS 226 - Unexpected Connections: Social Science & Letters

Course Information

Teaching Area (new)
HONRS

Course Number
226

Teaching Area
HONRS

Course Title
Unexpected Connections: Social Science & Letters

Course Description
The class, team-taught by professors from different disciplines, explores unities between the social sciences, literature, and philosophy. Through reading, writing, and conversation, students gain understanding and skills to engage in real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking
  AND WRTG 150 - Writing and Rhetoric

OR

Complete ALL of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206606, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206607, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206608, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Social Sciences Outcomes

Tags
206609, 4

Learning Outcome
1. Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the social sciences and the study of the Arts. 2. Apply sound and original thinking to address issues and problems in the world today. In so doing, demonstrate a mature understanding of the different roles that the social sciences and the arts play both in how we conceptualize and contextualize these issues and problems, and also in how we might deepen our understanding of and devise possible solutions for them. 3. Communicate effectively with diverse audiences on current issues and problems we face. 4. Model the disposition and character of an educated and faithful person. That is: 1. Take seriously both the course topic and your own responsibility to work towards solutions to current issues and problems. 2. Demonstrate the ability and the humility to learn from and collaborate productively with others who have backgrounds, views, or expertise different from your own. 3. Articulate thoughtfully how your spiritual faith influences your understanding of and response to questions relevant to biology, literature, and philosophy. 4. Examine and evaluate the strengths and weaknesses of your own ideas and arguments, as well as those of others, withholding final judgment until sufficient information has been gathered and relevant implications considered. Be able to recognize when that point has been reached.

Title
GE Letters Outcomes

Tags
206610, 5

Learning Outcome
Students will 1. Demonstrate skills in critical reading as they analyze primary historical, philosophical, theological, or literary texts as artifacts worthy of study in themselves. 2. Demonstrate they can interpret and appreciate texts in their contexts, understanding a writer's cultural background, purpose, audience, and rhetorical strategies. 3. Show they can evaluate texts for their power to shape culture and their spiritual insight

HONRS 227 - Unexpected Connections: Social Science and Art

Course Information

Teaching Area (new)
HONRS

Course Number
227

Teaching Area
HONRS

Course Title
Unexpected Connections: Social Science and Art

Course Description
The class, team-taught by professors from different disciplines, explores the unities between social science and art. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric
- HONRS 120 - Intro to Interdisciplinary Thinking **AND** ELING 150 - First-Year Writing for International Students

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206611, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206612, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206613, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

Title
GE Social Science Outcomes

Tags
206585, 4

Learning Outcome
1. Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the social sciences and the study of the Arts. 2. Apply sound and original thinking to address issues and problems in the world today. In so doing, demonstrate a mature understanding of the different roles that the social sciences and the arts play both in how we conceptualize and contextualize these issues and problems, and also in how we might deepen our understanding of and devise possible solutions for them. 3. Communicate effectively with diverse audiences on current issues and problems we face. 4. Model the disposition and character of an educated and faithful person. That is: 1. Take seriously both the course topic and your own responsibility to work towards solutions to current issues and problems. 2. Demonstrate the ability and the humility to learn from and collaborate productively with others who have backgrounds, views, or expertise different from your own. 3. Articulate thoughtfully how your spiritual faith influences your understanding of and response to questions relevant to biology, literature, and philosophy. 4. Examine and evaluate the strengths and weaknesses of your own ideas and arguments, as well as those of others, withholding final judgment until sufficient information has been gathered and relevant implications considered. Be able to recognize when that point has been reached.

Title
GE Art Outcomes

Tags
206584, 5

Learning Outcome
Students will: 1. Demonstrate an understanding of the elements, forms, aesthetic and compositional principles of at least one form of artistic expression (e.g., visual arts, dance, music, theatre, or film). 2. Become acquainted with a variety of representative works in at least one art form. 3. Demonstrate analytical literacy in at least one art form, meaning the ability to invoke the vocabulary, grammar, and theoretical models of the art form for the purpose of "reading" a work of art. 4. Develop the ability to recognize multiple possible interpretations of an art work, and identify the work's adherence to or departure from the genre's traditions and conventions. 5. Demonstrate the ability to engage in critical analysis of works of art, including an understanding of the historical and cultural factors that should inform an appreciation of such works.

HONRS 290R - Unexpected Connections: Special Topics

Course Information

Teaching Area (new)
HONRS

Course Number
290R

Teaching Area
HONRS

Course Title
Unexpected Connections: Special Topics

Course Description
The class, team-taught by professors from different disciplines, explores unities between life sciences, culture, physical sciences, social sciences, languages of learning, letters, or the arts. Through reading, writing, and conversation, students gain understanding and skills to engage real-life questions. Topics and disciplinary perspectives are announced in the class schedule. Honors only.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ANY of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking **AND** WRTG 150 - Writing and Rhetoric
- ELING 150 - First-Year Writing for International Students **AND** HONRS 120 - Intro to Interdisciplinary Thinking

Learning Outcomes

Title
Interdisciplinary Approach

Tags
206614, 1

Learning Outcome
Recognize and understand the assumptions, methodologies and practices of two distinct disciplines.

Title
Making Connections

Tags
206615, 2

Learning Outcome
Apply different disciplinary perspectives to examine issues, problems, and questions in order to discover connections.

Title
Communication Skills

Tags
206616, 3

Learning Outcome
Clearly express concepts, ideas and conclusions through written, visual, oral, or other forms of communication.

HONRS 310 - Foundations of Interdisciplinary Leadership

Course Information

Teaching Area (new)
HONRS

Course Number
310

Teaching Area
HONRS

Course Title
Foundations of Interdisciplinary Leadership

Course Description
Instruction and training in organizational, interpersonal, and personal leadership development in preparation for the Honors Leadership Practicum Experience. Emphasis is given to creating and managing effective teams, collaborating with interdisciplinary groups, building consensus, developing leadership traits, and building self-awareness.

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking

Other Prerequisites
Complete at least one (3.0 credits) Unexpected Connections course (HONRS 220, 221, 223, 225, 226, 227, or 290R).

Learning Outcomes

Title
Interpersonal Leadership

Tags
211093, 0, 2, 2021-07-28 10:24:42

Learning Outcome
Identify strategies for motivating others, managing conflict, and building consensus.

Title
Personal Leadership

Tags
211094, 0, 3, 2021-07-28 10:24:42

Learning Outcome
Demonstrate leadership self-awareness by describing and defining their own leadership traits.

Title
Organizational Leadership

Tags
211092, 0, 1, 2021-07-28 10:24:42

Learning Outcome
Define and describe basic principles for creating and managing effective interdisciplinary teams.

HONRS 320 - Great Questions Tutorial

Course Information

Teaching Area (new)
HONRS

Course Number
320

Teaching Area
HONRS

Course Title
Great Questions Tutorial

Course Description
This capstone to the Honors Program coursework provides group and individual instruction in researching and writing the Great Question Essay, an interdisciplinary essay on an approved "great question" of the student's choosing.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- HONRS 120 - Intro to Interdisciplinary Thinking

Other Prerequisites
Complete at least two (6.0 credits) Unexpected Connections courses (HONRS 220, 221, 223, 225, 226, 227, or 290R).

Recommended
Wrtg 150. Complete three (9.0 credits) Unexpected Connections courses (HONRS 220, 221, 223, 225, 226, 227, or 290R)

Learning Outcomes

Title
Writing

Tags
206591, 3

Learning Outcome
Write well for an educated, non-specialized audience using the creative non-fiction essay genre effectively.

Title
Great Questions

Tags
206592, 1

Learning Outcome
Identify, conduct independent research on, and respond intelligently to a great question.

Title
Interdisciplinary Thinking

Tags
206617, 2

Learning Outcome
Apply an interdisciplinary approach using empirical, behavioral, and interpretive perspectives to demonstrate how different disciplinary fields can work together in unexpected ways to respond to a great question.

HONRS 390R - Leadership Practicum

Course Information

Teaching Area (new)
HONRS

Course Number
390R

Teaching Area
HONRS

Course Title
Leadership Practicum

Course Description
Substantive leadership experience through approved interdisciplinary projects, programs, internships, or partnerships with the Honors Program. Projects provide opportunities for practical application of leadership principles, theory, and skills learned in the Honors Foundations of Interdisciplinary Leadership course.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HONRS 120 - Intro to Interdisciplinary Thinking
  AND HONRS 310 - Foundations of Interdisciplinary Leadership

Learning Outcomes

Title
Organizational Leadership

Tags
206556, 0, 1, 2021-07-28 10:29:23

Learning Outcome
Demonstrate the application of basic leadership principles in creating and managing an interdisciplinary team.

Title
Interpersonal Leadership

Tags
211095, 0, 2

Learning Outcome
Demonstrate the use of leadership strategies to motivate, manage conflict, and build concensus in an interdisciplinary team.

Title
Personal Leadership

Tags
206557, 0, 3, 2021-07-28 10:29:23

Learning Outcome
Explain in writing how self-awareness of their own leadership strengths and weaknesses benefited their project.

HONRS 391R - Student Leadership Council

Course Information

Teaching Area (new)
HONRS

Course Number
391R

Teaching Area
HONRS

Course Title
Student Leadership Council

Course Description
Course for students selected to the Honors Student Leadership Council. Members of HSLC advance the Honors Program's Mission through activities, events, marketing, and other program initiatives to cultivate an Honors community of scholars. The council works closely with Honors Program administration and an advisor to provide student input to the program, facilitate outreach, and engage peers in both academic and social pursuits. Members of HSLC obtain hands-on leadership experience as representatives of the Honors student community.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Application required.

Recommended
HONRS 120 and at least one Honors Unexpected Connections course

Learning Outcomes

Title
Strengthen Honors Community

Tags
206562, 0, 1, 2021-07-28 10:34:30

Learning Outcome
Plan and facilitate social and educational activities for members of the Honors community that build friendship, leadership, and learning across the campus.

Title
Interpersonal Leadership

Tags
211097, 0, 4

Learning Outcome
Demonstrate the use of leadership strategies to motivate, manage conflict, and build concensus in an interdisciplinary team.

Title
Personal Leadership

Tags
211098, 0, 5

Learning Outcome
Explain in writing how self-awareness of their own leadership strengths and weaknesses benefited projects, events, and committee work.

Title
Organizational Leadership

Tags
211096, 0, 3

Learning Outcome
Demonstrate the application of basic leadership principles in managing an interdisciplinary team.

HONRS 395R - Special Topics

Course Information

Teaching Area (new)
HONRS

Course Number
395R

Teaching Area
HONRS

Course Title
Special Topics

Course Description
For upper-level students on approved special topics supervised under the Honors Program. Topics vary.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing

Tags
206564, 2

Learning Outcome
Students will be able to write on the course topic with appropriate conventions, use of evidence, and level of analysis and argumentation.

Title
Specialized knowledge and skills

Tags
206565, 1

Learning Outcome
Students will develop the particular knowledge, understanding, and skills associated with the specialized focus of the course. Topics vary.

HONRS 499R - Honors Thesis

Course Information

Teaching Area (new)
HONRS

Course Number
499R

Teaching Area
HONRS

Course Title
Honors Thesis

Course Description
Advanced research and writing on an approved honors thesis topic.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Requires approved Honors Thesis proposal

Learning Outcomes

Title
Independent Research

Tags
206618, 2

Learning Outcome
Apply skills of inquiry and analysis to conduct independent, original research on a discipline specific topic or question.

Title
Writing and Communication

Tags
206619, 3

Learning Outcome
Write and successfully defend a publishable thesis in the student's chosen discipline.

HRM 300 - Organizational Behavior

Course Information

Teaching Area (new)
HRM

Course Number
300

Teaching Area
HRM

Course Title
Organizational Behavior

Course Description
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.

Department
Management

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Recommended
For business minors

Note
NOTE: For Business and Leadership minors and those who do not plan to major in business. Business majors are required to complete MSB 391; consult with the Business Advisement Center. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effective Organizations

Tags
176278, 2

Learning Outcome
Understand the characteristics of an effective organization and how to create them.

Title
Employee Motivation

Tags
176328, 3

Learning Outcome
Know how to accomplish an organization's goals through the motivation of employees.

Title
Productive Work Environment

Tags
176329, 4

Learning Outcome
Understand how to create a productive work environment.

Title
Processes Leading to Long Term Effectiveness

Tags
176330, 5

Learning Outcome
Comprehend the key processes leading to long term organizational effectiveness including understanding organizationa politics, culture, and how to manage organizational change.

HRM 326 - Career Development

Course Information

Teaching Area (new)
HRM

Course Number
326

Teaching Area
HRM

Course Title
Career Development

Course Description
Introduction to resources, services, and opportunities for career development. Students will develop a career plan that extends past their first job, refine interviewing and networking skills, and learn from a variety of accomplished HRM professionals.

Department
Management

When Taught
Fall

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
For Human Resource Management majors only.

Learning Outcomes

Title
Strengthen Gospel Roots

Learning Outcome
Draw nearer to Jesus Christ and apply His Gospel principles to become better business professionals and HR leaders.

Title
Manage Personal Professional Brand

Learning Outcome
Clarify your professional brand and learn strategies for enhancing the power and awareness of your brand.

Title
Represent Yourself through Job Market Materials

Learning Outcome
Develop your resume and LinkedIn profile to best reflect your brand and career aspirations.

Title
Develop and Manage Professional Network

Learning Outcome
Learn how to network effectively (including with the features of LinkedIn) and how to benefit from a mentoring network.

Title
Develop Close Early Professional Ties

Learning Outcome
Expand your network of HR and consulting leaders and strengthen relationships within your HRM cohort.

Title
Develop an Early Career Plan

Learning Outcome
Create a 3-year AB Career Plan so that you will always have at least two viable career paths as options in your professional career decisions.

HRM 380 - Human Resource Management Executive Lecture Series

Course Information

Teaching Area (new)
HRM

Course Number
380

Teaching Area
HRM

Course Title
Human Resource Management Executive Lecture Series

Course Description
Human resource executive guest lecture series. Students will gain exposure to human resource management (HRM) professionals and learn more about the challenges and opportunities that HRM careers provide.

Department
Management

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

HRM 391 - Organizational Effectiveness

Course Information

Teaching Area (new)
HRM

Course Number
391

Teaching Area
HRM

Course Title
Organizational Effectiveness

Course Description
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.

Department
Management

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only. (HRM majors complete HRM 401.)

Learning Outcomes

Title
Effective Organizations

Tags
175812, 0

Learning Outcome
Create an effective organization, attract and train an effective workforce, motivate employees to accomplish the organization's goals, and create a productive work environment.

Title
Team Work

Tags
175813, 1

Learning Outcome
Work effectively in a team.

Title
Change Management

Tags
175814, 2

Learning Outcome
Manage change effectively.

HRM 401 - Organizational Effectiveness

Course Information

Teaching Area (new)
HRM

Course Number
401

Teaching Area
HRM

Course Title
Organizational Effectiveness

Course Description
Theories and concepts for creating effective organizations, e.g., individual, group, and organizational processes and human resource functions, including selection, compensation, and performance management.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Human Resource Management students only.

HRM 402 - Human Resource Management

Course Information

Teaching Area (new)
HRM

Course Number
402

Teaching Area
HRM

Course Title
Human Resource Management

Course Description
Functions of human resource management: employee selection, wage and salary administration, training and development, employee relations, and human resource planning.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Students intending to apply to the Human Resource Management major should plan to take this course in a required, designated Winter envelope in their first year of the program. Admitted students in other business majors may register for any non-enveloped section. Students majoring outside the business school may request an add code for a non-enveloped section by visiting 460 TNRB or emailing msb_advisement@byu.edu. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

Learning Outcomes

Title
Purpose of HRM

Tags
175815, 0

Learning Outcome
Understand the purpose, roles, frameworks, and activities of HRM within various types of organizations.

Title
Recruitment Strategy

Tags
175816, 1

Learning Outcome
Use the strategies and methods of effective recruitment, selection, and retention.

Title
Performance Management

Tags
175817, 2

Learning Outcome
Demonstrate a working knowledge of performance management--its primary purposes, criteria, approaches, advantages and disadvantages, issues, and assessment.

HRM 411 - Organizational Development and Change

Course Information

Teaching Area (new)
HRM

Course Number
411

Teaching Area
HRM

Course Title
Organizational Development and Change

Course Description
Macro topics in organizational behavior, including organizational structure, culture, design, change management, strategic implementation, and HR training and development.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Complete STAT 121 prerequisite prior to enrollment

Type
Prerequisite

Complete STAT 121 prerequisite prior to enrollment

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Remembering

Tags
176293, 0

Learning Outcome
Effectively apply change concepts and theories.

Title
Justifying and Communicating Learning

Tags
176335, 2

Learning Outcome
Integrate consulting information and apply OD concepts and methodology to various organization problems.

Title
Organizational Application

Tags
176336, 3

Learning Outcome
Apply core principles of OD to design a consulting strategy with an organization in need of change.

Title
Summarizing

Tags
176337, 1

Learning Outcome
Articulate, evaluate, synthesize, and communicate various OD concepts, tools and methods.

HRM 412 - Compensation, Benefits, and Performance Management

Course Information

Teaching Area (new)
HRM

Course Number
412

Teaching Area
HRM

Course Title
Compensation, Benefits, and Performance Management

Course Description
Wage and salary administration, incentives, employee benefits, grievance and discipline systems, performance appraisal.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
HRM 402 (or Org B 327) or instructor's consent.

Learning Outcomes

Title
Job Evaluation

Tags
175799, 0

Learning Outcome
Use a job evaluation program, such as the point method, to create a wage structure in an organization.

Title
Employee Benefits Programs

Tags
175801, 0

Learning Outcome
Describe the common elements of employee benefits programs and explain how they are administered.

Title
Performance Evaluation

Tags
175807, 0

Learning Outcome
Develop and use a performance appraisal program to evaluate employee performance and describe the strengths and weaknesses of different appraisal methods.

Title
Pay Administration

Tags
175808, 0

Learning Outcome
Administer a pay system, such as calculating take-home and overtime pay, creating executive compensation packages, and adjusting pay levels for inflation.

Title
Wage Level Decisions

Tags
175809, 0

Learning Outcome
Determine wage levels and use wage surveys to assign fair wage rates.

Title
Financial Incentives

Tags
175810, 0

Learning Outcome
Use financial incentives to motivate employees through such programs as merit pay, individual or group bonuses, piece-rate incentives, commissions, bonuses, and profit sharing plans.

HRM 421 - HRM Implementation

Course Information

Teaching Area (new)
HRM

Course Number
421

Teaching Area
HRM

Course Title
HRM Implementation

Course Description
Integrative course on human resource management strategy formulation and implementation, including a field study. Topics include organizational alignment (HR structure and processes that fit the strategic goals of the organization), change management, and strategic leadership.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- HRM 402 - Human Resource Management

HRM 425 - Conflict Management

Course Information

Course Number
425

Teaching Area
HRM

Course Title
Conflict Management

Course Description
Conflict is inevitable, but opposition can strengthen us. This course explores conflict management through psychology, management theories, and scripture, teaching how to resolve issues while preserving relationships and becoming peacemakers in every aspect of life.

Department
Management

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Fee
Students will be expected to pay a fee that covers some of the exercises and cases that will be used in class

Learning Outcomes

Title
Recognize and Understand Conflict

Learning Outcome
Dissect a conflict itself to understand its nature, who is involved, and if resolution should be pursued

Title
Develop Conflict Management Strategies

Learning Outcome
Deploy a useful decision-tree model that helps you identify the most productive conflict management strategy to ensure a successful resolution of the conflict and motivates peace among negotiators

Title
Use Christlike Communication in Conflict

Learning Outcome
Communicate in a manner that builds on the Christ-centered leader model and specifically allows for the opportunity to express love, honor a counterpart's agency, and invite accountability

Title
Demonstrate Confidence in Conflict Situations

Learning Outcome
Gain confidence in conflict management skills through assessment of others' conflict resolution strategies in class, historical negotiations, and conflicts in scriptural materials

HRM 430 - Managing Belonging & Inclusion

Course Information

Course Number
430

Teaching Area
HRM

Course Title
Managing Belonging & Inclusion

Course Description
Learn best practices for creating and managing a diverse and inclusive workforce, including tactics organizations may take to manage belonging and inclusion and steps individuals may take to create more inclusive environments and relationships.

Department
Management

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Completion Requirement

Complete ANY of the following Courses:
- HRM 391 - Organizational Effectiveness
- HRM 401 - Organizational Effectiveness

Learning Outcomes

Title
Current Perspectives

Tags
213899, 0, 1, 2023-08-29 09:33:07

Learning Outcome
Describe current perspectives on belonging and inclusion in organizations

Title
Personal Identity

Tags
213900, 0, 2, 2023-08-29 09:33:09

Learning Outcome
Evaluate the aspects of personal identity and experiences that affect how a person interacts and engages with others in the workplace

Title
Workplace Relationships

Tags
213901, 0, 3, 2023-08-29 09:33:10

Learning Outcome
Propose ways to create and encourage workplace relationships across individual differences

Title
Individual Differences

Tags
213902, 0, 4, 2023-08-29 09:33:12

Learning Outcome
Identify the effects of individual differences on team dynamics and propose ways to successfully draw on individual differences

Title
Solutions

Tags
213903, 0, 5, 2023-08-29 09:33:13

Learning Outcome
Develop structural and/or cultural solutions to increasing company belonging and inclusion

HRM 490R - Topics in Human Resource Management

Course Information

Teaching Area (new)
HRM

Course Number
490R

Teaching Area
HRM

Course Title
Topics in Human Resource Management

Course Description
Special topics in organizational behavior. Course content varies from year to year.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
By permission only.

HRM 540 - Organizational Effectiveness

Course Information

Teaching Area (new)
HRM

Course Number
540

Teaching Area
HRM

Course Title
Organizational Effectiveness

Course Description
Analysis of individual, group, and organizational variables that inhibit or facilitate effective organizational functioning. Topics include motivation, rewards, leadership, conflict, decision making, structure, evaluation, and change.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MAcc or MISM major status.

Learning Outcomes

Title
Membership and Leadership

Tags
176126, 2

Learning Outcome
Function effectively as a member and leader of a work group.

Title
Person-Organization Fit

Tags
176131, 0

Learning Outcome
Articulate the factors that produce person-organization fit and explain how individual characteristics impact a person's fit with different organizations.

Title
Conflict Management

Tags
176136, 3

Learning Outcome
Manage conflict by using power appropriately and negotiating effectively.

Title
Personal Effectiveness

Tags
176311, 1

Learning Outcome
Understand the behaviors that enhance personal effectiveness in organizations.

Title
Effective Organizational Change

Tags
176312, 4

Learning Outcome
Use the principles of effective organizational change.

HRM 585R - Pre-PhD HRM Seminar

Course Information

Teaching Area (new)
HRM

Course Number
585R

Teaching Area
HRM

Course Title
Pre-PhD HRM Seminar

Course Description
Introduction to academic research in organizational behavior, human resources, leadership, and organization science. Preparation to complete quality peer-reviewed research and enter a PhD program. Core topics include developing research questions, hypothesis development, using the scientific method, performing literature reviews, and theory development. Special topics in management reviewed through in-depth analysis and discussion of peer-reviewed journal articles.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

HUNG 100 - Language Study: Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
100

Teaching Area
HUNG

Course Title
Language Study: Hungarian

Course Description
Survival-level conversation, reading, listening, and culture skills in Hungarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196169, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196170, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196171, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

HUNG 101 - First-Year Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
101

Teaching Area
HUNG

Course Title
First-Year Hungarian

Course Description
Beginning speaking, listening, reading, and writing skills in Hungarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
193255, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193265, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193272, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193281, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

HUNG 102 - First-Year Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
102

Teaching Area
HUNG

Course Title
First-Year Hungarian

Course Description
Second-semester speaking, listening, reading, and writing skills in Hungarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HUNG 101 - First-Year Hungarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193289, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193298, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Culture

Tags
193315, 3

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Writing

Tags
194891, 4

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

HUNG 201 - Second-Year Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
201

Teaching Area
HUNG

Course Title
Second-Year Hungarian

Course Description
Intermediate speaking, listening, reading, and writing skills in Hungarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HUNG 102 - First-Year Hungarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
193332, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193340, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193350, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Title
Vocabulary

Tags
193355, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

HUNG 211R - Second-Year Conversation

Course Information

Teaching Area (new)
HUNG

Course Number
211R

Teaching Area
HUNG

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Hungarian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HUNG 201 - Second-Year Hungarian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193360, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193372, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194892, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

HUNG 305 - Language Skills Development: Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
305

Teaching Area
HUNG

Course Title
Language Skills Development: Hungarian

Course Description
Increasing proficiency in one or more of the following Hungarian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196172, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196173, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196174, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

HUNG 321 - Advanced Grammar: Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
321

Teaching Area
HUNG

Course Title
Advanced Grammar: Hungarian

Course Description
Advance your Hungarian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196175, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196176, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196177, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

HUNG 330 - Cultural History of Hungary

Course Information

Teaching Area (new)
HUNG

Course Number
330

Teaching Area
HUNG

Course Title
Cultural History of Hungary

Course Description
Study of Hungarian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Hung 201 or foreign residence experience

Note
For returned missionaries and others with extensive Hungarian language experience. Required course for obtaining language credit by examination (Hung 101, 102, 201, 211R). Culminating course for Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
191521, 2

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
193093, 3

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
193225, 5

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education

Tags
194904, 7

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

HUNG 340 - Introduction to Literature: Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
340

Teaching Area
HUNG

Course Title
Introduction to Literature: Hungarian

Course Description
Explore Hungarian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196178, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196179, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196180, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196181, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

HUNG 350 - Advanced Language Study for Career Purposes: Hungarian

Course Information

Teaching Area (new)
HUNG

Course Number
350

Teaching Area
HUNG

Course Title
Advanced Language Study for Career Purposes: Hungarian

Course Description
Concentration on Hungarian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- HUNG 330 - Cultural History of Hungary

Learning Outcomes

Title
Defined Career Purposes

Tags
196182, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196183, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196184, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196185, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196186, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

IAS 100 - Introduction to International Studies

Course Information

Teaching Area (new)
IAS

Course Number
100

Teaching Area
IAS

Course Title
Introduction to International Studies

Course Description
Academic expectations in the major and career orientation; review of campus resources; faculty presentations.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Disciplinary Knowledge

Tags
200136, 1

Learning Outcome
Students will enhance their knowledge of the discipline(s) of International and Area Studies.

IAS 201R - Cultural Survey-Africa

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Africa

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200163, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200185, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200186, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-Europe

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Europe

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200155, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200169, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200170, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-Asia

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Asia

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200156, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200171, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200172, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey

Course Description
Multidisciplinary survey of various countries and regions in preparation for extended experience abroad.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Performing group or ISP participant status.

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200104, 0

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.· Recognize one’s cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one’s own culture.

Title
Course Objectives

Tags
200167, 1

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200168, 2

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-Scandinavia

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Scandinavia

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200161, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200181, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200182, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-China

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-China

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200157, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200173, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200174, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-Middle East

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Middle East

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200158, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200175, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200176, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-USSR

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-USSR

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200159, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200177, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200178, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey: Japan

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey: Japan

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Performing group or ISP participant status.

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200165, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200189, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200190, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-England

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-England

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Performing group or ISP participant status

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200162, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200183, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200184, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-South Pacific

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-South Pacific

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200164, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200187, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200188, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 201R - Cultural Survey-Eastern Europe

Course Information

Teaching Area (new)
IAS

Course Number
201R

Teaching Area
IAS

Course Title
Cultural Survey-Eastern Europe

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Prepare the students to go on their international experience

Tags
200160, 1

Learning Outcome
· Demonstrate a basic understanding of the people, worldview, culture (and language, where applicable) of the foreign setting in which the student studies.
· Recognize one's cultural presuppositions and biases through exposure to, and study of, foreign perspectives on one's own culture.

Title
Course Objectives

Tags
200179, 2

Learning Outcome

Prepare a foundation to become competent in understanding, communicating and interacting with the new cultural contexts experienced during time abroad,
Train students to be safe and to be ambassadors of BYU
Help students understand cultural, political and economic history of their host country
Provide a forum for directors to plan with their groups

Title
Practical Information

Tags
200180, 3

Learning Outcome
Students will learn the practical information necessary to succeed in the new cultures they will visit.

IAS 220 - Introduction to Development Studies

Course Information

Teaching Area (new)
IAS

Course Number
220

Teaching Area
IAS

Course Title
Introduction to Development Studies

Course Description
Exploration of international development in non-formal education, micro-enterprises, community organizations; hunger, poverty, and other special problems in developing areas of the world.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Intro to Development Studies

Tags
17017, 0

Learning Outcome
Upon successfully completing this course, a student will be able to recognize the historical origins of international development and the various agendas that it embodies. Upon successfully completing this course, a student will be able to recognize and articulate the complexity of international development issues and their interdisciplinary nature. Upon successfully completing this course, a student will be able to identify major theories and approaches to international development both in general and across different key disciplines. Upon successfully completing this course, a student will be intellectually ready to embark on an International Development Minor Internship.

IAS 221 - Introduction to Africana Studies

Course Information

Teaching Area (new)
IAS

Course Number
221

Teaching Area
IAS

Course Title
Introduction to Africana Studies

Course Description
Introduction to the discipline of Africana Studies, focusing on (1) themes that emerge in this field, such as communities and cultures, race and gender, or the legacies of slavery and colonialism, and (2) methods relevant to the study of those themes.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Area Knowledge

Tags
200138, 1

Learning Outcome
Students will enhance their knowledge of various approaches to understanding and analyzing Africa, its people, and culture.

IAS 300 - Professional Development in International Studies

Course Information

Course Number
300

Teaching Area
IAS

Course Title
Professional Development in International Studies

Course Description
Students explore professional pathways and receive tailored mentoring towards their professional goals. Exercises help students design models of who they want to become personally and professionally. Designed for students in their second or third years at the university.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Recommended
Recommended for students in their second or third year of university studies.

Learning Outcomes

Title
Professional pathways

Tags
213904, 0, 1, 2023-08-29 09:34:00

Learning Outcome
Students will develop an understanding of their preferred professional pathways as well as make a 5-year plan to pursue their professional interests.

Title
Professional planning

Tags
213905, 0, 2, 2023-08-29 09:34:02

Learning Outcome
Students understand how to craft a customized professional plan for the next five years based on their strengths, values, and preferences

Title
Professional skills

Tags
213906, 0, 3, 2023-08-29 09:34:03

Learning Outcome
Students understand how to create professional resumes, online profiles, and presentations of their skills.

IAS 301R - Kennedy Center Lecture Series

Course Information

Teaching Area (new)
IAS

Course Number
301R

Teaching Area
IAS

Course Title
Kennedy Center Lecture Series

Course Description
Weekly lectures by noted scholars and practitioners on an important international theme. The theme for this course changes each semester. Designed for students in any major or minor program as a gateway to topics in international studies.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Current Research in International Studies

Tags
207002, 1

Learning Outcome
Students will gain and demonstrate and improved understanding of the latest research in a central issue in international studies, including its political, economic, cultural, and social implications.

Title
Effective Written Communication and Analysis

Tags
207003, 2

Learning Outcome
Studies will write critically and persuasively about the ideas presented in the class lectures.

IAS 302R - Seminar in International Studies

Course Information

Course Number
302R

Teaching Area
IAS

Course Title
Seminar in International Studies

Course Description
This course is a discussion seminar on a topic related to the theme of the Kennedy Center lecture series in the semester in which it is taught.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Critical Reasoning

Tags
213907, 0, 1, 2023-08-29 09:34:09

Learning Outcome
Students will learn critical reasoning, analysis, and discussion on complex topics

Title
Analytical Writing

Tags
213908, 0, 2, 2023-08-29 09:34:11

Learning Outcome
Students will write and receive feedback on analytical essays, strengthening their written communication skills

Title
Global Awareness

Tags
213909, 0, 3, 2023-08-29 09:34:12

Learning Outcome
Students will expand their contemporary and historical understanding of global issues

IAS 351R - Model United Nations Preparation

Course Information

Teaching Area (new)
IAS

Course Number
351R

Teaching Area
IAS

Course Title
Model United Nations Preparation

Course Description
Preparation for participating in MUN projects, on campus, in public schools, and at the United Nations in New York.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
MUN Preparation: Understand the framework for multilateral diplomacy

Learning Outcome
Students will demonstrate understanding of the process and politics of international organizations

Title
MUN Preparation: Explore the rationale for diplomacy

Learning Outcome
Students will understand how international law informs diplomacy and relates to international organization.

Title
MUN Preparation: Improve public speaking ability

Learning Outcome
Students will improve oratory ability by learning and demonstrating elements of effective public speaking.

Title
MUN Preparation: Improve policy writing ability

Learning Outcome
Students will demonstrate the ability to write policy papers and resolutions with regular feedback and various opportunities individually, in small groups and in large simulations.

Title
MUN Preparation: Improve research ability

Learning Outcome
Students will demonstrate effective research skills while learning about country policies and international topics in greater depth.

Title
MUN Preparation: Develop parliamentary procedure skills

Learning Outcome
Students will learn and effectively use beginning and intermediate parliamentary procedure in group settings.

Title
MUN Preparation: Expand leadership capacity

Learning Outcome
Students will explore the dynamics of leadership, including motivation, decision making, and group dynamics and will begin to demonstrate leadership abilities, especially in simulations/case study/small group activities.

IAS 353R - Intercultural Outreach Preparation

Course Information

Teaching Area (new)
IAS

Course Number
353R

Teaching Area
IAS

Course Title
Intercultural Outreach Preparation

Course Description
Developing abilities to prepare and share international understanding in public and private schools.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Intercultural Outreach

Tags
200123, 0

Learning Outcome
Activelyreflect on your own cultural values, practices, and traditions and develop an articulated sense of respect for themStudy, understand, and negotiate the central role cultural values—your own and others’—play in all human interactionsDevelop a personal framework for effective intercultural participationProbe commonly held views of culture and intercultural competenceDevelop a pedagogical approach for fostering transformative cultural contact situations and for creating “third zones”, as negotiated and productive areas of intercultural workCreate written and oral forms of intercultural outreachBecome an active agent for intercultural responsibility and competence

Title
Intercultural Outreach

Tags
200119, 0

Learning Outcome
Activelyreflect on your own cultural values, practices, and traditions and develop an articulated sense of respect for themStudy, understand, and negotiate the central role cultural values—your own and others’—play in all human interactionsDevelop a personal framework for effective intercultural participationProbe commonly held views of culture and intercultural competenceDevelop a pedagogical approach for fostering transformative cultural contact situations and for creating “third zones”, as negotiated and productive areas of intercultural workCreate written and oral forms of intercultural outreachBecome an active agent for intercultural responsibility and competence

IAS 354R - Model Arab League Preparation

Course Information

Teaching Area (new)
IAS

Course Number
354R

Teaching Area
IAS

Course Title
Model Arab League Preparation

Course Description
Understanding Middle Eastern governments and foreign policies. Preparation and attendance at the Model Arab League Conference.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Area Knowledge

Tags
200139, 1

Learning Outcome
Students will enhance their knowledge of both the assigned country and the larger context in which the Arab League functions.

IAS 355R - Model Organization of American States

Course Information

Course Number
355R

Teaching Area
IAS

Course Title
Model Organization of American States

Course Description
Understanding governments and foreign policies of Latin American States. Preparation and attendance at the Model Organization of American State conference.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Registration for this course is by coordinator permission only.

IAS 360R - International Field Study Preparation

Course Information

Teaching Area (new)
IAS

Course Number
360R

Teaching Area
IAS

Course Title
International Field Study Preparation

Course Description
Cross-cultural field research and survival with a regional emphasis and application.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
9

Lab Hours

Fixed:
0

Note
For students preparing for International Field Studies and Internships or Study Abroad programs.

Learning Outcomes

Title
Field Studies Preparation

Tags
200116, 0

Learning Outcome
1. Improve your ability to ask analytical and insightful questions as relates to your experience and express yourself more clearly in writing.2. Develop cross-cultural skills for entering and navigating a new culture and developing new meaningful relationships with people from often very different backgrounds than you.3. Further develop a working knowledge of field methods and project design, and develop a clearly written and implementable plan for your field study.4. Develop a basic understanding of research ethics and the IRB process.5. Collaborate and learn from others in the BYU Field Studies community.6. Create realistic expectations of yourself and your academic experience abroad.

IAS 369R - International Internship Preparation

Course Information

Teaching Area (new)
IAS

Course Number
369R

Teaching Area
IAS

Course Title
International Internship Preparation

Course Description
Orientation on cross-cultural communication, globalization, interfacing with internship providers, culture shock, international safety/health, and BYU policies abroad.

Department
International and Area Studies

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
For students preparing to participate in an internship, field practicum, or experiential learning experience abroad.

IAS 380R - Cultural Proofs

Course Information

Teaching Area (new)
IAS

Course Number
380R

Teaching Area
IAS

Course Title
Cultural Proofs

Course Description
Independent research on cultural topics and intercultural communication.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
For students studying abroad.

Learning Outcomes

Title
Research Skills

Tags
200110, 2

Learning Outcome
Through participation in the cultural proofs exercises, each student will become familiar with basic field study research skills and practices

Title
Factual Knowledge

Tags
200120, 0

Learning Outcome
Gain knowledge from close observation of cultural traditions and practices

Title
Critical Thinking and Effective Writing

Tags
200121, 1

Learning Outcome
Each student will develop in these areas through careful analysis of cultural traditions and practices and the production of field notes and a reflective written summary

IAS 397R - Topics in International and Area Studies

Course Information

Teaching Area (new)
IAS

Course Number
397R

Teaching Area
IAS

Course Title
Topics in International and Area Studies

Course Description
Study relating to current world problems.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Factual Knowledge

Tags
200108, 0

Learning Outcome
Students will gain knowledge through advanced study in focused area of IAS

Title
Critical Thinking and Effective Writing

Tags
200118, 1

Learning Outcome
The student will develop these skills by producing a well-reasoned and well-written research paper

Title
Research Skills

Tags
200124, 2

Learning Outcome
Develop techniques of advanced research appropriate to the study

Title
Critical Thinking and Effective Writing

Tags
200149, 1

Learning Outcome
The student will develop these skills by producing a well-reasoned and well-written research paper

Title
Research Skills

Tags
200150, 2

Learning Outcome
Develop techniques of advanced research appropriate to the study

Title
Factual Knowledge

Tags
200151, 3

Learning Outcome
Students will gain knowledge through advanced study in focused area of IAS

Title
Critical Thinking and Effective Writing

Tags
200152, 1

Learning Outcome
The student will develop these skills by producing a well-reasoned and well-written research paper

Title
Research Skills

Tags
200153, 2

Learning Outcome
Develop techniques of advanced research appropriate to the study

Title
Factual Knowledge

Tags
200154, 3

Learning Outcome
Students will gain knowledge through advanced study in focused area of IAS

IAS 399R - International and Area Studies Academic Internship

Course Information

Teaching Area (new)
IAS

Course Number
399R

Teaching Area
IAS

Course Title
International and Area Studies Academic Internship

Course Description
Individualized work or volunteer experience in an international setting or with an international focus.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Acceptance into program

Note
An APPROVED Internship Application is required before adding. International experiences must be coordinated through the International Study Programs office. Domestic experiences must be coordinated through the Domestic Internship Coordinator in the Kennedy Center Advisement Office.

Learning Outcomes

Title
Academic Internship

Tags
17015, 0

Learning Outcome
· Apply skills and material learned in traditional courses to a real-world workplace environment.· Demonstrate proficiency in the skills required by the internship supervisor.· Demonstrate an ability to link insights gained from traditional classes and from real-world workplace experiences.

IAS 421 - Seminar on Japanese Workplace: Society and Culture

Course Information

Teaching Area (new)
IAS

Course Number
421

Teaching Area
IAS

Course Title
Seminar on Japanese Workplace: Society and Culture

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Note
Required seminar for interns in the Japan seminar and intern program held only in Japan.

Learning Outcomes

Title
Area Knowledge

Tags
200140, 1

Learning Outcome
Students will deepen their understanding of Japanese workplace, society, and culture.

IAS 491 - Directed Research for African Studies Minor

Course Information

Teaching Area (new)
IAS

Course Number
491

Teaching Area
IAS

Course Title
Directed Research for African Studies Minor

Course Description
Directed research project (library and/or on-site experience) related to African studies or the African diaspora. Must be supervised by faculty with extensive in-field experience in Africa and African Studies.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
0

Other Prerequisites
Enrollment in the African Studies minor.

Note
Students may adapt their research project to their individual major requirements with the approval of their major department.

Learning Outcomes

Title
Area Knowledge

Tags
200141, 1

Learning Outcome
Student will enhance their knowledge of a specific selected topic in African Studies.

IB 100 - IB Credit

Course Information

Teaching Area (new)
IB

Course Number
100

Teaching Area
IB

Course Title
IB Credit

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

ICLND 101 - First-Year Icelandic

Course Information

Teaching Area (new)
ICLND

Course Number
101

Teaching Area
ICLND

Course Title
First-Year Icelandic

Course Description
Basic language skills.

Department
Language Studies

When Taught
Fall Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Writing

Tags
190283, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Icelandic on familiar topics.

Title
Speaking

Tags
190345, 1

Learning Outcome
Students will be able to speak Icelandic well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

Title
Comprehension

Tags
190424, 0

Learning Outcome
Students will comprehend Icelandic as they hear and read authentic language relating to familiar topics.

Title
Culture

Tags
190444, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Icelandic-speaking countries.

Title
Language Learning Strategies

Tags
190448, 3

Learning Outcome
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

ICLND 102 - First-Year Icelandic

Course Information

Teaching Area (new)
ICLND

Course Number
102

Teaching Area
ICLND

Course Title
First-Year Icelandic

Course Description
Basic language skills.

Department
Language Studies

When Taught
Winter Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
190236, 0

Learning Outcome
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar topics.

Title
Language Learning Strategies

Tags
190415, 3

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Culture

Tags
190481, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Icelandic-speaking countries.

Title
Speaking

Tags
190571, 1

Learning Outcome
Students will be able to speak Icelandic well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

Title
Writing

Tags
190574, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Icelandic on familiar topics.

ICLND 201 - Second-Year Icelandic

Course Information

Teaching Area (new)
ICLND

Course Number
201

Teaching Area
ICLND

Course Title
Second-Year Icelandic

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing writing.

Department
Language Studies

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Iclnd 102 or equivalent experience

Learning Outcomes

Title
Speaking and Writing

Tags
190352, 1

Learning Outcome
Students will be able to speak and write Icelandic well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

Title
Comprehension

Tags
190410, 0

Learning Outcome
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

Title
Opinions

Tags
190467, 3

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

Title
Conversation

Tags
190526, 2

Learning Outcome
Students will be able to participate actively in conversations about Icelandic-speaking countries, concrete topics, and current events.

ICLND 202 - Second-Year Icelandic

Course Information

Teaching Area (new)
ICLND

Course Number
202

Teaching Area
ICLND

Course Title
Second-Year Icelandic

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Literature and Cultural History

Tags
190397, 1

Learning Outcome
Students will be able to identify and define key characteristics of the important moments in Icelandic cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

Title
Icelandic Culture

Tags
190445, 7

Learning Outcome
Students will broaden and deepen their perception and appreciation of Icelandic culture.

Title
Comprehension

Tags
190449, 3

Learning Outcome
Students will be able to comprehend Icelandic as they hear and read authentic language relating to familiar and less familiar topics.

Title
Speaking and Writing

Tags
191540, 5

Learning Outcome
Students will improve their reading and writing skills in Icelandic by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

ICLND 211R - Second-Year Conversation

Course Information

Teaching Area (new)
ICLND

Course Number
211R

Teaching Area
ICLND

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Iclnd 102 or equivalent experience

Learning Outcomes

Title
Vocabulary

Tags
190273, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Fluency

Tags
190370, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Opinions

Tags
190514, 1

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

Title
Description and Narration

Tags
190565, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

ICLND 311R - Third-Year Conversation

Course Information

Teaching Area (new)
ICLND

Course Number
311R

Teaching Area
ICLND

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Iclnd 211R or equivalent experience

Learning Outcomes

Title
Opinions

Tags
190408, 1

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

Title
Pronunciation

Tags
190434, 4

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Title
Description and Narration

Tags
190466, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

Title
Fluency

Tags
190500, 2

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

Title
Vocabulary

Tags
190570, 3

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

ICLND 399R - Academic Internship

Course Information

Teaching Area (new)
ICLND

Course Number
399R

Teaching Area
ICLND

Course Title
Academic Internship

Course Description
On-the-job experience in Icelandic.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department's consent

Learning Outcomes

Title
Professional Experience

Tags
190630, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

ICLND 429 - Old Icelandic Language and Literature

Course Information

Teaching Area (new)
ICLND

Course Number
429

Teaching Area
ICLND

Course Title
Old Icelandic Language and Literature

Course Description
Readings and exercises in Old Icelandic; introduction to Old Icelandic literature and its influence on later Icelandic culture.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Iclnd 201 or equivalent experience

Note
Returned missionaries from Iceland or those with equivalent experience should enroll in ICLND 202.

Learning Outcomes

Title
Linguistic Skills

Tags
190035, 4

Learning Outcome
Students will build upon their previous knowledge of Icelandic (whether as a missionary or through Icelandic 202) by strengthening their understanding of its complex grammar. Students will also develop a clear understanding of the morphological, phonological, syntactic, and semantic differences between Old and Modern Icelandic.

Title
Reading and Analytic Skills

Tags
190420, 1

Learning Outcome
Students will develop the capacity to read and understand Old Icelandic texts with considerable facility and develop an appreciation for the richness and variety of Old Icelandic literature through close readings from a variety of sagas and poetry.

ICS 290R - International Cinema

Course Information

Teaching Area (new)
ICS

Course Number
290R

Teaching Area
ICS

Course Title
International Cinema

Course Description
Students will view significant films and discuss them in a seminar setting in order to increase cultural awareness, enrich language acquisition, enhance critical analysis abilities, and develop understanding of cinematic art.

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
4

ICS 390 - Film and Media Theory

Course Information

Teaching Area (new)
ICS

Course Number
390

Teaching Area
ICS

Course Title
Film and Media Theory

Course Description
Studying historical and contemporary film and media theory and applying it to the analysis of film and other visual media.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

ICS 490R - Seminar in International Cinema Studies

Course Information

Teaching Area (new)
ICS

Course Number
490R

Teaching Area
ICS

Course Title
Seminar in International Cinema Studies

Course Description
Study of the history and analysis of cinema and media arts at an advanced level.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

ICS 491 - International Cinema Studies Capstone

Course Information

Teaching Area (new)
ICS

Course Number
491

Teaching Area
ICS

Course Title
International Cinema Studies Capstone

Course Description
Producing a final portfolio and project by International Cinema Studies minors.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ICS 390 - Film and Media Theory

Learning Outcomes

Title
Synthesis

Tags
199869, 1

Learning Outcome
Students will demonstrate an advanced level of knowledge that reflects the culmination of work done throughout their program coursework.

IHUM 101 - An Introduction to the Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
101

Teaching Area
IHUM

Course Title
An Introduction to the Humanities

Course Description
Study of the arts emphasizing forms and relationships, the development of critical skills, and an awareness of traditional humanistic values.

Department
Comparative Arts and Letters

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
European and American cultural history

Tags
190228, 0

Learning Outcome
Demonstrate basic knowledge of European and American cultural history.

Title
Artistic Production, Methodologies and Techniques

Tags
190301, 1

Learning Outcome
Demonstrate basic knowledge of methods, techniques, and approaches used in the production of artistic artifacts

Title
Artistic Production, Methodologies and Techniques

Tags
190323, 0

Learning Outcome
Demonstrate basic knowledge of methods, techniques, and approaches used in the production of artistic artifacts

Title
European and American cultural history

Tags
190356, 0

Learning Outcome
Demonstrate basic knowledge of European and American cultural history.

Title
Critical Thinking and Writing

Tags
190421, 2

Learning Outcome
Demonstrate ability to analyze a cultural artifact, using terminology appropriate to the art form being studied, and evaluate its effectiveness as an expression of cultural values

Title
Critical Thinking and Writing

Tags
190423, 0

Learning Outcome
Demonstrate ability to analyze a cultural artifact, using terminology appropriate to the art form being studied, and evaluate its effectiveness as an expression of cultural values

IHUM 201 - Western Humanities 1: Antiquity to Renaissance

Course Information

Teaching Area (new)
IHUM

Course Number
201

Teaching Area
IHUM

Course Title
Western Humanities 1: Antiquity to Renaissance

Course Description
Western civilization from Greek antiquity to Renaissance from perspective of traditional humanistic values reflected in its arts and ideas. Examines fundamental questions about human experience, formative events in history, and value of important literary and artistic texts.

Department
Comparative Arts and Letters

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Events

Tags
190375, 0

Learning Outcome
Demonstrate factual knowledge of major Western European historical events from approximately 1200 BCE to the late Renaissance.

Title
Communication Skills

Tags
190248, 4

Learning Outcome
Improve communication skills through short writing assignments that require higher order thinking skills to connect cultural values discussed in class with daily experiences and evaluate their relevance to modern life.

Title
Analysis

Tags
190287, 3

Learning Outcome
Analyze the basic components of a literary work, a painting, or a building through the correct use of appropriate terminology and evaluative models

Title
Ideology vs. Artifacts

Tags
190492, 2

Learning Outcome
Explain the connections between dominant Western ideologies and cultural artifacts produced from approximately 1200 BCE to the late Renaissance.

Title
Figures and Movements

Tags
190512, 1

Learning Outcome
Demonstrate factual knowledge of major Western European figures and movements in philosophy, science, literature, art, architecture, and music from approximately 1200 BCE to the late Renaissance.

IHUM 202 - Western Humanities 2: Renaissance to the Present

Course Information

Teaching Area (new)
IHUM

Course Number
202

Teaching Area
IHUM

Course Title
Western Humanities 2: Renaissance to the Present

Course Description
Western civilization from Renaissance to present from perspective of traditional humanistic values reflected in its arts and ideas. Examines fundamental questions about human experience, formative events in history, and value of important literary and artistic texts.

Department
Comparative Arts and Letters

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Figures and Movements

Tags
190350, 1

Learning Outcome
Demonstrate factual knowledge of major Western European figures and movements in philosophy, science, literature, art, architecture, and music from approximately 1515 AD/CE to the modern period.

Title
Communication Skills

Tags
190368, 4

Learning Outcome
Construct cogent, lucid, and persuasive arguments in essays and short papers combining formal analysis of cultural artifacts with critical evaluation of the Western ideologies that helped produce them.

Title
Analysis

Tags
190416, 3

Learning Outcome
Analyze the basic components of a literary work, a painting, or a building through the correct use of appropriate terminology and evaluative models.

Title
Ideologies vs. Artifacts

Tags
190355, 2

Learning Outcome
Explain the connections between dominant Western ideologies and cultural artifacts produced from approximately 1515 AD/CE to the modern period

Title
Historical Events

Tags
190441, 0

Learning Outcome
Demonstrate factual knowledge of major Western European historical events from approximately 1515 AD/CE to the modern period.

Title
Writing

Tags
190568, 4

Learning Outcome
Construct cogent, lucid, and persuasive arguments in essays and short papers combining formal analysis of cultural artifacts with critical evaluation of the Western ideologies that helped produce them

IHUM 241 - Humanities of East Asia

Course Information

Teaching Area (new)
IHUM

Course Number
241

Teaching Area
IHUM

Course Title
Humanities of East Asia

Course Description
This course will introduce students to the humanities of Japan, China, and Korea, paying particular attention to the way visual art, architecture, ritual, film, literature, and other forms shed light on the religious traditions shared by these traditions.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IHUM 242 - Introduction to the Humanities of the Islamic World

Course Information

Teaching Area (new)
IHUM

Course Number
242

Teaching Area
IHUM

Course Title
Introduction to the Humanities of the Islamic World

Course Description
Major arts of Islamic cultures in their historical, religious, and philosophical settings.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze Islamic Humanities

Tags
189363, 1

Learning Outcome
Analyze, using appropriate terminology and evaluative models, the key components of Islamic humanities.

Title
Non-Western Cultural Understanding

Tags
190252, 2

Learning Outcome
Demonstrate basic understanding of at least one culture in addition to North American and European cultures

Title
Patterns and Parallels in World Religions

Tags
190505, 0

Learning Outcome
To observe patterns and parallels that exist in all world religions in an effort to assess how religious beliefs and practices give meaning to people's lives everywhere

Title
Aesthetic/Intellectual Contributions of the Islamic World

Tags
190561, 3

Learning Outcome
to acquire a basic understanding and appreciation of the history, beliefs, practices, and aesthetic/intellectual contributions of the Islamic world in order to allow students to discuss Islam with accuracy and respect. It should be the aim of the student of comparative religion to explain another religious tradition sympathetically and intelligently so that an adherent of that faith would recognize that explanation as authentic and acceptable

Title
Comparative Religion

Tags
190567, 1

Learning Outcome
To gain a deeper awareness of one’s own religious tradition through a comparative (not competitive!) approach to the study of humanities and religion

IHUM 243 - Introduction to the Humanities of South Asia

Course Information

Teaching Area (new)
IHUM

Course Number
243

Teaching Area
IHUM

Course Title
Introduction to the Humanities of South Asia

Course Description
Ancient South Asia, the coming of Islam, the British Raj, and the modern arts of South Asia. Exposure to 1) basic philosophical and religious ideas that have shaped South Asian cultures, and 2) important works of art, literature, music, theater, and cinema produced by those cultures.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IHUM 244 - Humanities of Africa

Course Information

Teaching Area (new)
IHUM

Course Number
244

Teaching Area
IHUM

Course Title
Humanities of Africa

Course Description
Major arts of African cultures in their historical, religious, and philosophical settings.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IHUM 250 - Introduction to Interdisciplinary Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
250

Teaching Area
IHUM

Course Title
Introduction to Interdisciplinary Humanities

Course Description
Major literary, artistic, and musical forms and their use in the interdisciplinary study of aesthetics and culture and intellectual history. May include International Cinema.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
Artifact Production Methodologies and Techniques

Tags
190336, 3

Learning Outcome
Broaden and deepen your knowledge of methods, techniques, and approaches used in the production of artistic artifacts

Title
Writing Exercises

Tags
190340, 4

Learning Outcome
Improve your writing skills through directed exercises

Title
Individual Counseling

Tags
190392, 2

Learning Outcome
Receive individualized counseling and direction for your Interdisciplinary Humanities major

Title
Critical Thinking and Analysis

Tags
190443, 0

Learning Outcome
Sharpen your analytical and critical thinking skills

Title
Vocabulary and Technical Terminology

Tags
190539, 1

Learning Outcome
Master vocabulary and technical terms used in the analysis of a variety of artistic artifacts

Title
Close Reading Skills

Tags
190564, 5

Learning Outcome
Learn and practice close reading skills for various disciplines in the humanities

IHUM 260 - Humanities of Latin America

Course Information

Teaching Area (new)
IHUM

Course Number
260

Teaching Area
IHUM

Course Title
Humanities of Latin America

Course Description
Achievements of Latin American culture regarding art, philosophy, literature, and music from the pre-Columbian era to the present.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
190234, 0

Learning Outcome
Learn to think, speak, and write critically about literature (poetry, essay, short story, novel), painting, film, and music and to provide thoughtful and insightful interpretations of major works

Title
Non-Western Culture

Tags
190242, 4

Learning Outcome
Demonstrate basic understanding of at least one culture in addition to North American and European cultures

Title
Latin American Experience in the Arts

Tags
190318, 2

Learning Outcome
Develop an appreciation for the major racial, social, geographical, and historical challenges of Latin American experience as they are reflected thematically and formally in the arts

Title
Cultural Developments in Latin America

Tags
190403, 3

Learning Outcome
Gain a historical understanding of the major cultural developments in modern Latin America and respect for Latin American people and their cultures

Title
Culture and Latin American Identity

Tags
190426, 1

Learning Outcome
Understand the vital role culture plays in formulating and promoting Latin American identity and autonomy and in probing universal questions about human experience

IHUM 261 - Introduction to American Humanities 1: Colonial Era Through 1876

Course Information

Teaching Area (new)
IHUM

Course Number
261

Teaching Area
IHUM

Course Title
Introduction to American Humanities 1: Colonial Era Through 1876

Course Description
Value systems reflected in the arts and ideas of the United States from the colonial era to 1876.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
European and American Cultural History

Tags
190235, 2

Learning Outcome
Demonstrate broad interdisciplinary knowledge of European and American cultural andintellectual history

Title
Scholarly Discourse and Methodology

Tags
190274, 4

Learning Outcome
Engage with current scholarly discourse within the accepted methodology of the fieldconcerned

Title
Figures and Works in American Arts: Pre-Columbian to 1876

Tags
190302, 0

Learning Outcome
Develop a broad familiarity with some of the most significant figures and works in the history of the American arts from Pre-Columbian times to 1876

Title
Lifelong Learning and Service

Tags
190425, 1

Learning Outcome
Commit to a lifetime of learning and service to humanity

Title
Cultural Traditions and Voices: Pre-Columbian to 1876

Tags
190436, 5

Learning Outcome
Develop an appreciation for the rich variety of cultural traditions and voices on display in American history from Pre-Columbian times to 1876

Title
Figures and Works in American Arts: 1876 to Present

Tags
190485, 3

Learning Outcome
Develop a broad familiarity with some of the most significant figures and works in the history of the American arts from 1876 to the present

IHUM 262 - Introduction to American Humanities 2: 1877 to the Present

Course Information

Teaching Area (new)
IHUM

Course Number
262

Teaching Area
IHUM

Course Title
Introduction to American Humanities 2: 1877 to the Present

Course Description
Value systems reflected in the arts and ideas of the United States from 1877 to the present.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Figures and Works in American Arts: 1876 to Present

Tags
190305, 3

Learning Outcome
develop a broad familiarity with some of the most significant figures and works in the history of the American arts from 1876 to the present

Title
Lifelong Learning and Service

Tags
190327, 6

Learning Outcome
commit to a lifetime of learning and service to humanity

Title
American History: 1876 to Present

Tags
190373, 1

Learning Outcome
develop an appreciation for the rich variety of cultural traditions and voices on display in American history from 1876 to the present

Title
European and American History

Tags
190451, 0

Learning Outcome
demonstrate broad interdisciplinary knowledge of European and American cultural andintellectual history

Title
Research Arguments and Methodologies

Tags
190501, 4

Learning Outcome
produce original arguments based on sound research methodology

Title
Scholarly Discourse

Tags
190582, 5

Learning Outcome
engage with current scholarly discourse within the accepted methodology of the fieldconcerned

Title
Critical Thinking, Analysis, and Writing

Tags
190589, 2

Learning Outcome
demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly andpersuasively

IHUM 280R - Sophomore Seminar: Humanities and the Sacred

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar: Humanities and the Sacred

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Writing

Tags
190753, 1

Learning Outcome
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

IHUM 280R - Sophomore Seminar: Humanities and Popular Culture.

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar: Humanities and Popular Culture.

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Writing

Tags
190454, 2

Learning Outcome
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

IHUM 280R - Sophomore Seminar: Humanities and the Environment.

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar: Humanities and the Environment.

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Thinking

Tags
190447, 0

Learning Outcome
Expand critical thinking abilities through activities that stretch the student's abilities in reading, writing, and comprehension

IHUM 280R - Sophomore Seminar: Humanities and Science

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar: Humanities and Science

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Argumentation

Tags
190276, 1

Learning Outcome
Improve the student's ability to develop persuasive arguments in both oral and written forms

IHUM 280R - Sophomore Seminar: Humanities and Law.

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar: Humanities and Law.

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Writing

Tags
190754, 1

Learning Outcome
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

IHUM 280R - Sophomore Seminar in Interdisciplinary Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
280R

Teaching Area
IHUM

Course Title
Sophomore Seminar in Interdisciplinary Humanities

Course Description
Focused topics exploring ethical, moral, and epistemological issues in the study of the humanities.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Writing

Tags
190752, 1

Learning Outcome
Strengthen writing skills through instructor feedback and student response, learning to accept criticism and responding positively to it

IHUM 311 - Advanced Writing in Comparative Arts and Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
311

Teaching Area
IHUM

Course Title
Advanced Writing in Comparative Arts and Humanities

Course Description
Introduction to the language, methods, and purpose of academic argument, oral and written. Core principles behind academic argumentation and its relevance to logical thinking and effective communication.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-Year Writing.

Learning Outcomes

Title
Critical Thinking, Analysis, and Writing

Tags
191043, 1

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

Title
Scholarly Discourse

Tags
191044, 2

Learning Outcome
Demonstrate in written assignments acquaintance with and understanding of scholarly interpretations of cultural artifacts relevant to the course content.

Title
Research Arguments and Methodologies

Tags
191045, 3

Learning Outcome
Produce original arguments based on sound research methodology

IHUM 350 - Interpretation of Literature and the Arts

Course Information

Teaching Area (new)
IHUM

Course Number
350

Teaching Area
IHUM

Course Title
Interpretation of Literature and the Arts

Course Description
Understanding and writing about literature and at least one of the other arts; critical theory.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IHum 201 and 202 and 250. At least two of the remaining historical foundation courses (item 3 under major requirements).

Note
Should be taken junior year.

Learning Outcomes

Title
Humanities Philosophy

Tags
190254, 1

Learning Outcome
Develop a basic understanding of the kinds of philosophical questions that have been and still are important to the study of the humanities

Title
Meaning and Importance

Tags
190296, 2

Learning Outcome
Develop a mature, sophisticated ability to discern meaning and importance in the works we study in the humanities

Title
Literary Interpretation and Theory

Tags
190303, 0

Learning Outcome
Develop the student's basic understanding of theories of interpretation in the humanities that relate to questions of gender, class, and race or ethnicity

IHUM 370 - Contemporary Issues in the Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
370

Teaching Area
IHUM

Course Title
Contemporary Issues in the Humanities

Course Description
Methods and practices of the discipline. Developing and executing research programs. Writing thoughtful, well-informed and sophisticated papers. Introduction to significant and pressing cultural issues such as globalization, media and the arts, memory and history, among others.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IHUM 201 - Western Humanities 1: Antiquity to Renaissance
  AND IHUM 202 - Western Humanities 2: Renaissance to the Present
  AND IHUM 250 - Introduction to Interdisciplinary Humanities

Recommended
Engl 311.

Learning Outcomes

Title
Research and Argumentation

Tags
190272, 2

Learning Outcome
Improve library research and persuasive argumentation skills through focused writing exercises

Title
Analytical Skills

Tags
190464, 1

Learning Outcome
Improve the ability to discern meaning and importance in cultural artifacts through close reading analysis

Title
Contemporary Critical Theory and Interpretation

Tags
190438, 0, 0

Learning Outcome
Develop a deeper understanding of various contemporary theories of interpretation in the humanities.

IHUM 390R - Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas

Course Information

Teaching Area (new)
IHUM

Course Number
390R

Teaching Area
IHUM

Course Title
Junior Seminar in the Interdisciplinary Humanities: Movements, Periods, and Areas

Course Description
Topics could cover significant movements, periods, areas, and genres in a cultural history of the arts. Obtaining a deep understanding of the arts and the values articulated within a particular historical era. The use of concepts usch as history, context, area, and genre in the study of the arts.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IHUM 250 - Introduction to Interdisciplinary Humanities

Learning Outcomes

Title
Transferable Skills

Tags
190291, 1

Learning Outcome
Demonstrate advanced critical thinking, analytical and writing skills in oral and written assignments.

Title
Argumentation and Research Methodology

Tags
190357, 2

Learning Outcome
Demonstrate refined argumentation skills and mastery of library research techniques in written assignments.

Title
Scholarly Discourse

Tags
190430, 3

Learning Outcome
Demonstrate in written assignments acquaintance with and understanding of scholarly interpretations of cultural artifacts from the chosen historical period.

Title
Cultural and Intellectual History

Tags
190573, 0

Learning Outcome
Demonstrate deep knowledge of a particular historical period's cultural and intellectual creations in a chosen culture.

IHUM 399R - Academic Internship

Course Information

Teaching Area (new)
IHUM

Course Number
399R

Teaching Area
IHUM

Course Title
Academic Internship

Course Description
Combined study-work experience related to the humanities major (museums, government agencies, publishing firms, etc.).

Department
Comparative Arts and Letters

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IHUM 250 - Introduction to Interdisciplinary Humanities

Other Prerequisites
A major in the College of Humanities.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Cultural Awareness

Tags
190313, 1

Learning Outcome
Expand understanding and knowledge of world cultures through in-country residency and improvement of foreign language skills

Title
Experiential Learning

Tags
190542, 0

Learning Outcome
Strengthen social, communication and organizational skills essential to competing successfully in the job market through working on-site in a business environment

IHUM 490R - Seminar in the Humanities

Course Information

Teaching Area (new)
IHUM

Course Number
490R

Teaching Area
IHUM

Course Title
Seminar in the Humanities

Course Description
Interdisciplinary study of problems and major figures in the humanities. Topics vary.

Department
Comparative Arts and Letters

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IHum 350 or concurrent enrollment.

Recommended
IHum 370

Learning Outcomes

Title
Subject-Specific Outcomes

Tags
190321, 1

Learning Outcome
Each iteration of this course has more specific outcomes based on the subject matter at hand; those additional objectives are articulated in each instructor's customized syllabus

Title
Research Arguments and Methodologies

Tags
190527, 2

Learning Outcome
Produce original arguments based on sound research methodology

Title
Critical Thinking, Analysis, and Writing

Tags
190550, 0

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively.

IHUM 495R - Directed Readings

Course Information

Teaching Area (new)
IHUM

Course Number
495R

Teaching Area
IHUM

Course Title
Directed Readings

Course Description
Course set up only in special circumstances and by permission for focused study of a topic in the humanities.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Contract and instructor's consent.

Learning Outcomes

Title
Critical Thinking, Analysis and Writing

Tags
190383, 0

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively, through intensive study of selected texts under the guidance of a faculty mentor.

Title
Argumentation and Research Methodology

Tags
190563, 1

Learning Outcome
Produce original arguments based on sound research methodology, evidenced in a term paper of substantial length submitted to the faculty mentor.

IHUM 595R - Directed Readings

Course Information

Teaching Area (new)
IHUM

Course Number
595R

Teaching Area
IHUM

Course Title
Directed Readings

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Graduate coordinator's consent

Learning Outcomes

Title
Argumentation and Research Methodology

Tags
190320, 1

Learning Outcome
Produce original arguments based on sound research methodology, evidenced in a term paper of substantial length submitted to the faculty mentor.

Title
Scholarly Discourse

Tags
190332, 2

Learning Outcome
Engage with and evaluate scholarly treatments and interpretations of cultural artifacts chosen for intensive study under the guidance of a faculty mentor.

Title
Critical Thinking, Analysis, and Writing Skills

Tags
190488, 0

Learning Outcome
Demonstrate the skills of humanistic study, i.e. analyze, think critically and write clearly and persuasively, through intensive study of selected texts under the guidance of a faculty mentor.

ILANG 100 - Language Study: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
100

Teaching Area
ILANG

Course Title
Language Study: Ilangot

Course Description
Survival-level conversation, reading, listening, and culture skills in Ilangot.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196187, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196188, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196189, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ILANG 101 - First-Year Language Study: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
101

Teaching Area
ILANG

Course Title
First-Year Language Study: Ilangot

Course Description
Beginning speaking, listening, reading, and writing skills in Ilangot.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196190, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196191, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196192, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196193, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ILANG 102 - First-Year Language Study: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
102

Teaching Area
ILANG

Course Title
First-Year Language Study: Ilangot

Course Description
Second-semester speaking, listening, reading, and writing skills in Ilangot.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 101 - First-Year Language Study: Ilangot

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196194, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196195, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196196, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196197, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ILANG 201 - Second-Year Language Study: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
201

Teaching Area
ILANG

Course Title
Second-Year Language Study: Ilangot

Course Description
Intermediate speaking, listening, reading, and writing skills in Ilangot.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 102 - First-Year Language Study: Ilangot

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196198, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196199, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196200, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196201, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ILANG 202 - Second-Year Language Study: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
202

Teaching Area
ILANG

Course Title
Second-Year Language Study: Ilangot

Course Description
Continued emphasis on Ilangot communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 201 - Second-Year Language Study: Ilangot

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196202, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196203, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196204, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196205, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ILANG 305 - Language Skills Development: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
305

Teaching Area
ILANG

Course Title
Language Skills Development: Ilangot

Course Description
Increasing proficiency in one or more of the following Ilangot language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196206, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196207, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196208, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ILANG 321 - Advanced Grammar: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
321

Teaching Area
ILANG

Course Title
Advanced Grammar: Ilangot

Course Description
Systematic review of grammar and syntax of Ilangot.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 202 - Second-Year Language Study: Ilangot

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196209, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196210, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196211, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
330

Teaching Area
ILANG

Course Title
Advanced Language Proficiency Through Cultural Studies: Ilangot

Course Description
Study of Ilangot culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ilang 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196212, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196213, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196214, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196215, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ILANG 340 - Introduction to Literature: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
340

Teaching Area
ILANG

Course Title
Introduction to Literature: Ilangot

Course Description
Advanced study of Ilangot literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196216, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196217, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196218, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196219, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

ILANG 350 - Advanced Language Study for Career Purposes: Ilangot

Course Information

Teaching Area (new)
ILANG

Course Number
350

Teaching Area
ILANG

Course Title
Advanced Language Study for Career Purposes: Ilangot

Course Description
Concentration on Ilangot language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILANG 330 - Advanced Language Proficiency Through Cultural Studies: Ilangot

Learning Outcomes

Title
Defined Career Purposes

Tags
196220, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196221, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196222, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196223, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196224, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

ILOCN 100 - Language Study: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
100

Teaching Area
ILOCN

Course Title
Language Study: Ilocano

Course Description
Survival-level conversation, reading, listening, and culture skills in Ilocano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196225, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196226, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196227, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ILOCN 101 - First-Year Language Study: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
101

Teaching Area
ILOCN

Course Title
First-Year Language Study: Ilocano

Course Description
Beginning speaking, listening, reading, and writing skills in Ilocano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196228, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196229, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196230, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196231, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ILOCN 102 - First-Year Language Study: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
102

Teaching Area
ILOCN

Course Title
First-Year Language Study: Ilocano

Course Description
Second-semester speaking, listening, reading, and writing skills in Ilocano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 101 - First-Year Language Study: Ilocano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196232, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196233, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196234, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196235, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ILOCN 201 - Second-Year Language Study: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
201

Teaching Area
ILOCN

Course Title
Second-Year Language Study: Ilocano

Course Description
Intermediate speaking, listening, reading, and writing skills in Ilocano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 102 - First-Year Language Study: Ilocano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196236, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196237, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196238, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196239, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ILOCN 202 - Second-Year Language Study: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
202

Teaching Area
ILOCN

Course Title
Second-Year Language Study: Ilocano

Course Description
Continued emphasis on Ilocano communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 201 - Second-Year Language Study: Ilocano

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196240, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196241, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196242, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196243, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ILOCN 305 - Language Skills Development: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
305

Teaching Area
ILOCN

Course Title
Language Skills Development: Ilocano

Course Description
Increasing proficiency in one or more of the following Ilocano language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196244, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196245, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196246, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ILOCN 321 - Advanced Grammar: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
321

Teaching Area
ILOCN

Course Title
Advanced Grammar: Ilocano

Course Description
Systematic review of grammar and syntax of Ilocano.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 202 - Second-Year Language Study: Ilocano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196247, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196248, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196249, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
330

Teaching Area
ILOCN

Course Title
Advanced Language Proficiency Through Cultural Studies: Ilocano

Course Description
Study of Ilocano culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ilocn 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196250, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196251, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196252, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196253, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ILOCN 340 - Introduction to Literature: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
340

Teaching Area
ILOCN

Course Title
Introduction to Literature: Ilocano

Course Description
Advanced study of Ilocano literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196254, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196255, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196256, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196257, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

ILOCN 350 - Advanced Language Study for Career Purposes: Ilocano

Course Information

Teaching Area (new)
ILOCN

Course Number
350

Teaching Area
ILOCN

Course Title
Advanced Language Study for Career Purposes: Ilocano

Course Description
Concentration on Ilocano language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ILOCN 330 - Advanced Language Proficiency Through Cultural Studies: Ilocano

Learning Outcomes

Title
Defined Career Purposes

Tags
196258, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196259, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196260, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196261, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196262, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

INDES 130 - Visual Literacy

Course Information

Teaching Area (new)
INDES

Course Number
130

Teaching Area
INDES

Course Title
Visual Literacy

Course Description
Introduction to designerly methods of visual literacy; including how designers think, practice, evaluate, and create persuasive, visual compositions. Manipulating visual elements to a goal. How to break down the persuasive qualities of a visual composition by creating both 2 and 3-dimensional abstract artifacts. Understanding and applying a well-designed line and space. One of four core design courses exploring aptitude for a career in design.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
InDes 131, 132, 133 concurrent in the same semester. Admittance into the pre-professional program for Industrial Design.

Learning Outcomes

Title
Application

Tags
181007, 1

Learning Outcome
Students should be able to:Apply principles of design to create aesthetic 2D and 3D CompositionsApply basic software skills in Adobe Illustrator and PhotoshopDiscuss and critique both 2D and 3D compositions using design terminalogy

Title
Understanding

Tags
181177, 0

Learning Outcome
Students should:Understand basic design vocabulary of principles and elements of designUnderstand both 2D and 3D aesthetic principles as they relate to industrial designUnderstand basic visual presentation skills

INDES 132 - Form and Surface Development

Course Information

Teaching Area (new)
INDES

Course Number
132

Teaching Area
INDES

Course Title
Form and Surface Development

Course Description
Understand and apply basic aesthetic principles to articulate, explore, and critique geometric and organic form. Create, evaluate, and analyze three-dimensional compositions and products.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
InDes 130, 131, and 133 concurrent in the same semester. Admittance to the pre-professional Industrial Design program

Learning Outcomes

Title
Application

Tags
181026, 2

Learning Outcome
Students should be able to:Generate both rough and finished geometric and organic formsRecognize abstract three-dimensional elements in design context

Title
Understanding

Tags
181200, 0

Learning Outcome
Students should:Understand aesthetic principles as they relate to geometric and organic formsAnalyze formal qualities and articulate formal languages

INDES 233 - Presentation Methods for Industrial Design 2

Course Information

Teaching Area (new)
INDES

Course Number
233

Teaching Area
INDES

Course Title
Presentation Methods for Industrial Design 2

Course Description
Focus on appropriate communication methods in industrial design, increasing ability to create complex visual presentations. Use of 2D computer programs to render (form/material representation) and present product concepts with the emphasis on narrative development and the meaningful communication of an intended message.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DESPX 231 - Visualization & Presentation Methods

Learning Outcomes

Title
Application

Tags
181370, 2

Learning Outcome
Student will be able to:

Apply design principles to page layout and composition to create a portfolio.
Apply verbal skills in developing and communicating a persuasive narrative.
Apply visual skills in presenting information in a clear, concise, and compelling way.
Produce effective renderings using vector and raster based computer packages.
Adjust, manipulate, combine, and retouch images using Raster based computer packages.
Produce complex presentations for industrial design using both vector and raster based packages in combination.

Title
Understanding

Tags
181534, 1

Learning Outcome
Student will:

Understand how to represent complex topics simply, clearly, and concisely using principles of information organization and effective presentation.
Understand principles of a good narrative.
Understand digital tools for the development of presentations and portfolio.
Understand the principles of building a strong visual representation of their work in a portfolio and for presentations.

INDES 300 - Advanced Prototyping Processes and Materials

Course Information

Teaching Area (new)
INDES

Course Number
300

Teaching Area
INDES

Course Title
Advanced Prototyping Processes and Materials

Course Description
Semi-functional mechanical prototyping. Includes time in the computer lab building the product to be constructed in the prototyping lab. Incorporation of fasteners, gears, threaded parts, snap features, tactile buttons and complex materials and assemblies in software. Printing, milling, cutting, assembling, and finishing these elements into a fully-functional working product prototype in the lab.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DESPX 200 - Prototyping Processes and Materials

OR

Prerequisites

Complete ALL of the following Courses:

- TES 200 - Processes and Prototyping with Wood

INDES 331R - Presentation Methods for Industrial Design 3

Course Information

Teaching Area (new)
INDES

Course Number
331R

Teaching Area
INDES

Course Title
Presentation Methods for Industrial Design 3

Course Description
Sketching and rendering techniques focused on surface materials and finishes.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Acceptance into the BFA program or instructor's consent.

Learning Outcomes

Title
Communication

Tags
181353, 1

Learning Outcome
Be the end of this course students will have gained additional experience with innovating products and conveying the purpose of their new product to various audiences through communication methods such as displays, oral presentations, computer presentations, and other communication channels.

INDES 341 - Technology Interface Studies for Industrial Design 1

Course Information

Teaching Area (new)
INDES

Course Number
341

Teaching Area
INDES

Course Title
Technology Interface Studies for Industrial Design 1

Course Description
Understanding and improving the human experience with technology products. Exploring design-focused research, evaluation, and presentation techniques. Project based with the goal of learning by doing. No coding skills are required; however, basic visualization skills will be a benefit. Participating in user-centered research methods, mapping experiences, persona development, usability testing, prototyping, and developing new product proposals.

Department
Design

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

INDES 399R - Professional Internship

Course Information

Teaching Area (new)
INDES

Course Number
399R

Teaching Area
INDES

Course Title
Professional Internship

Course Description
Work experience in professional design studio evaluated by supervisor.

Department
Design

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
School's and faculty advisor's consent

Note
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

Learning Outcomes

Title
Understanding

Tags
181539, 1

Learning Outcome
Student acquires professional experiences in Industrial Design.

Title
Application

Tags
181540, 3

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.
Student demonstrates professional communication skills (report).

INDES 440 - Graphics Studies for Industrial Design 2

Course Information

Teaching Area (new)
INDES

Course Number
440

Teaching Area
INDES

Course Title
Graphics Studies for Industrial Design 2

Course Description
Practical application of the skills necessary to put both 2d and 3d graphics into motion, to visually communicate product features/benefits to the end consumer. Fundamentals of Adobe After Effects/Cinema 4D Lite (motion graphics) and Adobe XD (user interface design/clickable prototypes). Enhancement of student portfolios by the addition of project examples that go beyond static 2d renders.

Department
Design

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- DES 340 - Graphics: Brand & Type

Other Prerequisites
Acceptance into the BFA Industrial Design program

INDES 494R - Special Problems in Design

Course Information

Teaching Area (new)
INDES

Course Number
494R

Teaching Area
INDES

Course Title
Special Problems in Design

Course Description
Individual study in area of special interest.

Department
Design

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Innovation

Tags
181355, 1

Learning Outcome
By the end of this course students will have gained additional experience with creative thining, innovation, execution of new ideas.

INDES 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
INDES

Course Number
495R

Teaching Area
INDES

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Design

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

INDES 497R - BFA Final Project

Course Information

Teaching Area (new)
INDES

Course Number
497R

Teaching Area
INDES

Course Title
BFA Final Project

Course Description
Advanced individual project with minimum guidance, showing high degree of competence within chosen major.

Department
Design

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Other Prerequisites
BFA advisor's consent

Learning Outcomes

Tags
54336, 0

Learning Outcome
Ability to work on an advance individual project with minimum guidance that focuses skills and knowledge learned on a single complex visualization.

Title
Reseach

Tags
54586, 0

Learning Outcome
Students will define a area of interest

Tags
181207, 3

Learning Outcome
Students should:Write a cogent design project proposalWork with judicious guidance on self-directed projectInvestigate chosen problem using design methodsDemonstrate elevated competence in: design skills, grasp of theory, design methodology

INDON 100 - Language Study: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
100

Teaching Area
INDON

Course Title
Language Study: Indonesian

Course Description
Survival-level conversation, reading, listening, and culture skills in Indonesian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196263, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196264, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196265, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

INDON 101 - First-Year Language Study: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
101

Teaching Area
INDON

Course Title
First-Year Language Study: Indonesian

Course Description
Beginning speaking, listening, reading, and writing skills in Indonesian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196266, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196267, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196268, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196269, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

INDON 102 - First-Year Language Study: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
102

Teaching Area
INDON

Course Title
First-Year Language Study: Indonesian

Course Description
Second-semester speaking, listening, reading, and writing skills in Indonesian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- INDON 101 - First-Year Language Study: Indonesian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196270, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196271, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196272, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196273, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

INDON 201 - Second-Year Language Study: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
201

Teaching Area
INDON

Course Title
Second-Year Language Study: Indonesian

Course Description
Intermediate speaking, listening, reading, and writing skills in Indonesian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- INDON 102 - First-Year Language Study: Indonesian

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196274, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196275, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196276, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196277, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

INDON 202 - Second-Year Language Study: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
202

Teaching Area
INDON

Course Title
Second-Year Language Study: Indonesian

Course Description
Continued emphasis on Indonesian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- INDON 201 - Second-Year Language Study: Indonesian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
196281, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196282, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196283, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196284, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

INDON 305 - Language Skills Development: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
305

Teaching Area
INDON

Course Title
Language Skills Development: Indonesian

Course Description
Increasing proficiency in one or more of the following Indonesian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196285, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196287, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196288, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

INDON 321 - Advanced Grammar: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
321

Teaching Area
INDON

Course Title
Advanced Grammar: Indonesian

Course Description
Advance your Indonesian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196289, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196290, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196291, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
330

Teaching Area
INDON

Course Title
Advanced Language Proficiency Through Cultural Studies: Indonesian

Course Description
Study of Indonesian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Indon 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196294, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196295, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196297, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196298, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

INDON 340 - Introduction to Literature: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
340

Teaching Area
INDON

Course Title
Introduction to Literature: Indonesian

Course Description
Explore Indonesian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian
  OR INDON 321 - Advanced Grammar: Indonesian

Note
May fulfill the Letters GE requirement.

Learning Outcomes

Title
Recognize and Analyze

Tags
196300, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196301, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196303, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196304, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

INDON 350 - Advanced Language Study for Career Purposes: Indonesian

Course Information

Teaching Area (new)
INDON

Course Number
350

Teaching Area
INDON

Course Title
Advanced Language Study for Career Purposes: Indonesian

Course Description
Concentration on Indonesian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- INDON 330 - Advanced Language Proficiency Through Cultural Studies: Indonesian

Learning Outcomes

Title
Defined Career Purposes

Tags
196306, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196307, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196308, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196309, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196310, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

IP&T 286 - Instructional Technology in Teaching

Course Information

Teaching Area (new)
IP&T

Course Number
286

Teaching Area
IP&T

Course Title
Instructional Technology in Teaching

Course Description
Using instructional design, visual design, and differentiated staffing principles along with multimedia authoring systems, telecommunication, and other computer-based tools in the development of educational applications for secondary education settings.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Understand Technologies

Tags
178397, 1

Learning Outcome
Understand how technologies can enhance teaching, professional work and communication, and personal professional development.

Title
Design

Tags
178398, 2

Learning Outcome
Develop the ability to design technology-enhanced activities and resources.

Title
Identify Resources

Tags
178399, 3

Learning Outcome
Identify resources to assist in learning how to integrate technologies in the future.

Title
Use New Technologies

Tags
178400, 4

Learning Outcome
Be motivated and confident in the ability to learn how to use new technologies in teaching.

IP&T 287 - Instructional Technology for Early Childhood Education

Course Information

Teaching Area (new)
IP&T

Course Number
287

Teaching Area
IP&T

Course Title
Instructional Technology for Early Childhood Education

Course Description
Using instructional design, visual design, and differentiated staffing principles, along with multimedia authoring systems, telecommunication, and other computer-based tools in the development of educational applications for early childhood, elementary, and special education settings.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Learning Outcomes

Title
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

Tags
177887, 3

Learning Outcome
Student will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

Title
2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY

Tags
177889, 2

Learning Outcome
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

Title
1. TECHNOLOGICAL LITERACY

Tags
177891, 1

Learning Outcome
Students will increase their familiarity with and ability to use a wide range of educational technologies.

Title
5. ETHICAL AND SAFE USE OF TECHNOLOGY

Tags
177896, 5

Learning Outcome
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

Title
4. TECHNOLOGY INTEGRATION IN EARLY CHILDHOOD SETTINGS

Tags
178354, 3

Learning Outcome
Students will strengthen their knowledge of technologies and teaching methods that can be used effectively with with young children in the K-2 elementary grades.

IP&T 334 - Integrating Technology in Early Childhood Education.

Course Information

Teaching Area (new)
IP&T

Course Number
334

Teaching Area
IP&T

Course Title
Integrating Technology in Early Childhood Education.

Course Description
Integrating instructional technology with early childhood education instructional strategies.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent with El Ed 333.

Learning Outcomes

Title
5. ETHICAL AND SAFE USE OF TECHNOLOGY

Tags
178342, 4

Learning Outcome
Students will follow fairuse guidelines as they incorporate digital media into their teaching.

Title
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

Tags
178347, 2

Learning Outcome
Student will strengthen their knowledge of ways to use technology in teaching math and literacy that lead to improved effectiveness, engagement, and/or efficiency.

Title
4. TECHNOLOGY INTEGRATION IN REAL-WORLD SETTINGS

Tags
178350, 3

Learning Outcome
Students will practice their technology integration skills in real-world early childhood elementary level settings and learn to evaluate the strengths and weaknesses of their performance.

Title
1. TECHNOLOGICAL LITERACY

Tags
178351, 0

Learning Outcome
Students will increase their familiarity with and ability to use a wide range of educational technologies.

Title
2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY

Tags
178360, 1

Learning Outcome
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

IP&T 370 - Technology Use in Early Childhood Classrooms

Course Information

Teaching Area (new)
IP&T

Course Number
370

Teaching Area
IP&T

Course Title
Technology Use in Early Childhood Classrooms

Course Description
Students will develop knowledge, skills, and dispositions necessary to effectively integrate technology into real-world early childhood classrooms in developmentally appropriate ways.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Integrate technology

Tags
212650, 0, 1, 2022-12-20 16:59:36

Learning Outcome
Students will integrate technology into early childhood classrooms in developmentally appropriate ways.

Title
Teach computational thinking

Tags
212651, 0, 2, 2022-12-20 16:59:36

Learning Outcome
Students will teach computational thinking concepts in the early childhood classroom, including coding short programs.

Title
Use computer assisted learning tools

Tags
212652, 0, 3, 2022-12-20 16:59:36

Learning Outcome
Students will demonstrate how and when to use computer assisted learning tools as well as how to analyze the data from those tools for further learning.

IP&T 371 - Introduction to K-12 Educational Technology

Course Information

Teaching Area (new)
IP&T

Course Number
371

Teaching Area
IP&T

Course Title
Introduction to K-12 Educational Technology

Course Description
Teaching majors will learn ideas and skills for integrating technology effectively into their teaching in areas of Internet communication, multimedia development, mobile learning, and Web tools for teaching.

Department
Instructional Psychology and Technology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Discovering Educational Technologies

Tags
178513, 1

Learning Outcome
Students will develop the ability and disposition to improve their practice by learning from and with others and exploring proven and promising practices that leverage technology to improve student learning.

Title
Inspire Students

Tags
178514, 2

Learning Outcome
Student will inspire students to positively contribute to and responsibly participate in the digital world.

Title
Design Authentic, Learner-centered Activities

Tags
178515, 3

Learning Outcome
Students will design authentic, learner-driven activities and environments that recognize and accommodate learner variability.

IP&T 372 - Integrating Educational Technology in Elementary Education

Course Information

Teaching Area (new)
IP&T

Course Number
372

Teaching Area
IP&T

Course Title
Integrating Educational Technology in Elementary Education

Course Description
Students will develop the knowledge, skills, and dispositions to develop and integrate emerging technologies into elementary education.

Department
Instructional Psychology and Technology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
IP&T 371

Learning Outcomes

Title
Computational Thinking

Tags
178497, 1

Learning Outcome
Students will develop a working knowledge of core components of computational thinking: such as decomposition; gathering and analyzing data; abstraction; algorithm design; how computing impacts people and society, and its application as a cross- curricular skill.

Title
Coding

Tags
178498, 2

Learning Outcome
Students will demonstrate fundamental coding concepts (e.g., sequences, conditionals, variables) by coding short programs at the elementary level using modern software;

Title
Facilitate Technology

Tags
178500, 4

Learning Outcome
Students will facilitate active learning with technology to support student achievement of the ISTE Standards for Students.

Title
Data-driven Instruction

Tags
178501, 5

Learning Outcome
Students will use data to drive their instruction and support students in achieving their learning goals.

IP&T 373 - Teaching in K-12 Online and Blended Learning Contexts

Course Information

Teaching Area (new)
IP&T

Course Number
373

Teaching Area
IP&T

Course Title
Teaching in K-12 Online and Blended Learning Contexts

Course Description
Students will explore foundational concepts related to designing authentic data-driven learning activities in multiple modalities (in-person, online, and blended).

Department
Instructional Psychology and Technology

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
IP&T 371

Learning Outcomes

Title
Authentic Activities

Tags
178507, 0, 1

Learning Outcome
Students will design authentic, learner-driven activities and environments that recognize and accommodate learner variability.

Title
Facilitate Learning with Technology

Tags
178504, 0, 2

Learning Outcome
Students will demonstrate knowledge of how to teach with technology to support student achievement of the ISTE Standards for Students.

Title
Data practices

Tags
178505, 0, 3

Learning Outcome
Students will use data to design instruction and support students in achieving their learning goals.

IP&T 387 - Integrating Technology in Special Education 1

Course Information

Teaching Area (new)
IP&T

Course Number
387

Teaching Area
IP&T

Course Title
Integrating Technology in Special Education 1

Course Description
Integrating instructional technology with special education instructional strategies.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent with CPSE 410.

Learning Outcomes

Title
Technological Literacy

Tags
178401, 1

Learning Outcome
Students will increase their familiarity with and ability to use a wide range of educational technologies.

Title
Positive Disposition Towards Educational Technology

Tags
178402, 2

Learning Outcome
Students will develop positive disposition towards using educational technologies that can help improve student learning.

Title
Effective Content-Specific Technology Integration

Tags
178403, 3

Learning Outcome
Students will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

Title
Technology Integration in Real-World Settings

Tags
178404, 4

Learning Outcome
Students will practice their technology integration skills in real-world special education settings and learn to evaluate the strengths and weaknesses of their performance.

Title
Ethical and Safe Use of Technology

Tags
178405, 5

Learning Outcome
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

IP&T 420 - Design Psychology

Course Information

Teaching Area (new)
IP&T

Course Number
420

Teaching Area
IP&T

Course Title
Design Psychology

Course Description
This course will introduce students to fundamental principles of psychological research and how they influence design. In this course, students will learn how people think, basic human psychology, and factors to consider in designing for others. By the end of this course, students should be able to identify relevant factors that affect design as well as how those factors come into play in different design situations.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IP&T 444 - Integrating Technology in Elementary Education

Course Information

Teaching Area (new)
IP&T

Course Number
444

Teaching Area
IP&T

Course Title
Integrating Technology in Elementary Education

Course Description
Integrating instructional technology into K-6 instructional strategies.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent with El Ed 445 and El Ed 446.

Learning Outcomes

Title
2. DISPOSITIONS TOWARD EDUCATIONAL TECHNOLOGY

Tags
178349, 1

Learning Outcome
Students will develop positive dispositions towards using educational technologies that can help improve student learning.

Title
1. TECHNOLOGICAL LITERACY

Tags
178355, 0

Learning Outcome
Students will increase their familiarity with and ability to use a wide range of educational technologies.

Title
5. ETHICAL AND SAFE USE OF TECHNOLOGY

Tags
178357, 4

Learning Outcome
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

Title
4. TECHNOLOGY INTEGRATION IN REAL-WORLD SETTINGS

Tags
178358, 3

Learning Outcome
Students will practice their technology integration skills in real-world upper elementary level settings and learn to evaluate the strengths and weaknesses of their performance.

Title
3. EFFECTIVE CONTENT-SPECIFIC TECHNOLOGY INTEGRATION

Tags
178363, 2

Learning Outcome
Student will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

IP&T 461 - Design Evaluation

Course Information

Teaching Area (new)
IP&T

Course Number
461

Teaching Area
IP&T

Course Title
Design Evaluation

Course Description
Introduction to the field of evaluation and how it is used in instructional design and in the evaluation of educational products. Methods for conceptualizing and implementing evaluations, and practical guidelines for planning and completing an evaluation project.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IP&T 464 - Instructional Design and eLearning for Business/Non-Profits

Course Information

Teaching Area (new)
IP&T

Course Number
464

Teaching Area
IP&T

Course Title
Instructional Design and eLearning for Business/Non-Profits

Course Description
Overview to the field of instructional design as a discipline, including what careers are available in the discipline. Also, how instructional design is used to create educational products, especially eLearning.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IP&T 470R - Undergraduate Research Training

Course Information

Teaching Area (new)
IP&T

Course Number
470R

Teaching Area
IP&T

Course Title
Undergraduate Research Training

Course Description
Introduction of undergraduate students to the concepts of research and evaluation through practical experience.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Forms of Inquiry

Tags
178229, 1

Learning Outcome
To learn some basic issues associated with research, evaluation, and other forms of inquiry

Title
Mentored Experience

Tags
178230, 2

Learning Outcome
To participate in a mentored inquiry experience with a faculty member.

Title
Conducting and Presenting Inquiry Studies

Tags
178356, 2

Learning Outcome
To develop some basic skills in conducting and presenting inquiry studies.

IP&T 487 - Integrating Technology in Special Education 2

Course Information

Teaching Area (new)
IP&T

Course Number
487

Teaching Area
IP&T

Course Title
Integrating Technology in Special Education 2

Course Description
Integrating instructional technology with special education instructional strategies.

Department
Instructional Psychology and Technology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent with CPSE 430.

Learning Outcomes

Title
Technological Literacy

Tags
178406, 1

Learning Outcome
Students will increase their familiarity with and ability to use a wide range of educational technologies.

Title
Positive Disposition Towards Educational Technology

Tags
178407, 2

Learning Outcome
Students will develop positive disposition towards using educational technologies that can help improve student learning.

Title
Effective Content-Specific Technology Integration

Tags
178408, 3

Learning Outcome
Students will strengthen their knowledge of ways to use technology in teaching core content areas (fine arts, language arts, math, science, & social studies) that lead to improved effectiveness, engagement, and/or efficiency.

Title
Technology Integration in Real-World Settings

Tags
178409, 4

Learning Outcome
Students will practice their technology integration skills in real-world special education settings and learn to evaluate the strengths and weaknesses of their performance.

Title
Ethical and Safe Use of Technology

Tags
178410, 5

Learning Outcome
Students will understand basic issues related to internet safety for children and create lessons that help children have positive, safe experiences with online technologies. Students will follow fairuse guidelines as they incorporate digital media into their teaching.

IP&T 498R - Interdisciplinary Product Design for Education

Course Information

Teaching Area (new)
IP&T

Course Number
498R

Teaching Area
IP&T

Course Title
Interdisciplinary Product Design for Education

Course Description
Project-based course in the development of educational products. Students work in teams, using skills from their individual majors, to help design, develop, and deliver a product to a client in the community.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IP&T 510 - Scholarly Writing and Argumentation

Course Information

Teaching Area (new)
IP&T

Course Number
510

Teaching Area
IP&T

Course Title
Scholarly Writing and Argumentation

Course Description
A prerequisite course designed to help improve students' scholarly writing and argumentation. Students work together to strengthen their skills in these areas by analyzing sources from the scholarly literature, completing writing assignments, offering feedback on other students' work, receiving feedback on their own, and completing a course project.

Department
Instructional Psychology and Technology

When Taught
Winter and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Scholarly Writing Skills

Tags
178493, 1

Learning Outcome
Develop improved scholarly writing skills.

Title
Argumentation Skills

Tags
178494, 2

Learning Outcome
Develop improved logical argumentation skills.

Title
Publication Process

Tags
178495, 3

Learning Outcome
Understand the scholarly publication process (e.g., submission, peer review, revision).

Title
APA Style

Tags
178496, 4

Learning Outcome
Understand and apply the fundamentals of the APA style and formatting guidelines.

IP&T 515R - Special Topics in Instructional Psychology and Technology

Course Information

Teaching Area (new)
IP&T

Course Number
515R

Teaching Area
IP&T

Course Title
Special Topics in Instructional Psychology and Technology

Course Description
Becoming more familiar with key issues in the field of instructional psychology and technology.

Department
Instructional Psychology and Technology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Authoring Tools

Tags
178449, 2

Learning Outcome
Students will become proficient in using industry-standard authoring tools to create interactive instruction.

Title
Creative Collaboration

Tags
178450, 1

Learning Outcome

Students will collaborate with a client to meet their needs for interactive instruction.

Title
This course is being discontinued so no learning outcomes will be listed.

Tags
178428, 1

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

Title
This course is being discontinued so no learning outcomes will be listed.

Tags
178429, 1

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

Title
This course is being discontinued so no learning outcomes will be listed.

Tags
178430, 1

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

Title
This course is being discontinued so no learning outcomes will be listed.

Tags
178431, 1

Learning Outcome
This course is being discontinued so no learning outcomes will be listed.

Title
Scholarly Writing and Argumentation.

Tags
178451, 0

Learning Outcome
Students will work together to strengthen their skills in academic writing and argumentation areas by analyzing sources from the scholarly literature, completing writing assignments, offering feedback on other students' work, receiving feedback on their own, and completing a course project.

IP&T 520 - Foundations of Instructional Technology

Course Information

Teaching Area (new)
IP&T

Course Number
520

Teaching Area
IP&T

Course Title
Foundations of Instructional Technology

Course Description
Introduction to instructional psychology and technology theory and practice: psychological foundations of human performance technology and learning sciences. Current research issues, professional organization of the field, and ethical issues.

Department
Instructional Psychology and Technology

When Taught
Fall and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Current Issues

Tags
178231, 1

Learning Outcome
Understand the current issues, discussions, research, and debates in this field as well as comparable sister professions.

Title
History

Tags
178232, 2

Learning Outcome
Understand the history of the field of Instructional Technology, including the various trends, people, and issues that shaped it.

Title
Professional Trajectory

Tags
178233, 3

Learning Outcome
Clarify and define your own professional trajectory into your profession including your personal beliefs; the kind of career you are seeking; and the skills, knowledge, and characteristics you need to develop to be successful.

Title
Writing Skills

Tags
178234, 4

Learning Outcome
Begin to develop skills in literature analysis and scholarly writing.

Title
Online Presence

Tags
178235, 5

Learning Outcome
Create an initial professional web presence that you can develop during your career.

Title
Future Roles

Tags
178236, 6

Learning Outcome
Begin defining for yourself what the future of our field is or may be, and what your role may be in that future.

IP&T 531 - Introduction to Open Education

Course Information

Teaching Area (new)
IP&T

Course Number
531

Teaching Area
IP&T

Course Title
Introduction to Open Education

Course Description
Students will learn foundational concepts related to open education including the origins of intellectual property law and open licensing, and the impact of openness on teaching, learning, and scholarly publishing.

Department
Instructional Psychology and Technology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand Problems

Tags
178517, 2

Learning Outcome
Understand the key problems open education attempts to solve and the progress made to date on solving those problems

Title
Understand

Tags
178518, 1

Learning Outcome
Understand the underlying rationale for open education.

Title
Understanding Licensing

Tags
178519, 3

Learning Outcome
Understand the different categories of open licensing and the criteria associated with each.

IP&T 538 - Teaching in Online and Blended Learning Environments

Course Information

Teaching Area (new)
IP&T

Course Number
538

Teaching Area
IP&T

Course Title
Teaching in Online and Blended Learning Environments

Course Description
Students will explore foundational concepts related to online/blended learning and will learn to plan, develop, facilitate, and evaluate teaching and learning in these environments.

Department
Instructional Psychology and Technology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
1. ARTICULATE KEY ISSUES FOR ONLINE/BLENDED TEACHING

Tags
178509, 1

Learning Outcome

Describe key issues and trends related to online/blended learning.
Describe key competencies needed for online/blended teaching.
Identify key concepts for effective online/blended teaching.

Title
2. EVALUATE ONLINE COURSES

Tags
178510, 2

Learning Outcome

Evaluate the quality of an online course design.

Title
3. DESIGN ONLINE/BLENDED COURSES

Tags
178511, 3

Learning Outcome

Design effective learner-content interactions for an online or blended course.
Design effective learner-community interactions for an online or blended course.
Design effective online assessments for an online or blended course.

Title
4. FACILITATE ONLINE ACTIVITIES

Tags
178512, 4

Learning Outcome

Effectively facilitate both synchronous and asynchronous online activities.

IP&T 560 - Instructional Product Development

Course Information

Teaching Area (new)
IP&T

Course Number
560

Teaching Area
IP&T

Course Title
Instructional Product Development

Course Description
Designing, developing, and troubleshooting instructional products using industry-standard tools.

Department
Instructional Psychology and Technology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Develop e-learning

Tags
178237, 1

Learning Outcome
Students will design and develop an e-learning program using a technology of the student's choice.

Title
Personal Learning Environment

Tags
178238, 2

Learning Outcome
Students will build a personal learning environment

Title
Online Community Integration

Tags
178239, 3

Learning Outcome
Students will become part of an online community of learners.

IP&T 564 - Instructional Design

Course Information

Teaching Area (new)
IP&T

Course Number
564

Teaching Area
IP&T

Course Title
Instructional Design

Course Description
Identifying instructional problems; specifying objectives, instructional strategies, and media; analyzing learning outcomes; developing instructional materials and assessment instruments; validating instructional systems.

Department
Instructional Psychology and Technology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Demonstrate design character

Tags
178452, 6

Learning Outcome
Explain how designers understand the world and take action differently than those in other traditions; critique your own or others' actions as examples of design thinking; identify the kind of design thinking you want to develop and the type of growth you need to experience while making progress towards such.

Title
Define the scope and parameters of the instructional design industry

Tags
178468, 1

Learning Outcome
Identify and explain the features of instructional products, common tools used by instructional designers, and current industry trends. Explain/ compare both traditional and emerging learning theories, instructional theories, instructional design models, and design processes.

Title
Assess instructional situations

Tags
178469, 4

Learning Outcome
Conduct basic approaches for analyzing audiences, uncovering stakeholder desires, determining instructional strategies and methods, etc.

Title
Create instructional design documentation and prototypes

Tags
178470, 5

Learning Outcome
Create artifacts that communicate your design intentions to others who will either approve them or help bring them into reality.

Title
Define an instructional design challenge

Tags
178471, 3

Learning Outcome
Evaluate design contexts and environments to determine the nature of an instructional design challenge.

IP&T 599R - Academic Internship

Course Information

Teaching Area (new)
IP&T

Course Number
599R

Teaching Area
IP&T

Course Title
Academic Internship

Course Description
Practicing skills learned and receiving evaluation and feedback from internship sponsors.

Department
Instructional Psychology and Technology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
18

Other Prerequisites
Departmental consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Apply skills

Tags
178466, 3

Learning Outcome
Apply skills learned through coursework in a real-world setting, where you will receive evaluative feedback from internship sponsors.

Title
Develop expertise

Tags
178467, 4

Learning Outcome
Develop greater expertise in a sector of the IP&T industry, through hands-on, practical work.

IR 399R - Academic Internship: International

Course Information

Teaching Area (new)
IR

Course Number
399R

Teaching Area
IR

Course Title
Academic Internship: International

Course Description
Individualized work or volunteer experience in an international setting.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into program; international relations major coordinator's consent

Note
Must be coordinated through International Study Programs.

Learning Outcomes

Title
Integrating Learning

Tags
200099, 0

Learning Outcome
Students will be able to connect and integrate their academic experiences and learning with their work experiences.

IS 110 - Spreadsheet Skills and Business Analysis

Course Information

Teaching Area (new)
IS

Course Number
110

Teaching Area
IS

Course Title
Spreadsheet Skills and Business Analysis

Course Description
Basic spreadsheet skills focusing on features in MS Excel such as basic functions, logic and reference functions, statistical functions, what-if analysis, and charting to solve complex business problems. No technical background is necessary.

Department
Information Systems

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
This course can be completed with online instruction, attendance is optional. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Methods

Tags
175717, 0, 1

Learning Outcome

Build appropriate spreadsheet models of business problems to make rational, data-driven managerial recommendations effectively solving those problems.

Title
Critical Thinking

Tags
175718, 0, 2

Learning Outcome

Manipulate spreadsheet models of business problems to examine the robustness of proposed solutions to those solutions.

IS 111 - Introduction to AI in Business

Course Information

Course Number
111

Teaching Area
IS

Course Title
Introduction to AI in Business

Course Description
Foundational overview of generative artificial intelligence (GenAI) in business. Explore key GenAI technologies and skills—such as prompt engineering, custom agents, and multi-agent systems—and usage to improve decision-making, efficiency, and customer experiences.

Department
Information Systems

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Identify and explain

Learning Outcome
Identify and explain core concepts of artificial intelligence and how they apply to business contexts.

Title
Demonstrate foundational skills

Learning Outcome
Demonstrate foundational skills in prompt engineering, custom agent creation, and multi-agent system design.

Title
Evaluate business use cases

Learning Outcome
Evaluate business use cases where AI technologies enhance decision-making, operational efficiency, and customer experience.

IS 115 - Introduction to Data Analytics in Python

Course Information

Teaching Area (new)
IS

Course Number
115

Teaching Area
IS

Course Title
Introduction to Data Analytics in Python

Course Description
Introduction to the field of data science, with a focus on analytics, using the most popular programming language in the discipline. Topics include introductions to: 1) Python programming, 2) data vizualization, 3) bivarate statistics and multivariate statistics, and 4) data-driven business decision-making.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
No prior programming experience necessary.

IS 120 - Introduction to Web Development

Course Information

Teaching Area (new)
IS

Course Number
120

Teaching Area
IS

Course Title
Introduction to Web Development

Course Description
Hands-on introductory web development. Foundation in the basics of all websites: HTML5 and CSS, with a focus on accessibility and standards-compliant markup for SEO optimization. From building simple HTML5 web pages to building a small but fully responsive website using modern CSS layouts and media queries. Images on the web, including SVG images, image optimization, and introduction to CSS animations. Survey of modern web frameworks and libraries and introduction to the DOM to prepare students for future web development courses.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 110 - Spreadsheet Skills and Business Analysis

IS 199R - Academic Internship: Information Systems

Course Information

Teaching Area (new)
IS

Course Number
199R

Teaching Area
IS

Course Title
Academic Internship: Information Systems

Course Description
Approved on-the-job experience. Applying classroom theory and technology to actual problems; exploring career opportunities; learning role of information systems in business environment.

Department
Information Systems

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Selection of information systems emphasis in Marriott School of Management.

Note
P/F grade.

IS 201 - Introduction to Information Systems

Course Information

Teaching Area (new)
IS

Course Number
201

Teaching Area
IS

Course Title
Introduction to Information Systems

Course Description
Create technology solutions to solve business problems. Learn database, analytics, automation, and programming skills useful to all business majors.

Department
Information Systems

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
IS 110 or concurrent enrollment.

Note
Laptop required. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
IS Concepts

Tags
206735, 1

Learning Outcome
Explain core IS concepts, such as data security, computing and networks, systems in business, and systems project management.

Title
Database

Tags
206737, 2

Learning Outcome
Design databases and query them to extract specific and nuanced data for business insights.

Title
Programming and Automation

Tags
206739, 0

Learning Outcome
Synthesize basic programming principles and apply them to automate complex and repetitive business tasks.

Title
Analyze and Visualize Data

Tags
206740, 3

Learning Outcome
Apply the tools used in modern businesses for analyzing and visualizing patterns in data to support better business decision making.

Title
Web

Learning Outcome
Demonstrate the fundamentals of web development by creating your own websites and hosting them online.

IS 302 - Introduction to Database Design and SQL for Non-Majors

Course Information

Teaching Area (new)
IS

Course Number
302

Teaching Area
IS

Course Title
Introduction to Database Design and SQL for Non-Majors

Course Description
Introduction to databases covering relational models, design, modeling, and SQL. Students build data models, write queries, apply standard notation, and design systems for their domain. Prior/concurrent completion of IS 201 or IS 303 recommended.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Prior/concurrent completion of IS 201 or IS 303 recommended.

Recommended
Not for freshmen. Must have completed at least 24 credits on campus.

Learning Outcomes

Title
Critical Thinking Skills

Tags
213910, 0, 1, 2023-08-29 09:39:30

Learning Outcome
Produce conceptual data models and solve relational algebra and SQL query problems using critical thinking skills.

Title
Written Communication

Tags
213911, 0, 2, 2023-08-29 09:39:31

Learning Outcome
Create conceptual and relational data models using standard symbols and notation for data modeling and relational database design.

Title
Group Work

Tags
213912, 0, 3, 2023-08-29 09:39:32

Learning Outcome
Collaborate effectively to complete data modeling projects.

IS 303 - Introduction to Computer Programming

Course Information

Teaching Area (new)
IS

Course Number
303

Teaching Area
IS

Course Title
Introduction to Computer Programming

Course Description
Object-oriented program design and development. Principles of algorithm formulation and implementation.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Laptop required.

Learning Outcomes

Title
Programming Fundamentals

Tags
208172, 2

Learning Outcome
Students will be able to write, run, and debug computer programs that use common control-flow structures, including sequence, selection, iteration, function calls, jump statements, and exception handling.

Title
Problem Solving

Tags
208173, 1

Learning Outcome
Students will be able to decompose small real-world problems and select appropriate control-flow structures to develop working solutions, especially to solve business needs.

Title
Object Oriented Principles

Tags
208174, 0

Learning Outcome
Students will be able to structure their code using object-oriented design principles, including aggregation, composition, inheritance, polymorphism, and different variable scopes.

Title
Safe Coding

Learning Outcome
Students will be able to implement some introductory safe coding practices into their programs, such as input validation, safe defaults, and exception handling.

Title
Accessing Data

Learning Outcome
Students will be able to read data from external sources, integrate it into the logic of their programs, and store data in accessible formats.

Title
Version Control

Learning Outcome
Students will employ version control and repository hosting software to manage their programs.

Title
Improved Learning Capabilities

Learning Outcome
Students will develop independent learning capabilities through principled use of AI and online programming resource

Title
Improve Decision Making

Learning Outcome
Students will be able to develop a working and deployed data-driven graphical interface that supports business processes and decision-making.

IS 315 - Introduction to Python Data Analytics (non majors)

Course Information

Teaching Area (new)
IS

Course Number
315

Teaching Area
IS

Course Title
Introduction to Python Data Analytics (non majors)

Course Description
Learn the python programming language in the Jupyter Notebook format. Using that skill,
learn to create the statistics and visualizations required for univariate and bivariate analyses. Also learn core data cleaning and automation techniques relevant to modern data analytics.

Department
Information Systems

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS minors only

Learning Outcomes

Title
Python Programming

Tags
213913, 0, 1, 2023-08-29 09:39:35

Learning Outcome
Program in the Python language with a focus on importing, cleaning, transforming, and exploring datasets

Title
Statistical Analysis

Tags
213914, 0, 2, 2023-08-29 09:39:37

Learning Outcome
Select, run, and interpret univariate and bivariate statistical analyses and visualizations.

Title
Data Storytelling

Tags
213915, 0, 3, 2023-08-29 09:39:39

Learning Outcome
Derive valuable insights from data and communicate a compelling story

IS 355 - Predictive AI (Machine Learning Foundations) for non-majors

Course Information

Teaching Area (new)
IS

Course Number
355

Teaching Area
IS

Course Title
Predictive AI (Machine Learning Foundations) for non-majors

Course Description
Learn to apply predictive artificial intelligence (a.k.a. machine learning) models to improve business applications and processes. This course teaches the process of building predictive AI pipelines in a standard framework.

Department
Information Systems

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- IS 115 - Introduction to Data Analytics in Python
  OR IS 505 - Introduction to Python Data Analytics (non majors)
  OR IS 315 - Introduction to Python Data Analytics (non majors)

Learning Outcomes

Title
Methods

Tags
213917, 0, 1, 2023-08-29 09:39:43

Learning Outcome
Build predictive AI models of all types based on appropriate assumptions and methods.

Title
Critical Thinking

Tags
213918, 0, 2, 2023-08-29 09:39:45

Learning Outcome
Interpret model results and make statistical inferences and predictions.

Title
Comparison

Tags
213919, 0, 3, 2023-08-29 09:39:47

Learning Outcome
Compare and dynamically select the best algorithms and features.

IS 365 - AI in Business

Course Information

Course Number
365

Teaching Area
IS

Course Title
AI in Business

Course Description
Learn to leverage generative AI for business innovation through hands-on projects in prompt engineering, templates, Custom GPTs, RAG, workflow automation, and coding—gaining practical skills to design and implement real-world AI solutions.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Implementation

Learning Outcome
Design and execute complete generative AI solutions from prompt engineering through workflow automation and deployment.

Title
Technical Proficiency

Learning Outcome
Be able to code effectively with generative AI tools, customize models for specific business use cases, and integrate AI capabilities into existing systems.

Title
Strategic Application

Learning Outcome
Be able to evaluate business requirements and select appropriate generative AI approaches, frameworks, and tools to optimize organizational processes and outcomes.

IS 401 - Project management and systems design

Course Information

Teaching Area (new)
IS

Course Number
401

Teaching Area
IS

Course Title
Project management and systems design

Course Description
Concepts and skills related to the systems development life cycle, including project management, planning, investigation, requirements definition, and systems design.

Department
Information Systems

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope.

Learning Outcomes

Title
SDLC

Tags
175751, 0

Learning Outcome
Utilize systems analysis and design techniques to understand and document project requirements.

Title
Project Management

Tags
175752, 1

Learning Outcome
Effectively plan and execute a real-world project using industry-relevant project management techniques.

IS 402 - Database Systems

Course Information

Teaching Area (new)
IS

Course Number
402

Teaching Area
IS

Course Title
Database Systems

Course Description
Master essential database concepts by learning SQL with a mainstream DBMS, applying normalization to reduce redundancy and errors, and using standard notation to design, model, and demonstrate both conceptual and relational databases effectively.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope

Learning Outcomes

Title
Database Concepts

Tags
175642, 0

Learning Outcome
Master essential database concepts.

Title
Group Work

Tags
175665, 3

Learning Outcome
Work well with one or more partners on a major data modeling assignment. On a larger team, complete a major project in the integrative exercise (INTEX).

Title
Develop Critical Thinking Skills

Tags
175741, 1

Learning Outcome
Develop critical thinking skills through producing conceptual data models and solving relational algebra and SQL query problems.

Title
Written Communication

Tags
175742, 2

Learning Outcome
Learn the standard symbols and notation for data modeling and relational database design. Demonstrate this knowledge in conceptual and relational data models.

IS 403 - Principles of Business Programming

Course Information

Teaching Area (new)
IS

Course Number
403

Teaching Area
IS

Course Title
Principles of Business Programming

Course Description
Programming business systems. Algorithms, data structures, programming patterns, and interfaces.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope

Learning Outcomes

Title
Course content

Tags
208176, 0, 1

Learning Outcome
Master fundamental programming concepts through the use of JavaScript/ Node/Express environment.

Title
Critical Thinking Skills

Learning Outcome
Develop critical thinking skills through solving programming problems in homework, on projects, and on tests.

Title
Object-oriented Programming Principles

Learning Outcome
Learn web development model view controller principles, data structures, and libraries. The subject matter of the course is object-oriented development in the JavaScript/Node/Express/PostgreSQL platform.

Title
Written Communication

Learning Outcome
Be able to identify the problem and solution and then implement a solution using software engineering practices. Learn the standard syntax for full-stack programs and other development tools. Demonstrate this knowledge by writing a significant number of programs and websites.

IS 404 - Information Technology Infrastructure

Course Information

Teaching Area (new)
IS

Course Number
404

Teaching Area
IS

Course Title
Information Technology Infrastructure

Course Description
Principles of cloud computing and data communications, local- and wide-area networks, hardware, software, media, standards, management, and business applications.

Department
Information Systems

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
IS 414; Acceptance into the Information Systems major; enrollment in an IS Core envelope

Note
To register for the IS Core, choose "Add an envelope of classes."

Learning Outcomes

Title
Knowledge

Tags
175670, 1

Learning Outcome
Explain data communications and cloud computing in general, including specific capabilities to: 1) Understand the protocols and applications of TCP/IP networking, 2) Configure cloud services, and 3) converse competently about data communications issues and challenges

Title
Problem solving

Tags
175694, 2

Learning Outcome
Solve specific problems using their understanding gained during the course.

Title
Decision making

Tags
175672, 0, 0

Learning Outcome
Explain the business and technical decisions that drive organizations' use of data communications and cloud technologies

IS 411 - Systems Design and Implementation

Course Information

Teaching Area (new)
IS

Course Number
411

Teaching Area
IS

Course Title
Systems Design and Implementation

Course Description
Later phases of systems development life cycle. System architecture, user interfaces, system interface, and application design. Testing and integration. Object-oriented development.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 401 - Project management and systems design
  AND IS 402 - Database Systems
  AND IS 403 - Principles of Business Programming

Other Prerequisites
IS 414; be an information systems major; concurrent enrollment in same section as IS 404, 405, and 413.

Learning Outcomes

Title
System Design Concepts

Tags
175667, 0

Learning Outcome
Master essential system design concepts and patterns.

Title
Group Work for Design of Systems

Tags
175669, 3

Learning Outcome
Learn to work well as a member and leader of a team in developing designs on multiple projects.

Title
Producing System Designs

Tags
175673, 1

Learning Outcome
Develop critical thinking skills through producing sound system designs to solve specific business systems processing problems.

Title
Unified Modeling Language Notation

Tags
175700, 2

Learning Outcome
Learn the standard UML symbols and notation for system design.

IS 413 - Enterprise Application Development

Course Information

Teaching Area (new)
IS

Course Number
413

Teaching Area
IS

Course Title
Enterprise Application Development

Course Description
Client- and server-side programming. Internet and Web-based applications. Enterprise systems and architectures.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 403 - Principles of Business Programming

Other Prerequisites
IS 414; Acceptance into the Information Systems major; enrollment in an IS Core envelope

Learning Outcomes

Title
Develop Information Systems in Group Setting

Tags
175712, 0, 1

Learning Outcome
Create web apps using the .NET MVC Framework.

Title
Learn Enterprise System Development Principles

Tags
175697, 0, 4

Learning Outcome
Write Razor pages using the fundamentals of C#. Use libraries such as Bootstrap, JQuery, Angular etc. in the web apps.

Title
Work as Leaders and Group Members in Development Teams

Tags
175696, 0, 2

Learning Outcome
Work as a team to build and integrate a web app.

Title
Problem Solving

Tags
175660, 0, 3

Learning Outcome
Increase confidence in ability to "figure things out" on one's own.

IS 414 - Information Systems Security and Controls

Course Information

Teaching Area (new)
IS

Course Number
414

Teaching Area
IS

Course Title
Information Systems Security and Controls

Course Description
Concepts and techniques for securing information systems and applying controls to business processes.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Information Systems major; enrollment in an IS Core envelope

Learning Outcomes

Title
Identify Information Security Threats and Vulnerabilities

Tags
175678, 0, 1

Learning Outcome
To become familiar with attack vectors that are commonly executed in attempting to access and compromise or steal data

Title
Attack Prevention and Detection

Tags
175624, 0, 2

Learning Outcome
Know modern methods of attack prevention and detection

Title
Information Security Principles

Tags
175636, 0, 0

Learning Outcome
understand confidentiality, authentication, availability, authentication, non-repudiation and apply these concepts in modern organizations

Title
Internal Controls of Business Processes

Tags
211554, 0, 3

Learning Outcome
Analyze a set of business processes and evaluate the appropriateness and deficiencies of internal controls

IS 415 - Exploratory Data Analysis

Course Information

Teaching Area (new)
IS

Course Number
415

Teaching Area
IS

Course Title
Exploratory Data Analysis

Course Description
Use the python programming language in a Jupyter Notebook format to learn the statistics and visualizations required for univariate and bivariate analyses. Learn to tell stories with data and create interactive dashboards.

Department
Information Systems

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Majors only.

Learning Outcomes

Title
Statistical Analysis

Tags
212204, 0, 1

Learning Outcome
Select, run, and interpret univariate and bivariate statistical analyses and visualizations.

Title
Data Storytelling

Tags
212205, 0, 2

Learning Outcome
Derive valuable insights from data and communicate a compelling story

Title
Interactive Dashboard

Tags
212206, 0, 3

Learning Outcome
Create and derive value from an interactive deployed dashboard.

IS 455 - Predictive AI in Business (Machine Learning Foundations)

Course Information

Teaching Area (new)
IS

Course Number
455

Teaching Area
IS

Course Title
Predictive AI in Business (Machine Learning Foundations)

Course Description
Learn to apply predictive artificial intelligence (a.k.a. machine learning) models to improve business applications and processes. This course teaches the process of building predictive AI pipelines in a standard framework.

Department
Information Systems

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 415 - Exploratory Data Analysis

Other Prerequisites
Acceptance into the Information Systems major

Learning Outcomes

Title
Methods

Tags
212273, 0, 1

Learning Outcome
Be able to execute all phases of a machine learning pipeline project

Title
Critical Thinking

Tags
212274, 0, 2

Learning Outcome
Be able to interpret model results and make statistical inferences and predictions

Title
Comparison

Tags
212275, 0, 3

Learning Outcome
Be able to deploy machine learning project results appropriately for a customer

IS 456 - Agentic AI in Business

Course Information

Course Number
456

Teaching Area
IS

Course Title
Agentic AI in Business

Course Description
Explore intelligent agents and applications, covering AI foundations, LLMs, agent types, RAG, multi-agent systems, tool use, and governance. Gain hands-on skills in prompt engineering, API integration, and designing agentic systems for business intelligence.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
AI Foundations

Learning Outcome
Describe key concepts related to generative artificial intelligence and agentic systems

Title
Process Alignment

Learning Outcome
Assess organizational processes and workflows and determine which ones align with agentic opportunities

Title
Applied Coding

Learning Outcome
Develop code that implements generative artificial intelligence and agentic components to solve business problems

Title
Search Methods

Learning Outcome
Compare and contrast keyword and semantic search

Title
Model Guidance

Learning Outcome
Guide large language models' performance through context engineering, retrieval augmented generation, and fine tuning

Title
Security Issues

Learning Outcome
Discuss key security issues facing agentic solutions

IS 490R - Mentored Research

Course Information

Teaching Area (new)
IS

Course Number
490R

Teaching Area
IS

Course Title
Mentored Research

Course Description
Mentored research opportunity; specific content will be determined in consultation between the student and the mentoring professor. Invitation only, although you may suggest the option to a professor.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Students must request admission to the course by contacting the instructor

Note
Students may complete this course a maximum of 2 times.

IS 501 - Business Information Systems

Course Information

Teaching Area (new)
IS

Course Number
501

Teaching Area
IS

Course Title
Business Information Systems

Course Description
Create technology solutions to solve business problems. Learn database, analytics, automation, and programming skills useful to all business majors.

Department
Information Systems

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
IS Concepts

Learning Outcome
Explain core IS concepts, such as data security, computing and networks, systems in business, and systems project management.

Title
Database

Learning Outcome
Design databases and query them to extract specific and nuanced data for business insights.

Title
Programming and Automation

Learning Outcome
Apply programming principles to automate complex and repetitive business tasks.

Title
Analyze and Visualize Data

Learning Outcome
Utilize modern tools for analyzing and visualizing patterns in data to support better business decision making.

Title
Web

Learning Outcome
Create their own websites and host them online.

IS 505 - Introduction to Python Data Analytics (non majors)

Course Information

Teaching Area (new)
IS

Course Number
505

Teaching Area
IS

Course Title
Introduction to Python Data Analytics (non majors)

Course Description
Learn the python programming language in the Jupyter Notebook format. Using that skill, students will learn to create the statistics and visualizations required for univariate, bivariate, and limited multivariate analyses. Learn core data cleaning and automation techniques relevant to modern data analytics

Department
Information Systems

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
No prior programming experience necessary.

Learning Outcomes

Title
Python Programming

Learning Outcome
Program in the Python language with a focus on importing, cleaning, transforming, and exploring datasets

Title
Statistical Analysis

Learning Outcome
Select, run, and interpret univariate, bivariate, and multivariate statistical analyses and visualizations.

Title
Data Storytelling

Learning Outcome
Derive valuable insights from data and communicate a compelling story

IS 515 - Advanced Spreadsheets for Business Analysis

Course Information

Teaching Area (new)
IS

Course Number
515

Teaching Area
IS

Course Title
Advanced Spreadsheets for Business Analysis

Course Description
Focus on learning advanced functionality of spreadsheets to support business analysis and decision making. Topics covered include names, dates and times, debugging, arrays and array formulas, counting and summing techniques, pivot tables, data importing and cleaning, text manipulation, advanced decision making, and more.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 201; IS 201 or equivalent.

IS 520 - Business Programming and Spreadsheet Automation

Course Information

Teaching Area (new)
IS

Course Number
520

Teaching Area
IS

Course Title
Business Programming and Spreadsheet Automation

Course Description
Programming in Excel Visual Basic; automating common tasks; retrieving data from web servers; building optimization models and user forms.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 201 or equivalent or instructor's consent

Learning Outcomes

Title
Understand Basic Programming Concepts

Tags
175623, 1

Learning Outcome
Understand basic programming concepts such as variables, arrays, procedures, conditions, and control of flow statements

Title
Retrieve Data from Internet and Database Servers

Tags
175625, 2

Learning Outcome
Retrieve data from internet web servers and corporate database servers.

Title
Automate Repetitive Procedures in Excel

Tags
175638, 0

Learning Outcome
Automate repetitive procedures in Excel.

Title
Build Forms for Gathering User Input

Tags
175702, 4

Learning Outcome
Build forms for gathering user input

Title
Apply Programming Technology to Solve Business Problems

Tags
175707, 3

Learning Outcome
Apply programming technology to solve unstructured business problems.

IS 531 - Enterprise Infrastructure

Course Information

Teaching Area (new)
IS

Course Number
531

Teaching Area
IS

Course Title
Enterprise Infrastructure

Course Description
Principles of IT enterprise infrastructure management with an emphasis on cloud technologies, containers, Linux, and DevOps.

Department
Information Systems

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MISM program; IS 404 or equivalent

Learning Outcomes

Title
Essential Concepts

Tags
175632, 0, 0

Learning Outcome
Demonstrate concepts in cloud infrastructure and devops.

Title
Linux

Tags
175704, 0, 1

Learning Outcome
Utilize Linux for operations.

Title
Containers

Tags
175705, 0, 2

Learning Outcome
Create and deploy customized containers for running applications.

Title
DevOps

Tags
175626, 0, 3

Learning Outcome
Explain principles of DevOps and build applications according to best practices.

IS 532 - Cloud Engineering and DevOps

Course Information

Course Number
532

Teaching Area
IS

Course Title
Cloud Engineering and DevOps

Course Description
Introduction to serverless infrastructure with AWS, teaching students to design and deploy applications using DevOps principles, communicate about infrastructure, and master tools like S3, CloudFront, Lambda, API Gateway, DynamoDB, IaC, and a chosen cloud topic.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- IS 404 - Information Technology Infrastructure

Learning Outcomes

Title
Knowledge

Learning Outcome
Deepen their understanding of topics in a seminar in information systems.

Title
Deploy serverless application

Learning Outcome
Design and deploy a serverless application on cloud-based infrastructure.

Title
Utilize Serverless DevOps

Learning Outcome
Use tools such as Infrastructure as Code in the Serverless Context.

Title
Certification Preparation

Learning Outcome
Partially prepared to pass the AWS Cloud Developer Associate Exam.

IS 533 - Advanced Data Communications

Course Information

Teaching Area (new)
IS

Course Number
533

Teaching Area
IS

Course Title
Advanced Data Communications

Course Description
Design, management, and strategic use of local area networks (LANs), wide area networks (WANs), intranets, and the Internet to solve business problems.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 404 or equivalent

Learning Outcomes

Title
Infrastructure Security Applications

Tags
175637, 3

Learning Outcome
Install, configure and secure and manage infrastructure security applications.

Title
Data Communications Competency

Tags
175639, 5

Learning Outcome
Converse competently with IT professionals who specialize in data communications. Understand and debate current data communications issues.

Title
Layer 3 Network Devices

Tags
175641, 2

Learning Outcome
Install, configure secure and manage layer 3 network devices such as routers and firewalls

Title
Layer 2 Network Infrastructure

Tags
175659, 1

Learning Outcome
Design, install and configure a secure layer 2 network infrastructure

Title
Secure Network Protocols

Tags
175676, 4

Learning Outcome
Design and configure secure network protocols.

Title
Basic Network Hardware

Tags
175708, 0

Learning Outcome
Set up and configure basic network hardware such as; cabling, switches, and routers.

IS 537 - Data Structures and Algorithms

Course Information

Teaching Area (new)
IS

Course Number
537

Teaching Area
IS

Course Title
Data Structures and Algorithms

Course Description
Programming concepts for IS majors pursuing careers in software development. Concepts include lists, stacks, queue, maps, and other structures; sorting and other algorithms; recursion; and computational complexity analysis.

Department
Information Systems

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 403 - Principles of Business Programming

Learning Outcomes

Title
Essential Concepts

Tags
212732, 0, 1

Learning Outcome
Explain essential concepts in data structures and algorithms.

Title
Critical Thinking

Tags
212733, 0, 2

Learning Outcome
Develop critical thinking skills through solving programming problems.

Title
Written and Verbal Communication

Tags
212734, 0, 3

Learning Outcome
Identify the best data structure and algorithm to be used to solve a given problem and then implement and validate your solution. Be able to show that your solution is optimal with regard to specific measures of quality or suitability.

IS 540 - Spreadsheet and Database Automation Programming

Course Information

Teaching Area (new)
IS

Course Number
540

Teaching Area
IS

Course Title
Spreadsheet and Database Automation Programming

Course Description
Automating spreadsheets in Excel, interacting with password-protected web sites, writing code to conduct simulations, solving common database interface problems in Access, etc.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 202 or C S 142; or equivalent; or instructor's consent

Learning Outcomes

Title
Automate Repetitive Procedures in Excel

Tags
175631, 0

Learning Outcome
Automate repetitive procedures in Excel

Title
Understand Basic Programming Concepts

Tags
175658, 1

Learning Outcome
Understand basic programming concepts such as variables, arrays, procedures, conditions, and control of flow statements.

Title
Apply Programming Technology to Solve Business Problems

Tags
175689, 3

Learning Outcome
Apply programming technology to solve unstructured business problems.

Title
Build Forms for Gathering User Input

Tags
175698, 4

Learning Outcome
Build forms for gathering user input

Title
Retrieve data from internet and database servers

Tags
175703, 2

Learning Outcome
Retrieve data from internet web servers and corporate database servers.

IS 542 - Advanced Web Development

Course Information

Teaching Area (new)
IS

Course Number
542

Teaching Area
IS

Course Title
Advanced Web Development

Course Description
Web development techniques, emphasizing client-side programming, programming language details, and front-end libraries and frameworks.

Department
Information Systems

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 403 or equivalent

Learning Outcomes

Title
Web Development

Tags
175653, 0

Learning Outcome
Design modern web application development.

Title
Programming Language

Tags
175655, 1

Learning Outcome
Program effectively in the JavaScript and/or TypeScript programming language(s) using best practices of web software engineering.

Title
Real-World Problems

Tags
175674, 5

Learning Outcome
Analyze and solve real world problems by exploring a web development framework such as Node/React as an implementation example and creating a dynamically generated website.

IS 543 - Mobile Platform Development

Course Information

Teaching Area (new)
IS

Course Number
543

Teaching Area
IS

Course Title
Mobile Platform Development

Course Description
Principles of mobile platforms. Application development for mobile platforms such as smart phones and tablets. Emphasizing best practices in user experience and programming.

Department
Information Systems

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
IS 413 or equivalent

Learning Outcomes

Title
Mobile Platforms

Tags
175746, 0, 0

Learning Outcome
Describe the features and upcoming trends of the common mobile platforms so that you can develop a credible and convincing mobile strategy for your organization.

Title
Human Interface Guidelines

Tags
175747, 0, 1

Learning Outcome
Discuss/explain human interface guidelines for mobile platforms generally, and the iOS platform specifically.

Title
Development Tools

Tags
175748, 0, 2

Learning Outcome
Recognize and apply tools required for iOS application development.

Title
Robust Apps

Tags
175749, 0, 3

Learning Outcome
Develop a robust iOS application.

Title
Web Services

Tags
175750, 0, 4

Learning Outcome
Design and implement a mobile application that uses a web services API.

IS 545 - Machine Learning for Business

Course Information

Course Number
545

Teaching Area
IS

Course Title
Machine Learning for Business

Course Description
This intermediate course provides students with a practical overview of machine learning techniques using Python. Emphasizing real-world applications, the course covers essential algorithms such as linear and logistic regression, decision trees, clustering, and neural networks. Students will develop skills to analyze complex business data, build predictive models, and interpret model outputs to make data-driven decisions. Students will also learn how to build recommendation engines and perform text and image processing.

Department
Information Systems

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- IS 315 - Introduction to Python Data Analytics (non majors)
  OR IS 505 - Introduction to Python Data Analytics (non majors)

Learning Outcomes

Title
Apply Machine Learning Algorithms to Business Problems

Learning Outcome
Select and implement machine learning algorithms for various business contexts, such as forecasting, customer segmentation, and risk assessment.

Title
Develop and Evaluate Predictive Models

Learning Outcome
Build, train, and validate machine learning models in Python, assessing model performance using metrics like accuracy, precision, and recall.

Title
Analyze and Preprocess Business Data

Learning Outcome
Utilize Python libraries to clean, preprocess, and visualize business data, preparing it for use in machine learning models.

Title
Interpret Model Outputs for Decision-Making

Learning Outcome
Translate complex model outputs into actionable insights for strategic business decisions, ensuring alignment with business goals and ethical considerations.

IS 550 - MISM Capstone Introduction

Course Information

Teaching Area (new)
IS

Course Number
550

Teaching Area
IS

Course Title
MISM Capstone Introduction

Course Description
Presentations by faculty and professionals to make students aware of the latest developments in the field. Prepare a capstone project proposal.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Final year in MISM.

Learning Outcomes

Title
Project planning and scheduling

Tags
175720, 2

Learning Outcome
Design a schedule for your capstone project that reflects and understanding of the overall scope of the work, the time required in each of the major phases, and the resources needed to complete the work.

Title
Developing a feasible proposal

Tags
175721, 1

Learning Outcome
Draft and clear and feasible proposal for your capstone project. Describe the business problem you trying to solve as well as the IS tools you will apply to your solution. Include a high-level design of the system you will working on.

IS 551 - User Experience Design and Technical Leadership

Course Information

Teaching Area (new)
IS

Course Number
551

Teaching Area
IS

Course Title
User Experience Design and Technical Leadership

Course Description
Leadership in a technical field, and user experience design in the context of web and mobile application development.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to a Marriott School graduate program.

Learning Outcomes

Title
3. Design and implement user interfaces.

Tags
175755, 3

Learning Outcome
Using a team-based, iterative focus, design and build graphical user interfaces for Web applications. Document and present the process, end-result, and lessons learned.

Title
5. Develop a personal leadership strategy.

Tags
175756, 5

Learning Outcome
Establish and document your personal leadership strategy for a career in a technical field.

Title
1. Build the case for IT-enabled organizational change.

Tags
175757, 1

Learning Outcome
Prepare a written report building the strategic case for IT-enabled organizational change.

Title
2. Discuss technical change management with professionals.

Tags
175758, 2

Learning Outcome
Analyze actual change situations drawing on the principles of effective technical change management and leadership through discussions with professionals.

Title
4. Create a toolkit of user-centered design best practices.

Tags
175759, 4

Learning Outcome
Build a set of best practices for developing user interfaces.

IS 552 - MISM Capstone Project

Course Information

Teaching Area (new)
IS

Course Number
552

Teaching Area
IS

Course Title
MISM Capstone Project

Course Description
Development and completion of capstone project integrating information systems knowledge previously gained in the MISM program

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MISM.

Learning Outcomes

Title
Contribute to Team

Tags
175679, 3

Learning Outcome
Contribute to your project team through timely communication and assume responsibility for your assigned role.

Title
Learn Consulting Tools & Techniques

Tags
175680, 0

Learning Outcome
Learn the tools and techniques used during a consulting engagement, including diagnosis, planning, and problem solving.

Title
Apply Management & IT/IS Knowledge

Tags
175682, 1

Learning Outcome
Apply many of the project management, IT/IS, teamwork, and business knowledge that you have learned in the course of your graduate education.

Title
Demonstrate Effective Oral & Written Communication

Tags
175699, 4

Learning Outcome
Demonstrate through a final written and oral report to the client that you are able to communicate effectively, both orally and in writing.

Title
Apply Management Consulting Skills

Tags
175701, 2

Learning Outcome
Apply management consulting skills to consulting situations.

IS 554 - Investigative and Forensic Data Analysis

Course Information

Course Number
554

Teaching Area
IS

Course Title
Investigative and Forensic Data Analysis

Course Description
This course develops investigative data analysis skills through a practical framework, staged inquiry, and a comprehensive project, with assignments reinforcing discussions to build both a forensic mindset and strong analytical abilities.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analytical Process

Learning Outcome
Articulate and follow a structured investigative analytical process.

Title
Data Modeling

Learning Outcome
Build complex data models that incorporate multiple logic paths.

Title
Findings & Reporting

Learning Outcome
Produce well-developed findings and communicate them effectively in reports.

Title
Documentation

Learning Outcome
Create clear, well-organized supporting documentation.

IS 555 - Data Science Workflows for Organizations

Course Information

Teaching Area (new)
IS

Course Number
555

Teaching Area
IS

Course Title
Data Science Workflows for Organizations

Course Description
End-to-end data science workflows using R, with a focus on strategy, team management, and real-world experience. Students will become thoughtful, detail-oriented, utility-focused data professionals who appreciate the grit required to deliver real-world, meaningful value through data assets.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- IS 455 - Predictive AI in Business (Machine Learning Foundations)
  OR IS 505 - Introduction to Python Data Analytics (non majors)

Learning Outcomes

Title
Collaborate

Tags
175691, 0, 1

Learning Outcome
Collaborate in a team setting to effectively create, evaluate, maintain, and update an end-to-end machine learning model pipeline that produces value in the problem space

Title
Methods

Tags
175628, 0, 0

Learning Outcome
Assemble, store, manipulate, visualize, and refresh a real-world dataset that informs a meaningful problem space

Title
Ethics

Tags
175685, 0, 2

Learning Outcome
Identify (and be conversational about) sources of bias, performance issues, and ethical and regulatory considerations, and explain how these will affect stakeholders and others.

Title
Evaluate

Learning Outcome
Defend model choice in terms of algorithm, validity, performance, and practical relevance to both data-savvy and non-technical stakeholders

IS 556 - Data Engineering

Course Information

Course Number
556

Teaching Area
IS

Course Title
Data Engineering

Course Description
Learn modern data engineering by designing pipelines, building APIs, and managing data across storage systems—gaining hands-on experience with technologies and mastering the full ETL lifecycle in a data warehouse.

Department
Information Systems

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the key processes involved in data engineering

Learning Outcome
Explain the fundamental role of data engineering within a broader technology strategy and chart a clear data engineering career path.

Title
Design and implement efficient data pipelines

Learning Outcome
Demonstrate familiarity with the standard technologies, platforms, and tools used to accomplish data ingestion, storage, and orchestration in a data engineering context

Title
Design and implement a modern data warehouse

Learning Outcome
Using code-based ETL tools, demonstrate how to design, implement, and collaborate on a data warehouse that follows current industry best-practices

Title
Build and deploy robust APIs

Learning Outcome
Demonstrate how to build, document, and deploy a state-of-the-art API endpoint

IS 560 - Information Security Management.

Course Information

Teaching Area (new)
IS

Course Number
560

Teaching Area
IS

Course Title
Information Security Management.

Course Description
How technology, organizations, and people interact to create secure information systems. Topics include data encryption, physical security, information security policies, and security awareness and training.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
I Sys 404 or equivalent.

Learning Outcomes

Title
Learning Methods of Attack Prevention and Detection

Tags
175645, 2

Learning Outcome
To learn modern methods of attack prevention and detection: antivirus, firewalls, intrusion detection, and system hardening

Title
Working Knowledge of Methods of Protecting Data

Tags
175652, 0

Learning Outcome
To gain a working knowledge of modern methods of protecting data: encryption, hashing, confidentiality, authentication, integrity, non-repudiation, certificates, and IP security.

Title
Familiarity with Attack Vectors

Tags
175688, 1

Learning Outcome
To become familiar with attack vectors that are commonly executed in attempting to access and compromise or steal data

Title
Learn Methods of Threat Modeling

Tags
175706, 3

Learning Outcome
To learn state-of-the-art methods of threat modeling.

IS 562 - Information Systems Product Management

Course Information

Teaching Area (new)
IS

Course Number
562

Teaching Area
IS

Course Title
Information Systems Product Management

Course Description
Product management techniques from gathering requirements, choosing a solution, and planning its implementation.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to a Marriott School graduate program.

Learning Outcomes

Title
Define a problem

Tags
213924, 0, 1, 2023-08-29 09:40:39

Learning Outcome
Perform qualitative and quantitative research to understand and define problems

Title
Plan a solution

Tags
213925, 0, 2, 2023-08-29 09:40:42

Learning Outcome
Ideate, prototype, and test a solution and make a plan to implement it

IS 565 - Digital Forensics for Organizations

Course Information

Teaching Area (new)
IS

Course Number
565

Teaching Area
IS

Course Title
Digital Forensics for Organizations

Course Description
Digital forensics from an organizational perspective, covering the three functions of digital forensics performed by businesses: employee abuse investigations, incident response, and electronic discovery.

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- IS 414 - Information Systems Security and Controls
  OR CYBER 366 - Defensive Cybersecurity
  OR C S 465 - Computer Security

Fee
200

Learning Outcomes

Title
Digital Evidence

Tags
175651, 0, 0

Learning Outcome
Properly acquire, analyze, and interpret digital evidence.

Title
Threat intelligence

Tags
175681, 0, 1

Learning Outcome
Leverage intelligence and threat detection techniques.

Title
Vulnerabilities

Tags
175629, 0, 2

Learning Outcome
Identify, address, and recommend preventative measures for vulnerabilities.

Title
Incident response

Tags
175644, 0, 3

Learning Outcome
Effectively respond to and recover from incidents.

Title
Communicate findings

Tags
212192, 0, 4

Learning Outcome
Communicate findings to various stakeholders

IS 566 - Advanced Database Management

Course Information

Teaching Area (new)
IS

Course Number
566

Teaching Area
IS

Course Title
Advanced Database Management

Course Description
This course explores advanced concepts in database management systems, focusing on complex database architectures, data modeling, and performance optimization. Topics include transaction management, distributed databases, data warehousing, and advanced SQL programming. Through practical applications and case studies, students will gain hands-on experience in designing, managing, and optimizing large-scale databases, with an emphasis on scalability, reliability, and security.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 402 - Database Systems

Learning Outcomes

Title
Design and Implement Complex Database Solutions

Learning Outcome
Apply advanced data modeling techniques to design robust databases for complex applications, ensuring data integrity and scalability.

Title
Optimize Database Performance

Learning Outcome
Analyze and optimize database performance using indexing, query optimization, and transaction management strategies.

Title
Manage Distributed and NoSQL Databases

Learning Outcome
Demonstrate proficiency in managing distributed and NoSQL databases, addressing data consistency and replication challenges.

Title
Ensure Data Security and Integrity

Learning Outcome
Implement security protocols and access control measures to safeguard data, applying best practices in database security and compliance.

IS 567 - Cybersecurity and Penetration Testing

Course Information

Teaching Area (new)
IS

Course Number
567

Teaching Area
IS

Course Title
Cybersecurity and Penetration Testing

Course Description
Advanced computer systems security, vulnerabilities and exploits, system and network attacks, ethical hacking and penetration testing. Also cyber security, cyber weapons, and advanced persistent threats along with legal and regulatory requirements for security and privacy.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- IS 414 - Information Systems Security and Controls
  OR CYBER 366 - Defensive Cybersecurity
  OR C S 465 - Computer Security

Fee
200

Learning Outcomes

Title
Cybersecurity Assessments

Tags
214697, 0, 1

Learning Outcome
Plan and conduct cybersecurity assessments, including penetration tests and risk evaluations, using standard methodologies.

Title
Legal and Ethical Behavior

Tags
214698, 0, 2

Learning Outcome
Apply legal and ethical principles while adopting an attacker's perspective to identify and exploit system vulnerabilities responsibly.

Title
Tools & Techniques

Tags
214699, 0, 3

Learning Outcome
Select and use appropriate tools to perform reconnaissance, scanning, exploitation, and post-exploitation tasks. Analyze and interpret results to guide next steps and achieve assessment objectives.

Title
Communicate Results and Remediation

Tags
214700, 0, 4

Learning Outcome
Create professional reports and presentations that clearly communicate technical findings, risks, and recommendations to both technical and non-technical audiences.

Title
Teamwork and Project Management

Learning Outcome
Collaborate effectively in a team to plan, execute, and present a cybersecurity project.

Title
Character Development

Learning Outcome
Become more like our Savior by engaging in reflective practices to foster growth in key character areas such as curiosity, persistence, and effective communication.

IS 571 - Introduction to Academic Research in Information Systems

Course Information

Teaching Area (new)
IS

Course Number
571

Teaching Area
IS

Course Title
Introduction to Academic Research in Information Systems

Course Description
Conducting academic information systems research, including philosophy of science, causality, validity, research proposal development, and research methods.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to MISM program; instructor's consent.

Learning Outcomes

Title
Effective Team Work

Tags
175640, 0

Learning Outcome
Work in groups and be part of an effective team.

Title
Strategic Management Proficiency

Tags
175647, 3

Learning Outcome
Synthesize the subject matter of the degree (in this case, Strategic Management of IS).

Title
Ethics Development

Tags
175654, 2

Learning Outcome
Apply principles of ethics.

Title
Effective Oral and Written Communication

Tags
175656, 1

Learning Outcome
Communicate effectively, both orally and in writing.

IS 572 - Structural Equation Modeling

Course Information

Teaching Area (new)
IS

Course Number
572

Teaching Area
IS

Course Title
Structural Equation Modeling

Course Description
Science and theory; constructs and measurement; surveys and experiments; data screening; human subjects protocols (IRB); factor analysis; model fit; academic writing.

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- IS 571 - Introduction to Academic Research in Information Systems

Other Prerequisites
Instructor's consent.

Recommended
Stat 121

Learning Outcomes

Title
Expose Students to Leading Theory in IS

Tags
175635, 3

Learning Outcome
To expose students to some of the leading rigorous theory in IS.

Title
Teach Students Process of Science & Theory-based IS Research

Tags
175643, 0

Learning Outcome
To teach potential IS Ph.D. students about the process of science and theory-based IS research.

Title
Provide Real-life Academic Research Experience

Tags
175683, 2

Learning Outcome
To provide students with real-life academic research experience with a real project.

Title
Help Students Learn Forms of IS Research

Tags
175710, 1

Learning Outcome
To help potential IS Ph.D. students learn about various forms of Information Systems (IS) research.

IS 581 - Managing a Software Startup

Course Information

Teaching Area (new)
IS

Course Number
581

Teaching Area
IS

Course Title
Managing a Software Startup

Course Description
Focuses on managing the people, processes, and infrastructure that promote a scalable, sustainable, and sellable software product. Additional focus on decisions faced by the chief technology officer, tech founder, or other tech lead in helping build a new venture. Gain practical managerial and technical experience utilizing a lean-startup approach to implement a tech strategy and architecture for a software startup. Major topics include managing product innovation, managing the dev methodology, managing tech team, designing architecture, managing security, and supporting sales.\n

Department
Information Systems

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain Roles

Tags
214701, 0, 1

Learning Outcome
Students will be able to discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups

Title
Methods

Tags
214702, 0, 2

Learning Outcome

Students will be able to organize and manage the development methodology in a startup

Title
Collaboration

Tags
214703, 0, 3

Learning Outcome

Students will be able to explain techniques to manage a tech team and culture in a collaborative development environment

Title
Design

Tags
214704, 0, 4

Learning Outcome

Students will be able to design a robust, scalable, and reliable architecture for a commercial software product

Title
Security

Tags
214705, 0, 5

Learning Outcome

Students will be able to assess and manage the security in a software startup

Title
Market

Tags
214706, 0, 6

Learning Outcome

Students will be able to appropriately engage in Marketing / Sales as a Tech Lead

IS 582 - Tech Strategy and Leadership

Course Information

Teaching Area (new)
IS

Course Number
582

Teaching Area
IS

Course Title
Tech Strategy and Leadership

Course Description
Explores responsibilities and career paths of senior IT leaders. Topics include leadership, strategy, cost of IT, value of IT, etc. Instructional delivery consists of lectures, case discussions, student presentations, and in-class exercises. \n \n

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Career paths

Tags
214694, 0, 1

Learning Outcome

Students will be able to explain the career paths of senior IT executives

Title
Decision Making

Tags
214695, 0, 2

Learning Outcome

Students will apply decision making frameworks specific to the different areas of concern for senior IT management

Title
Strategic Approaches

Tags
214696, 0, 3

Learning Outcome

Students will develop strategic approaches to the use of IT in business for operational excellence and competitive advantage

IS 585R - Healthcare Research Hub

Course Information

Teaching Area (new)
IS

Course Number
585R

Teaching Area
IS

Course Title
Healthcare Research Hub

Course Description
Collaborate with faculty, students, and industry partners around the world on healthcare research. Generate knowledge on relevant healthcare industry topics based on rigorous academic research partnered with industry leaders.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Investigate Healthcare Problems with Data

Learning Outcome
Investigate current healthcare-related problems using real data.

Title
Compose Research

Learning Outcome
Compose healthcare-related research papers based on current healthcare industry dilemmas.

Title
Present Research

Learning Outcome
Present research using the information and data collected and researched throughout the course.

IS 588 - Healthcare Industry Dynamics

Course Information

Teaching Area (new)
IS

Course Number
588

Teaching Area
IS

Course Title
Healthcare Industry Dynamics

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the Healthcare Industry

Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

IS 590R - Managing a Software Startup

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Managing a Software Startup

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups

Tags
207967, 1

Learning Outcome
Discuss the responsibilities of CTOs, tech leaders, and tech founders for software startups

Title
Organize and manage the development methodology in a startup

Tags
207968, 2

Learning Outcome
Organize and manage the development methodology in a startup

Title
Discuss techniques to manage a tech team and culture in a collaborative development environment

Tags
207969, 3

Learning Outcome
Discuss techniques to manage a tech team and culture in a collaborative development environment

Title
Design a robust, scalable, and reliable architecture for a commercial software product

Tags
207970, 4

Learning Outcome
Design a robust, scalable, and reliable architecture for a commercial software product

Title
Assess and manage the security in a software startup

Tags
207971, 5

Learning Outcome
Assess and manage the security in a software startup

Title
Appropriately engage in Marketing / Sales from as a Tech Lead

Tags
207972, 6

Learning Outcome
Appropriately engage in Marketing / Sales from as a Tech Lead

IS 590R - User-Centered Interface Design

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
User-Centered Interface Design

Department
Information Systems

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
175728, 1

Learning Outcome
Students will deepen their understanding of user-centered interface design.

IS 590R - Computer Forensics

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Computer Forensics

Department
Information Systems

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
175725, 1

Learning Outcome
Students will deepen their understanding of computer forensics.

IS 590R - Network Administration

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Network Administration

Department
Information Systems

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
175726, 1

Learning Outcome
Students will deepen their understanding of network administration.

IS 590R - Android Mobile Development

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Android Mobile Development

Department
Information Systems

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

IS 590R - Seminar in Information Systems

Course Information

Teaching Area (new)
IS

Course Number
590R

Teaching Area
IS

Course Title
Seminar in Information Systems

Course Description
Special topics by announcement.

Department
Information Systems

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
175727, 1

Learning Outcome
Students will deepen their understanding of topics in a seminar in information systems.

IS 595R - International Experience

Course Information

Teaching Area (new)
IS

Course Number
595R

Teaching Area
IS

Course Title
International Experience

Course Description
Study abroad to examine International Business techniques and how technology is used to solve a variety of problems. Each country visited is experiencing the technology-based Fourth Industrial Revolution and is trying to establish itself as the leader. Investigate and compare how each country is striving to become the center for the Fourth Industrial Revolution and determine what factors are driving this change.

Department
Information Systems

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
6

IS 596R - Global Technologies

Course Information

Teaching Area (new)
IS

Course Number
596R

Teaching Area
IS

Course Title
Global Technologies

Course Description
Discover how technology can lead to opportunities and disruptions for business in a global market. Explore the different ways technologies impact innovation globally and locally. Examine the technology aspects of interacting with other cultures. Practical exercises in observation, documentation, and research.\n\n

Department
Information Systems

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
6

Learning Outcomes

Title
Experience

Tags
214707, 0, 1

Learning Outcome

Students will use the perspectives they obtain from visiting, observing, and interacting with global companies to build systems and manage effectively in their careers

IS 599R - Academic Internship: Information Systems

Course Information

Teaching Area (new)
IS

Course Number
599R

Teaching Area
IS

Course Title
Academic Internship: Information Systems

Course Description
Approved on-the-job experience. Applying classroom theory and technology to actual problems; exploring career opportunities; learning role of information systems in business environment.

Department
Information Systems

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Admission to Marriott School graduate program; departmental consent.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Knowledge

Tags
175722, 1

Learning Outcome
Students will use the skill and knowledge they have learning in their program in an academic internship.

ITAL 101 - First-Year Italian, Part 1

Course Information

Teaching Area (new)
ITAL

Course Number
101

Teaching Area
ITAL

Course Title
First-Year Italian, Part 1

Course Description
Daily development of the four language skills: understanding, speaking, reading, and writing.

Department
French and Italian

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Sentence Recognition

Tags
192246, 2

Learning Outcome
Will understand simple sentences on familiar subjects in Italian.

Title
Speaking Competence

Tags
192247, 3

Learning Outcome
Will speak simple sentences on familiar subjects in Italian.

Title
Grammar Mastery

Tags
192248, 1

Learning Outcome
Become familiar with basic grammatical rules in Italian, including some verb tenses and their conjugations.

ITAL 102 - First-Year Italian, Part 2

Course Information

Teaching Area (new)
ITAL

Course Number
102

Teaching Area
ITAL

Course Title
First-Year Italian, Part 2

Course Description
Continuation of Ital 101.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 101 - First-Year Italian, Part 1

Other Prerequisites
or consent of the Italian faculty adviser.

Learning Outcomes

Title
Grammar Mastery

Tags
192249, 1

Learning Outcome
Become familiar with grammatical rules in Italian, especially the verb tenses and their conjugations.

Title
Sentence recognition

Tags
192250, 2

Learning Outcome
Students will understand simple sentences on familiar topics in Italian.

Title
Speaking Competence

Tags
192251, 3

Learning Outcome
Students will speak simple sentences on familiar topics in Italian.

ITAL 201 - Intermediate Italian 1

Course Information

Teaching Area (new)
ITAL

Course Number
201

Teaching Area
ITAL

Course Title
Intermediate Italian 1

Course Description
Reading, writing, conversation, vocabulary building, and review of grammar.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 102 - First-Year Italian, Part 2

Other Prerequisites
or consent of the Italian faculty adviser.

Learning Outcomes

Title
Grammar Mastery

Tags
192252, 1

Learning Outcome
Students will expand their knowledge of Italian grammar by reviewing and increasing their understanding of rules and structures.

Title
Speaking Competence

Tags
192253, 2

Learning Outcome
Students will learn to handle most uncomplicated communication and social situations in Italian. Sustain a general conversation and understand longer connected discourse on topics dealing with different times and places.

Title
Expected course outcome

Tags
192254, 3

Learning Outcome
Students will develop competence consistent with the "Intermediate" range of the ACTFL Proficiency Guidelines.http://actflproficiencyguidelines2012.org/

Title
Reading Competence

Tags
192359, 4

Learning Outcome
Students will read texts dealing with descriptions and narration.

ITAL 202 - Intermediate Italian 2

Course Information

Teaching Area (new)
ITAL

Course Number
202

Teaching Area
ITAL

Course Title
Intermediate Italian 2

Course Description
Final course for GE Foreign Language requirement (except for returned missionaries); extensive reading in Italian literature and culture.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 201 - Intermediate Italian 1

Other Prerequisites
or instructor's consent.

Note
Capstone course for GE Language of Learning requirement for students who have not served a mission in Italy.

Learning Outcomes

Title
Read and Analyze Italian Literature

Tags
191522, 2

Learning Outcome
Develop a critical approach to Italian literature through a second-year proficiency level in Italian, analyzing a selection of literary works (listed in the syllabus) within their historical and cultural context.

Title
Understand and apply basic literary analysis

Tags
191523, 3

Learning Outcome
Apply the fundamentals of literary interpretation to the texts we discuss.

Title
Communicate effectively in Italian

Tags
191524, 6

Learning Outcome
Improve oral and written skills in Italian, particularly reading and listening comprehension, written production, and oral expression. Linguistic expected outcome for successful students will target approximately the "Intermediate" range on the ACTFL Proficiency scale.

ITAL 211R - Second-Year Conversation

Course Information

Teaching Area (new)
ITAL

Course Number
211R

Teaching Area
ITAL

Course Title
Second-Year Conversation

Course Description
Intermediate conversation skills. Can be fulfilled through language residency program.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 101 - First-Year Italian, Part 1

Other Prerequisites
or equivalent. May be taken concurrently with Ital 102, 201, 202

Note
May be taken concurrently with Ital 201.

Learning Outcomes

Title
Speaking Competence

Tags
192255, 1

Learning Outcome
Students will describe and narrate in present, past and future times in the context of paragraph-level speech, and initiate and maintain conversations about autobiographical and concrete topics by asking and responding to questions and coping with gaps in knowledge.

Title
Vocabulary

Tags
192256, 2

Learning Outcome
Speak using an appropriate variety of vocabulary related to autobiographical and concrete topics.

ITAL 311R - Third-Year Conversation

Course Information

Teaching Area (new)
ITAL

Course Number
311R

Teaching Area
ITAL

Course Title
Third-Year Conversation

Course Description
Advanced conversation skills. Can be fulfilled through language residency program.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 101 - First-Year Italian, Part 1

Other Prerequisites
or equivalent. May be taken concurrently with Ital 102, 201, 202.

Recommended
ITAL 102; ITAL 102

Note
The class schedule will indicate the following in a Header (as in German and French):

Hours 1(min) - 2(max) credit hours, 2 class hours a week, and 0 lab hours
Headers FREN 311R section 001: This section is only for students living in the Language Immersion Student Residence.

The sections might look like the following:
001 Day Classroom Instructor v2.0
002 Day Classroom instructor 2.00

Learning Outcomes

Title
Vocabulary

Tags
192257, 2

Learning Outcome
Speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current events and plots of books or movies.

Title
Speaking Competence

Tags
192373, 1

Learning Outcome
Students will describe and narrate in present, past and future time frames in the context of paragraph-level speech about autobiographical and concrete topics, current events, plots of books or movies and state opinion.

ITAL 315 - Focused Readings in Italian

Course Information

Teaching Area (new)
ITAL

Course Number
315

Teaching Area
ITAL

Course Title
Focused Readings in Italian

Course Description
Upon completion of this course, students will have mastered a basic reading proficiency in Italian for use in various disciplines or for personal interest. Students will read from a variety of text types in order to learn a range of linguistic structures and vocabulary, and become familiar with essential verbs and common syntax.\n\n

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ITAL 317 - (Fren-Ital) French and Italian Cinema

Course Information

Teaching Area (new)
ITAL

Course Number
317

Teaching Area
ITAL

Course Title
(Fren-Ital) French and Italian Cinema

Course Description
Background for understanding and appreciating the best of motion picture art in France and Italy. Includes components of critical theory essential for analyzing film. Language of instruction is English; no knowledge of French or Italian required.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Learning Outcomes

Title
Aesthetic Judgment

Tags
192380, 3

Learning Outcome
Develop critical skills for aesthetic judgment in applying acquired technical knowledge to the films of individual filmmakers from these two traditions.

ITAL 321 - Advanced Language Skills Part 1

Course Information

Teaching Area (new)
ITAL

Course Number
321

Teaching Area
ITAL

Course Title
Advanced Language Skills Part 1

Course Description
Intensive review of grammar; vocabulary building and composition

Department
French and Italian

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Ital 202, or RM from Italy, or consent of instructor

Learning Outcomes

Title
Grammar Mastery

Tags
192183, 1

Learning Outcome
Show control of Italian morphology and increase vocabulary knowledge

Title
Speaking Competence

Tags
192184, 2

Learning Outcome
Handle linguistic tasks and social situations in Italian with confidence, and communicate on topics of current public and personal interest.

Title
Advanced Functionality on the ACTFL Scale

Tags
192185, 4

Learning Outcome
Students will develop functional abilities consistent with the "Advanced" range of the official ACTFL Proficiency Guidelines.http://actflproficiencyguidelines2012.org/

Title
Reading Competence

Tags
192332, 3

Learning Outcome
Read and comment on short stories in Italian.

ITAL 322 - Advanced Language Skills Part 2

Course Information

Teaching Area (new)
ITAL

Course Number
322

Teaching Area
ITAL

Course Title
Advanced Language Skills Part 2

Course Description
Italian grammar, morphology, vocabulary, and composition.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ITAL 321 - Advanced Language Skills Part 1

Other Prerequisites
Or concurrent enrollment.

Learning Outcomes

Title
Expected course outcome

Tags
192369, 3

Learning Outcome
Students will develop functional abilities consistent with the Advanced range of the ACTFL Proficiency Guidelines.
http://actflproficiencyguidelines2012.org/

Title
Written Expression

Tags
192370, 1

Learning Outcome
Students will write about personal experiences, narrative and descriptions of a factual nature. Students will support points of view in written discourse.

Title
Grammar Mastery

Tags
192371, 2

Learning Outcome
Students will demonstrate control of the morphology and the most frequently used syntactic structures, e.g., common-word order patterns, coordination, subordination. It is expected that some students will make errors in producing complex sentences.

ITAL 340 - Introduction to Italian Literature

Course Information

Teaching Area (new)
ITAL

Course Number
340

Teaching Area
ITAL

Course Title
Introduction to Italian Literature

Course Description
Basic literary concepts and terms coupled with readings of Italian works from various genres and periods.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 321 - Advanced Language Skills Part 1

Recommended
Ital 322

Note
Capstone course for GE Languages of Learning requirement for returned missionaries.

Learning Outcomes

Title
Reading Analytically

Tags
192189, 2

Learning Outcome
Read, understand, and analyze the Italian literary texts in the syllabus

Title
Poetic Devices

Tags
192309, 3

Learning Outcome
Identify the poetic devices included in the "poetry section" of the syllabus and describe their function within the texts discussed in class

Title
Research Skills

Tags
192315, 5

Learning Outcome
Acquire and implement research skills for the study of Italian literature in order to create one original analytical paper

Title
Effective Communication in Italian

Tags
192360, 7

Learning Outcome
Write and speak clearly and effectively in Italian using functions consistent with the Advanced-level range on the ACTFL scale

ITAL 346R - Italian Choir Practice

Course Information

Course Number
346R

Teaching Area
ITAL

Course Title
Italian Choir Practice

Course Description
Choir practice in Italian

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Culture and Language

Learning Outcome
Improve language skills and enhance cultural appreciation through choral singing

ITAL 360 - Italian Civilization from the Beginning to 1600

Course Information

Teaching Area (new)
ITAL

Course Number
360

Teaching Area
ITAL

Course Title
Italian Civilization from the Beginning to 1600

Course Description
Survey of history, architecture, literature, and arts that shaped the Italian culture and civilization from the beginning through the Renaissance.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ITAL 321 - Advanced Language Skills Part 1

Other Prerequisites
Or concurrent enrollment.

Note
Fulfills GE Arts elective.

Learning Outcomes

Title
Italian culture and history

Tags
192410, 1

Learning Outcome
Demonstrate knowledge of the chronology of Italian civilization and identify the major intellectual and artistic movements, their defining characteristics and contexts. Also, establish connections between events, movements, and ideas for the time period covered in this course.

Title
Critical Thinking and Clear Communication

Tags
192411, 7

Learning Outcome
Articulate and defend clear, orderly thought on cultural topics.

Title
Research analysis and methods

Tags
192412, 3

Learning Outcome
Apply appropriate methods of investigation. These include formulating hypotheses; making valid arguments; locating and evaluating resources relevant to course assignments; coping with ambiguity; and evaluating competing interpretations of a given event or topic.

ITAL 361 - Italian Civilization from 1600 to the Present

Course Information

Teaching Area (new)
ITAL

Course Number
361

Teaching Area
ITAL

Course Title
Italian Civilization from 1600 to the Present

Course Description
Survey of institutions, fine arts, and great writers that shaped the history of Italy from the Baroque period to the present day.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ITAL 321 - Advanced Language Skills Part 1

Other Prerequisites
Or concurrent enrollment.

Note
Fulfills GE Arts elective.

Learning Outcomes

Title
Periods of artistic expression in Italian History

Tags
192191, 2

Learning Outcome
Become familiar with the major intellectual and artistic traditions of Italy from the Baroque Period to modern times by identifying the chronology and main characteristics of each period listed in the syllabus.

Title
Form, Composition, and Meaning in the Arts

Tags
192192, 3

Learning Outcome
Apply critical concepts, theory, and history to the texts, music, artifacts, and works of art listed in the syllabus to discover, interpret, and evaluate their multiple meanings.

Title
Critical and Aesthetic Judgment

Tags
192193, 5

Learning Outcome
Develop critical skills and informed aesthetic judgment to discuss and analyze the music, architecture, and works of art listed in the syllabus, paying particular attention to their historical or social setting and their place in shaping culture.

Title
Research and Effective Communication in Italian

Tags
192361, 7

Learning Outcome
Locate and evaluate resources relevant to course assignments and apply appropriate methods of investigation (e.g., formulate hypotheses, make valid arguments, use evidence, cope with ambiguity, evaluate competing interpretations), and communicate findings coherently both orally and in writing.

ITAL 363 - Italian Civilization on Study Abroad

Course Information

Teaching Area (new)
ITAL

Course Number
363

Teaching Area
ITAL

Course Title
Italian Civilization on Study Abroad

Course Description
Survey of history, architecture, literature, and arts that shaped the Italian culture and civilization from the beginning through contemporary times.

Department
French and Italian

When Taught
Spring Term Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Recommended
ITAL 102.

ITAL 399R - Academic Internship: Italian Language Field Experience

Course Information

Teaching Area (new)
ITAL

Course Number
399R

Teaching Area
ITAL

Course Title
Academic Internship: Italian Language Field Experience

Course Description
On-the-job experience in Italian.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

ITAL 411R - Fourth-Year Conversation

Course Information

Teaching Area (new)
ITAL

Course Number
411R

Teaching Area
ITAL

Course Title
Fourth-Year Conversation

Course Description
Advanced and Superior conversation skills.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent or Italian 311.

Learning Outcomes

Title
Linguistic Proficiency

Tags
192258, 1

Learning Outcome
Initiate and maintain fluent conversations in Italian, and cope with gaps in knowledge in contexts related to concrete topics and in some professional contexts.

ITAL 445 - Italian Women Writers

Course Information

Teaching Area (new)
ITAL

Course Number
445

Teaching Area
ITAL

Course Title
Italian Women Writers

Course Description
Literature written by Italian women. Study of selected works of varying genres together with historical sources which highlight issues pertaining to women.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

ITAL 446 - Multicultural Italy

Course Information

Teaching Area (new)
ITAL

Course Number
446

Teaching Area
ITAL

Course Title
Multicultural Italy

Course Description
Examination of the seismic cultural changes occurring in contemporary Italy through the literature that has been produced by and about migrants entering Europe since the 1990s. How this growing field of literature both charts and contributes to the re-definition of the nation occurring in Italy. Students will analyze literature by migrant authors in several genres - autobiography, short story, poetry, theater, and novels (including a comic murder mystery) - through the theoretical lenses of post-colonialism and feminism in order to confront the issues of racism, national and individual identity construction, and the concept of "otherness."

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

ITAL 447R - Studies in Literature

Course Information

Teaching Area (new)
ITAL

Course Number
447R

Teaching Area
ITAL

Course Title
Studies in Literature

Course Description
This course will examine works of Italian literature from all genres according to theme.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

ITAL 448R - Studies in Visual Cultures

Course Information

Teaching Area (new)
ITAL

Course Number
448R

Teaching Area
ITAL

Course Title
Studies in Visual Cultures

Course Description
This course analyses the cultural impact of film, social media, and visual artistic works.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

ITAL 449R - Studies in Cultural History

Course Information

Teaching Area (new)
ITAL

Course Number
449R

Teaching Area
ITAL

Course Title
Studies in Cultural History

Course Description
This course will examine major transformations in the history of Italian society and their cultural impact.

Department
French and Italian

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

ITAL 460 - Dante's Divine Comedy.

Course Information

Teaching Area (new)
ITAL

Course Number
460

Teaching Area
ITAL

Course Title
Dante's *Divine Comedy.*

Course Description
Intensive examination of Dante's major opus.

Department
French and Italian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

Learning Outcomes

Title
Discuss and analyze Dante's poetry

Tags
192204, 1

Learning Outcome
By the end of this semester, successful students will be able to discuss any of the cantos listed in this syllabus from a linguistic, theological, historical and critical point of view.

Title
Write a critical and analytical paper in Italian

Tags
192323, 2

Learning Outcome
By the end of the semester, successful students will have written a critical and analytical paper, incorporating existing peer-reviewed research on their topic and adding their own assessment and original ideas to the discourse. Their written linguistic ability will place in the "Advanced Low" (ACTFL scale) level, with the help of the Italian Writing Lab tutor.

Title
Master MLA Conventions for Research Papers

Tags
192376, 3

Learning Outcome
Successful students will be fully familiar with MLA conventions (8th ed) for their writing assignments., and with the MLA bibliographical database

ITAL 490R - Individual Study in Italian

Course Information

Teaching Area (new)
ITAL

Course Number
490R

Teaching Area
ITAL

Course Title
Individual Study in Italian

Course Description
Assignments to fit individual needs of the advanced student.

Department
French and Italian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Note
Not accepted for major or minor.

Learning Outcomes

Title
Research

Tags
192259, 1

Learning Outcome
Formulate and express in writing critical arguments on a specialized topic reflecting an understanding of primary and secondary sources.

ITAL 491 - Senior Oral Proficiency Evaluation and Senior Portfolio

Course Information

Teaching Area (new)
ITAL

Course Number
491

Teaching Area
ITAL

Course Title
Senior Oral Proficiency Evaluation and Senior Portfolio

Course Description
Capstone course including standardized language testing and reflection on course of study.

Department
French and Italian

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Should be completed the semester in which the last Italian course is taken.

Learning Outcomes

Title
Oral Proficiency

Tags
192206, 2

Learning Outcome
Students will achieve at least an "Advanced" rating on their Oral Proficiency Interview.

Title
Linguistic Proficiency

Tags
192210, 1

Learning Outcome
Establish an oral proficiency rating by taking the Oral Proficiency Interview.

Title
Portfolio

Tags
192211, 3

Learning Outcome
Identify and revise your best papers from Italian courses.

Title
Reflection Paper

Tags
192212, 6

Learning Outcome
Write a reflection paper on the experience of graduating in Italian and the future implications on your life and career.

ITAL 495R - Senior Seminar in Italian

Course Information

Teaching Area (new)
ITAL

Course Number
495R

Teaching Area
ITAL

Course Title
Senior Seminar in Italian

Course Description
In-depth study of a limited area of literature, culture, or criticism; content varies; requires research and writing.

Department
French and Italian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ITAL 340 - Introduction to Italian Literature

Learning Outcomes

Title
Linguistic Ability

Tags
192207, 1

Learning Outcome
Formulate and express both orally and in writing critical arguments about the readings listed in the syllabus.Successful students will place at least at the "Advanced Low" level in Italian speaking, listening, writing, and reading on the ACTFL Proficiency scale

Title
Research

Tags
192208, 2

Learning Outcome
Locate and evaluate primary and secondary sources on a specialized topic.

Title
Critical Thinking

Tags
192209, 3

Learning Outcome
Articulate and defend an analytical research paper.

JAPAN 101 - First-Year Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
101

Teaching Area
JAPAN

Course Title
First-Year Japanese

Course Description
Writing systems, grammar and vocabulary-building fundamentals, basic conversation and reading.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Reading and Writing Hiragana and Katakana

Tags
189530, 1

Learning Outcome
Students will be able to read and write hiragana and katakana. A writing sample will be included in the individual student portfolio.

Title
Asking and Giving Directions

Tags
189531, 2

Learning Outcome
Students will be able to ask and give directions

Title
Discussing Schedules and Itineraries

Tags
189532, 3

Learning Outcome
Students will be able to discuss schedules and itineraries

JAPAN 102 - First-Year Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
102

Teaching Area
JAPAN

Course Title
First-Year Japanese

Course Description
Writing systems, grammar and vocabulary-building fundamentals, basic conversation and reading. Includes introduction to Chinese characters.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
JAPAN 101, or equivalent

Learning Outcomes

Title
Making Social Introductions

Tags
189533, 1

Learning Outcome
Students will be able to make social introductions covering various levels of formality and honorifics

Title
Reading and Writing Simple Texts

Tags
189534, 2

Learning Outcome
Students will be able to read and write simple texts based on 200 elementary kanji characters. A written sample will be included in the individual student portfolio.

Title
Making Comparisons

Tags
189535, 3

Learning Outcome
Students will be able to make comparisons

JAPAN 201 - Second-Year Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
201

Teaching Area
JAPAN

Course Title
Second-Year Japanese

Course Description
Further practice in conversation; basic reading and writing skills.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
JAPAN 102, or equivalent

Learning Outcomes

Title
Recognizing and Producing Kanji Characters

Tags
189536, 1

Learning Outcome
Students will be able to recognize and produce approximately 400 kanji characters with their readings and meanings. A written sample will be included in the individual student portfolio.

Title
Describing and Modeling Proper Etiquette

Tags
189537, 2

Learning Outcome
Students will be able to describe and model proper etiquette when visiting a home, making hotel reservations, talking about the weather, clothing terms, etc. They will be able to use verbals of giving and receiving; compare activities; use different patterns of reporting information; and employ embedded questions.

JAPAN 202 - Second-Year Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
202

Teaching Area
JAPAN

Course Title
Second-Year Japanese

Course Description
Further practice in conversation, reading, and writing; introducing culture through short stories, articles.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
JAPAN 201, or equivalent

Note
Not for returned missionaries or students with extended experience in Japan.

Learning Outcomes

Title
Increasing kanji recognition and usage

Tags
189538, 1

Learning Outcome
Students will be able to recognize and use an additional 150 kanji characters in context. A written sample will be included in the individual student portfolio.

Title
Using honorific language

Tags
189539, 2

Learning Outcome
Students will interact appropriately in vertical society situations, using proper levels of honorific language.

JAPAN 211R - Second-Year Conversation

Course Information

Teaching Area (new)
JAPAN

Course Number
211R

Teaching Area
JAPAN

Course Title
Second-Year Conversation

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Japan 102 or equivalent

Note
For Japan Study Abroad students only.

Learning Outcomes

Title
Improving pronunciation, accent, and intonation

Tags
189540, 1

Learning Outcome
Students will learn to speak Japanese with more accurate pronunciation, accent, and intonation.

Title
Increasing listening skills

Tags
189541, 2

Learning Outcome
Students will be able to understand spoken native Japanese with greater accuracy.

Title
Using Japanese in daily life situations

Tags
189542, 3

Learning Outcome
Students will acquire facility in discussing daily life situations in their apartments in Japanese.

JAPAN 301 - Japanese Reading and Culture

Course Information

Teaching Area (new)
JAPAN

Course Number
301

Teaching Area
JAPAN

Course Title
Japanese Reading and Culture

Course Description
Reading and writing emphasizing essential characters, vocabulary, grammar, and culture.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
JAPAN 202, or equivalent.

Note
Recommended for returned missionaries, but students may start in earlier courses if desired. Students are encouraged to take the course that corresponds with their abilities. See the department if you have questions.

Learning Outcomes

Title
Reading authentic Japanese texts at intermediate level

Tags
189426, 1

Learning Outcome
Students will be able to read intermediate-level stories, articles, and letters.

Title
Writing about personal experiences

Tags
189427, 2

Learning Outcome
Students will be able to describe their personal experiences in letters to friends. A written sample will be included in the individual portfolio.

Title
Speaking in a more native and idiomatic manner

Tags
189428, 3

Learning Outcome
Students will be able to speak Japanese more like native speakers, using a variety of idiomatic expressions.

JAPAN 302 - Readings in Japanese History and Culture

Course Information

Teaching Area (new)
JAPAN

Course Number
302

Teaching Area
JAPAN

Course Title
Readings in Japanese History and Culture

Course Description
Readings in Japanese history and literature with essential characters, vocabulary, and grammatical principles.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 301 - Japanese Reading and Culture

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Communication

Tags
211699, 0, 1

Learning Outcome
Based on readings at an intermediate-high level, students will be able to use Japanese at a level approach advanced to narrate and describe key concepts in Japanese history and culture. Students will be able to discuss these topics extensively in conversational settings using detailed and precise language, and to write about them in short essays. Students will also be able to articulate how their communication abilities enable them to contribute meaningfully to personal and professional communities.

Title
Cultural Navigation

Tags
211700, 0, 2

Learning Outcome
Based on readings and in-class discussions, students will demonstrate an understanding of Japanese values and perspectives by describing foundational events in Japanese history and key concepts of Japanese culture. Students will also be able to articulate how such understandings enable them to handle culturally and linguistically diverse situations, encourage greater unity and belonging among all of God's children.

JAPAN 311R - Advanced Oral Communication

Course Information

Teaching Area (new)
JAPAN

Course Number
311R

Teaching Area
JAPAN

Course Title
Advanced Oral Communication

Course Description
Advanced speaking and listening skills in Japanese including extended narrations, detailed descriptions, and essential oral tasks.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 301 - Japanese Reading and Culture

Note
Residents of the Foreign Language Student Residence (Japan House) should enroll for one credit hour. Those enrolled in the regular course either at BYU Provo or Study Abroad should enroll for two credit hours.

Learning Outcomes

Title
Document writing

Tags
189434, 0, 3

Learning Outcome
Students will be able to read and produce written materials in Japanese related to the essential oral tasks.

Title
Advanced level proficiency

Tags
189432, 0, 1

Learning Outcome
Students will be able to use Japanese at an Advanced level on the ACTFL proficiency guidelines to provide extended narrations and detailed descriptions related to topics of personal and general interest.

Title
Essential oral tasks

Tags
189433, 0, 2

Learning Outcome
Students will be able to successfully accomplish the following tasks in Japanese in both casual and professional settings: Give a personal narrative in a relevant real-world context, provide a detailed description of a complicated idea, and resolve complex transactions. These tasks will be accomplished with attention to doing the acts of apologizing, thanking, complimenting, requesting, and refusing in culturally appropriate ways.

JAPAN 318 - Essential Kanji 1

Course Information

Course Number
318

Teaching Area
JAPAN

Course Title
Essential Kanji 1

Course Description
Instruction in the form, meaning, readings, and use of kanji characters corresponding to grades 1, 2, and 3 of the jōyō (regular use) kanji character set.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
1

Recommended
It is recommended to take Japan 318 concurrently with Japan 301.

Learning Outcomes

Title
Kanji Knowledge

Learning Outcome
Students will be able to recognize the form, meaning, and common readings of characters in grades 1, 2, and 3 of the jōyō (regular use) kanji character set.

Title
Reading Proficiency

Learning Outcome
Students will be able to read and comprehend graded materials using characters from the first 3 grades of the jōyō (regular use) kanji character set.

JAPAN 319 - Essential Kanji 2

Course Information

Course Number
319

Teaching Area
JAPAN

Course Title
Essential Kanji 2

Course Description
Instruction in the form, meaning, readings, and use of kanji characters corresponding to grades 4, 5, and 6 of the jōyō (regular use) kanji character set.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
1

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- JAPAN 318 - Essential Kanji 1

Other Prerequisites
Narrative Text.

Recommended
It is recommended to take Japan 319 concurrently with Japan 302.

Learning Outcomes

Title
Kanji Knowledge

Learning Outcome
Students will be able to recognize the form, meaning, and common readings of characters in grades 4, 5, and 6 of the jōyō (regular use) kanji character set.

Title
Reading Proficiency

Learning Outcome
Students will be able to read and comprehend graded materials using characters from the first 6 grades of the jōyō (regular use) kanji character set.

JAPAN 321 - Advanced Japanese 1: Current Events

Course Information

Teaching Area (new)
JAPAN

Course Number
321

Teaching Area
JAPAN

Course Title
Advanced Japanese 1: Current Events

Course Description
Using Japanese to describe and formulate opinions about current events reported in Japanese media.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Learning Outcomes

Title
Understanding and reporting on current events

Tags
189436, 1

Learning Outcome
Students will be able to comprehend media reports in spoken and written forms. They will also be able to use connected discourse to report about those events in a clear and extensive manner.

Title
State and support opinions

Tags
189437, 2

Learning Outcome
Students will be able to clearly state and support opinions on issues in Japanese media reports. They will be able to do this in oral and written forms.

Title
Listening and reading comprehension

Tags
189438, 3

Learning Outcome
Students will have adequate language skills to handle listening and reading tasks at the equivalent of the JLPT N2 exam.

JAPAN 322 - Advanced Japanese 2: Modern Literature

Course Information

Teaching Area (new)
JAPAN

Course Number
322

Teaching Area
JAPAN

Course Title
Advanced Japanese 2: Modern Literature

Course Description
Readings in modern short fiction, emphasizing grammar, reading comprehension, vocabulary building, and stylistic analysis.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Learning Outcomes

Title
Dictionary Usage

Tags
189439, 1

Learning Outcome
Students will be able to use a variety of dictionary sources that will enable them to read and comprehend modern Japanese prose

Title
Recognition and Reading of Kanji

Tags
189440, 2

Learning Outcome
Students will be able to recognize a majority of standard-usage kanji and identify various readings for the characters

Title
Analysis and Discussion of Texts

Tags
189441, 3

Learning Outcome
Students will be able to analyze and discuss a variety of modern Japanese literary texts at an intermediate level in the target language. A writing sample will be included in the individual student portfolio.

JAPAN 325 - Structure of Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
325

Teaching Area
JAPAN

Course Title
Structure of Japanese

Course Description
Introduction to grammatical foundations of Japanese sound, word, phrase, and meaning structures, and their practical application to common problems with learning Japanese.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Learning Outcomes

Title
Analyzing Japanese Grammar

Tags
189442, 0, 1, 2021-11-03 10:14:18

Learning Outcome
Students will be able to identify correct use of major parts of speech in Japanese including nouns, verbs, adjectives, particles, auxiliaries, and honorifics. They will also be able to explain fundamental aspects of formal Japanese grammar including subjects and topics, tense and aspect, transitivity, case marking, embedded sentences, passives, and causatives.

Title
Applying linguistic theory

Tags
208327, 0, 1, 2021-11-03 10:14:18

Learning Outcome
Students will be able to use formal theories and principles from Japanese linguistics to determine the grammaticality of Japanese sentences, to correct common learner errors, and to improve the complexity of sentences they are able to produce in Japanese.

Title
Developing professional competencies

Tags
189443, 0, 2, 2021-11-03 10:14:18

Learning Outcome
Students will be able to articulate how knowledge and analysis of formal Japanese grammar helps to make sense of new information, communicate more effectively, and strengthen bonds among all of God's children.

JAPAN 326 - Japanese Language in Society

Course Information

Teaching Area (new)
JAPAN

Course Number
326

Teaching Area
JAPAN

Course Title
Japanese Language in Society

Course Description
Overview of Japanese pragmatics and sociolinguistics with application to using Japanese appropriately in a variety of contexts.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Learning Outcomes

Title
Appropriate use of Japanese in Context

Tags
189445, 0, 1

Learning Outcome
Students will be able to use theories from pragmatics and sociolinguistics to explain appropriate and inappropriate use of Japanese in a variety of common social contexts including popular media, formal informational presentations, informal interactions, and institutional settings. These explanations will show sensitivity to the importance of both linguistic correctness and cultural appropriateness.

Title
Analyzing Japanese conversations

Tags
189446, 0, 2

Learning Outcome
Students will be able to analyze natural conversations to generate evidence-based descriptions of

how meaning is created in context by linguistic elements such as honorifics, sentence-final particles, epistemic markers, and affective markers,
how Japanese conversations are interactionally organized, including turn-taking and turn-response, and
how Japanese users sequentially structure common social actions such as thanking, apologizing, requesting, and inviting.

Title
Intercultural communication and interaction

Tags
208328, 0, 3

Learning Outcome
Students will be able to identify common areas of miscommunication between Americans and Japanese, and articulate important cultural assumptions and perspectives that contribute to them. Through this, they will develop a more informed awareness of linguistic and cultural diversity, including how such diversity supports our common identity as Children of God and Disciples of Christ.

JAPAN 345 - Japanese Culture

Course Information

Teaching Area (new)
JAPAN

Course Number
345

Teaching Area
JAPAN

Course Title
Japanese Culture

Course Description
General survey emphasizing aesthetics, religion, and value systems.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 301 - Japanese Reading and Culture

Learning Outcomes

Title
Analyze and discuss salient features of Japanese culture

Tags
189447, 1

Learning Outcome
Students will be able to speak and write about such features of culture as language, literature, thought, religion, aesthetics, art and music. A writing sample will be included in the individual student portfolio.

JAPAN 350 - Japanese Literature in Translation--Eighth Through Sixteenth Centuries

Course Information

Teaching Area (new)
JAPAN

Course Number
350

Teaching Area
JAPAN

Course Title
Japanese Literature in Translation--Eighth Through Sixteenth Centuries

Course Description
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from 700 through 1600 (Nara, Heian, and medieval periods).

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding expressions of human experience in literature

Tags
189448, 1

Learning Outcome
Students will demonstrate their understanding of the human aspects of premodern literature in verbal and written forms. A writing sample will be included in the individual student portfolio.

Title
Understand key works and genres in premodern literature

Tags
189449, 2

Learning Outcome
Students will demonstrate their knowledge and understanding of major works and genres in verbal and written forms.

JAPAN 351 - Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.

Course Information

Teaching Area (new)
JAPAN

Course Number
351

Teaching Area
JAPAN

Course Title
Japanese Literature in Translation--Seventeenth Through Nineteenth Centuries.

Course Description
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from 1600 through 1900 (Edo and Meiji periods).

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding expressions of human experience in literature

Tags
189451, 1

Learning Outcome
Students will demonstrate their understanding of the human aspects of early modern Japanese literature orally and in writing. A writing sample will be included in individual student portfolio.

Title
Understand key works and genres in early modern literature

Tags
189452, 2

Learning Outcome
Students will demonstrate their understanding of key literary works and genres in early modern Japanese literature in verbal and written forms.

JAPAN 352 - Japanese Literature in Translation: The Modern Era

Course Information

Teaching Area (new)
JAPAN

Course Number
352

Teaching Area
JAPAN

Course Title
Japanese Literature in Translation: The Modern Era

Course Description
Reading and discussing selected topics in Japanese literature (narrative, lyric, drama) from Meiji period to the present.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand expressions of human experience in literature

Tags
189453, 1

Learning Outcome
Students will demonstrate their understanding of human aspects in works of modern Japanese literature orally and in writing. A writing sample will be included in the individual student portfolio.

Title
Understand key works and genres in modern literature

Tags
189454, 2

Learning Outcome
Students will demonstrate their ability to analyze key works and genres in modern Japanese literature in oral and written form.

JAPAN 377 - Japanese Language Teaching Procedures

Course Information

Teaching Area (new)
JAPAN

Course Number
377

Teaching Area
JAPAN

Course Title
Japanese Language Teaching Procedures

Course Description
Acquiring knowledge and skills specific to teaching of Japanese as a foreign language. Conducted in Japanese and English.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Learning Outcomes

Title
Evaluating and creating language teaching materials

Tags
189456, 1

Learning Outcome
Students will evaluate existing language teaching materials, then create and present their own teaching materials. A sample of teaching materials will be included in the individual student portfolio.

Title
Planning and teaching language lessons

Tags
189457, 2

Learning Outcome
Students will plan language lessons and present them in class.

JAPAN 390 - Japanese Business Language

Course Information

Teaching Area (new)
JAPAN

Course Number
390

Teaching Area
JAPAN

Course Title
Japanese Business Language

Course Description
Readings, video materials, discussions, and projects in content areas related specifically to business-related activities.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 321 - Advanced Japanese 1: Current Events

Learning Outcomes

Title
Analyze and discuss Japanese business environment

Tags
189458, 1

Learning Outcome
Students will gain proficiency in analyzing and discussing, in Japanese, important aspects of the business environment in Japan as compared to that in America.

Title
Demonstrate knowledge of specialized vocabulary skills

Tags
189459, 2

Learning Outcome
Students will acquire and be able to use specialized vocabulary in Japanese relating to their fields of interest.

JAPAN 398R - Experience in Professional Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
398R

Teaching Area
JAPAN

Course Title
Experience in Professional Japanese

Course Description
Experience using Japanese in professional settings through participation in the Boston Career Forum and job-search activities.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Other Prerequisites
JAPAN 390R (can be concurrent enrollment)

Learning Outcomes

Title
Experiential learning

Learning Outcome
Students will participant in a real-world experience that requires the use of professional Japanese. They will develop a plan for intentional participation prior to the experience and reflect on what they learned following it.

Title
Professional Japanese

Learning Outcome
Students will prepare materials and scripts relevant to using Japanese in professional settings (e.g., resumes, self-promotional scripts, interview scripts, business e-mails) which will then be used in their real-world experience.

Title
Professional readiness

Learning Outcome
Students will develop a professional readiness plan including career goals, relevant professional competencies necessary for achieving those goals, and concrete steps to develop them. It will also include reflections on how their educational and career experiences fulfill the Aims of a BYU Education and enable them for a life of service.

JAPAN 399R - Academic Internship

Course Information

Teaching Area (new)
JAPAN

Course Number
399R

Teaching Area
JAPAN

Course Title
Academic Internship

Course Description
On-the-job cultural and/or language experience.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 302 - Readings in Japanese History and Culture

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Acquire and use specialized vocabulary in work situations

Tags
189543, 1

Learning Outcome
Students will enhance functional knowledge of vocabulary as it relates to the workplace in Japan.

Title
Increasing understanding of Japanese corporate culture

Tags
189544, 2

Learning Outcome
Students will acquire on-the-job understanding of the corporate culture of the firm where they conduct their internship.

JAPAN 411 - Toward Superior Oral Communication

Course Information

Teaching Area (new)
JAPAN

Course Number
411

Teaching Area
JAPAN

Course Title
Toward Superior Oral Communication

Course Description
Students will work to improve speaking and listening skills in Japanese that will assist them in moving toward Superior ranking, including stating abstract opinions, supporting opinions, hypothesizing, and doing professional oral tasks.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 311R - Advanced Oral Communication
  AND JAPAN 321 - Advanced Japanese 1: Current Events
  AND JAPAN 322 - Advanced Japanese 2: Modern Literature

Learning Outcomes

Title
Superior level proficiency

Tags
208322, 0, 1

Learning Outcome
Students will be able to use Japanese at a level approaching Superior on the ACTFL proficiency guidelines to extensively state and support opinions on abstract topics of general interest.

Title
Professional oral tasks

Tags
208323, 0, 2

Learning Outcome
Students will apply superior-level oral skills to accomplish the following professional tasks: debate, formal presentations, speeches, and leading discussions on topics of general interest.

Title
Writing opinion essays

Tags
208324, 0, 3

Learning Outcome
Students will write essays in Japanese that analyze, respond to, and express personal opinions on current events and issues. These essays will be developed over several drafts.

JAPAN 418 - Mastery Kanji 1

Course Information

Course Number
418

Teaching Area
JAPAN

Course Title
Mastery Kanji 1

Course Description
Instruction in the form, meaning, readings, and use of kanji characters corresponding to the first half of the secondary school characters (grades 7 – 9) of the jōyō (regular use) kanji character set.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
1

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- JAPAN 318 - Essential Kanji 1
  AND JAPAN 319 - Essential Kanji 2

Recommended
It is recommended that Japan 419 be taken concurrently with Japan 321 or 322.

Learning Outcomes

Title
Kanji Knowledge

Learning Outcome
Students will be able to recognize the form, meaning, and common readings of the first half of the secondary school characters (grades 7 – 9) in the jōyō (regular use) kanji character set.

Title
Reading Proficiency

Learning Outcome
Students will be able to read and comprehend graded materials using characters from the first 6 grades of the jōyō (regular use) kanji character set and the first half of the secondary school characters (grades 7 – 9).

JAPAN 419 - Mastery Kanji 2

Course Information

Course Number
419

Teaching Area
JAPAN

Course Title
Mastery Kanji 2

Course Description
Instruction in the form, meaning, readings, and use of kanji characters corresponding to the second half of the secondary school characters (grades 7 – 9) of the jōyō (regular use) kanji character set.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 318 - Essential Kanji 1
  AND JAPAN 418 - Mastery Kanji 1
  AND JAPAN 319 - Essential Kanji 2

Recommended
It is recommended to take Japan 419 concurrently with Japan 321 or 322.

Learning Outcomes

Title
Kanji Knowledge

Learning Outcome
Students will be able to recognize the form, meaning, and common readings of the second half of the secondary school characters (grades 7 – 9) in the jōyō (regular use) kanji character set.

Title
Reading Proficiency

Learning Outcome
Students will be able to read and comprehend graded materials using characters from the full jōyō (regular use) kanji character set.

JAPAN 441 - Introduction to Classical Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
441

Teaching Area
JAPAN

Course Title
Introduction to Classical Japanese

Course Description
Reading of premodern texts, emphasizing grammar and syntax, and showing differences from and influences on the modern idiom.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 321 - Advanced Japanese 1: Current Events
  AND JAPAN 322 - Advanced Japanese 2: Modern Literature

Recommended
It is recommended that students complete JAPAN 325 before enrolling in this course

Learning Outcomes

Title
Knowing relationship between classical and modern language

Tags
189462, 1

Learning Outcome
Students will be able to analyze and discuss the influence of the pre-modern language on present-day Japanese.

Title
Understanding and analyzing key premodern literary texts

Tags
189463, 2

Learning Outcome
Students will read and analyze the content and linguistic features of important premodern literary texts. A writing sample will be included in the individual student portfolio.

JAPAN 443 - Toward Superior Japanese 1: Current Events

Course Information

Teaching Area (new)
JAPAN

Course Number
443

Teaching Area
JAPAN

Course Title
Toward Superior Japanese 1: Current Events

Course Description
Using Japanese to debate on abstract topics related to current events reported in Japanese media.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 321 - Advanced Japanese 1: Current Events
  AND JAPAN 322 - Advanced Japanese 2: Modern Literature

Learning Outcomes

Title
Debating abstract topics

Tags
208325, 0, 1

Learning Outcome
Students will be able to debate opinions on abstract issues with others. They will also be able to speculate and hypothesize on the impact of proposals to resolve those issues.

Title
Listening and reading comprehension

Tags
208326, 0, 2

Learning Outcome
Students will have adequate language skills to handle listening and reading tasks at the equivalent of the JLPT N1 exam.

Title
Understanding conflicting viewpoints

Tags
189465, 1

Learning Outcome
Students will be able to comprehend conflicting viewpoints as reported in professional Japanese media sources such as editorials, talk radio/podcasts and political debates.

JAPAN 444 - Toward Superior Japanese 2: Modern Literature

Course Information

Teaching Area (new)
JAPAN

Course Number
444

Teaching Area
JAPAN

Course Title
Toward Superior Japanese 2: Modern Literature

Course Description
Reading and analyzing fictional texts in Japanese from major modern authors. Emphasis on reading comprehension, vocabulary and kanji mastery, and stylistic analysis.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAPAN 321 - Advanced Japanese 1: Current Events
  AND JAPAN 322 - Advanced Japanese 2: Modern Literature

Learning Outcomes

Title
Reading and analyzing advanced modern literary texts

Tags
189466, 1

Learning Outcome
Students will demonstrate their ability to read and interpret modern literary texts with sophistication in both oral and written forms. A writing sample will be included in the individual student portfolio.

JAPAN 446R - Special Topics in Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
446R

Teaching Area
JAPAN

Course Title
Special Topics in Japanese

Course Description
Specific topics in Japanese language or literature. Course content will vary each semester. This course is recommended for students who desire a more focused experience.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

JAPAN 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
JAPAN

Course Number
477R

Teaching Area
JAPAN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

JAPAN 490R - Individual Study in Japanese

Course Information

Teaching Area (new)
JAPAN

Course Number
490R

Teaching Area
JAPAN

Course Title
Individual Study in Japanese

Course Description
Topics vary. Assignments to fit individual needs of the advanced student.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Consent of advisor and instructor.

Learning Outcomes

Title
Focused acquisition of knowledge and skills

Tags
189545, 1

Learning Outcome
Students will concentrate on a specific topic of study and increase their knowledge of and ability to use language appropriate to that field.

Title
Increased appreciation of aesthetic practices

Tags
189546, 2

Learning Outcome
Students will gain a better appreciation for some of the fine aesthetic and artistic expressions in Japan.

JAPAN 495 - Senior Seminar

Course Information

Teaching Area (new)
JAPAN

Course Number
495

Teaching Area
JAPAN

Course Title
Senior Seminar

Course Description
Capstone course for the Japanese major.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Department approval.

Note
Required of all majors. To be taken the Fall or Winter semester prior to graduation.

Learning Outcomes

Title
Analyze and discuss salient features of culture

Tags
189469, 1

Learning Outcome
Students will be able to analyze and discuss such features of the culture as language, literature, thought, religion, aesthetics, art, and music. The student portfolio will be reviewed at the conclusion of this course.

Title
Analyze and discuss the structure of the Japanese language

Tags
189470, 2

Learning Outcome
Students will demonstrate an ability to analyze and discuss aspects of the language, such as phonology, morphology, syntax, semantics, and pragmatics. The student portfolio will be reviewed at the conclusion of this course.

JAPAN 599R - Academic Internship

Course Information

Teaching Area (new)
JAPAN

Course Number
599R

Teaching Area
JAPAN

Course Title
Academic Internship

Course Description
On-the-job cultural and/or language experience.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Japan 302 or equivalent.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Application

Tags
189679, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting.

JAVNS 100 - Language Study: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
100

Teaching Area
JAVNS

Course Title
Language Study: Javanese

Course Description
Survival-level conversation, reading, listening, and culture skills in Javanese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196337, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196338, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196340, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

JAVNS 101 - First-Year Language Study: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
101

Teaching Area
JAVNS

Course Title
First-Year Language Study: Javanese

Course Description
Beginning speaking, listening, reading, and writing skills in Javanese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196342, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196344, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196346, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196347, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

JAVNS 102 - First-Year Language Study: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
102

Teaching Area
JAVNS

Course Title
First-Year Language Study: Javanese

Course Description
Second-semester speaking, listening, reading, and writing skills in Javanese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 101 - First-Year Language Study: Javanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196350, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196351, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196352, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196353, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

JAVNS 201 - Second-Year Language Study: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
201

Teaching Area
JAVNS

Course Title
Second-Year Language Study: Javanese

Course Description
Intermediate speaking, listening, reading, and writing skills in Javanese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 102 - First-Year Language Study: Javanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196355, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196356, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196358, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196359, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

JAVNS 202 - Second-Year Language Study: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
202

Teaching Area
JAVNS

Course Title
Second-Year Language Study: Javanese

Course Description
Continued emphasis on Javanese communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 201 - Second-Year Language Study: Javanese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196361, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196362, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196364, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196365, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

JAVNS 305 - Language Skills Development: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
305

Teaching Area
JAVNS

Course Title
Language Skills Development: Javanese

Course Description
Increasing proficiency in one or more of the following Javanese language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196367, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196369, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196370, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

JAVNS 321 - Advanced Grammar: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
321

Teaching Area
JAVNS

Course Title
Advanced Grammar: Javanese

Course Description
Systematic review of grammar and syntax of Javanese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 202 - Second-Year Language Study: Javanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196373, 1

Learning Outcome
Analyze target language morphology and syntax

Title
Apply

Tags
196374, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196376, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
330

Teaching Area
JAVNS

Course Title
Advanced Language Proficiency Through Cultural Studies: Javanese

Course Description
Study of Javanese culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Javns 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196378, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196379, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196380, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196382, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

JAVNS 340 - Introduction to Literature: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
340

Teaching Area
JAVNS

Course Title
Introduction to Literature: Javanese

Course Description
Advanced study of Javanese literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196384, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196386, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196388, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196389, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

JAVNS 350 - Advanced Language Study for Career Purposes: Javanese

Course Information

Teaching Area (new)
JAVNS

Course Number
350

Teaching Area
JAVNS

Course Title
Advanced Language Study for Career Purposes: Javanese

Course Description
Concentration on Javanese language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- JAVNS 330 - Advanced Language Proficiency Through Cultural Studies: Javanese

Learning Outcomes

Title
Defined Career Purposes

Tags
196391, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196392, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196394, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196395, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196397, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

KAZAK 100 - Language Study: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
100

Teaching Area
KAZAK

Course Title
Language Study: Kazakh

Course Description
Survival-level conversation, reading, listening, and culture skills in Kazakh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196425, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196426, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196427, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

KAZAK 101 - First-Year Language Study: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
101

Teaching Area
KAZAK

Course Title
First-Year Language Study: Kazakh

Course Description
Beginning speaking, listening, reading, and writing skills in Kazakh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196430, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196432, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196433, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196435, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

KAZAK 102 - First-Year Language Study: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
102

Teaching Area
KAZAK

Course Title
First-Year Language Study: Kazakh

Course Description
Second-semester speaking, listening, reading, and writing skills in Kazakh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 101 - First-Year Language Study: Kazakh

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196436, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196438, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196439, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196441, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

KAZAK 201 - Second-Year Language Study: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
201

Teaching Area
KAZAK

Course Title
Second-Year Language Study: Kazakh

Course Description
Intermediate speaking, listening, reading, and writing skills in Kazakh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 102 - First-Year Language Study: Kazakh

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196448, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196450, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196451, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196452, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

KAZAK 202 - Second-Year Language Study: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
202

Teaching Area
KAZAK

Course Title
Second-Year Language Study: Kazakh

Course Description
Continued emphasis on Kazakh communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 201 - Second-Year Language Study: Kazakh

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196453, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196455, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196457, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196458, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

KAZAK 305 - Language Skills Development: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
305

Teaching Area
KAZAK

Course Title
Language Skills Development: Kazakh

Course Description
Increasing proficiency in one or more of the following Kazakh language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196462, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196463, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196465, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

KAZAK 321 - Advanced Grammar: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
321

Teaching Area
KAZAK

Course Title
Advanced Grammar: Kazakh

Course Description
Systematic review of grammar and syntax of Kazakh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 202 - Second-Year Language Study: Kazakh

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196466, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196469, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196470, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
330

Teaching Area
KAZAK

Course Title
Advanced Language Proficiency Through Cultural Studies: Kazakh

Course Description
Study of Kazakh culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Kazak 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196473, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196475, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196477, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196480, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

KAZAK 340 - Introduction to Literature: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
340

Teaching Area
KAZAK

Course Title
Introduction to Literature: Kazakh

Course Description
Advanced study of Kazakh literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196482, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196485, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196486, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196487, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

KAZAK 350 - Advanced Language Study for Career Purposes: Kazakh

Course Information

Teaching Area (new)
KAZAK

Course Number
350

Teaching Area
KAZAK

Course Title
Advanced Language Study for Career Purposes: Kazakh

Course Description
Concentration on Kazakh language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KAZAK 330 - Advanced Language Proficiency Through Cultural Studies: Kazakh

Learning Outcomes

Title
Defined Career Purposes

Tags
196490, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196491, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196494, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196495, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196497, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

KEKCH 330 - Advanced Language Proficiency Through Cultural Studies: Kekchi

Course Information

Teaching Area (new)
KEKCH

Course Number
330

Teaching Area
KEKCH

Course Title
Advanced Language Proficiency Through Cultural Studies: Kekchi

Course Description
Study of Guatemalan culture(s) using interpersonal, presentational, and interpretive skills in Kekchi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Entry course for returned missionaries or others of equivalent language ability.

KHMER 100 - Language Study: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
100

Teaching Area
KHMER

Course Title
Language Study: Khmer

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

KHMER 101 - First-Year Language Study: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
101

Teaching Area
KHMER

Course Title
First-Year Language Study: Khmer

Course Description
Beginning speaking, listening, reading, and writing skills in Khmer.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

KHMER 102 - First-Year Language Study: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
102

Teaching Area
KHMER

Course Title
First-Year Language Study: Khmer

Course Description
Second-semester speaking, listening, reading, and writing skills in Khmer.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KHMER 101 - First-Year Language Study: Khmer

Note
Teacher may waive prerequisite based on prior experience.

KHMER 201 - Second-Year Language Study: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
201

Teaching Area
KHMER

Course Title
Second-Year Language Study: Khmer

Course Description
Intermediate speaking, listening, reading, and writing skills in Khmer.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KHMER 102 - First-Year Language Study: Khmer

Note
Teacher may waive prerequisite based on prior experience.

KHMER 202 - Second-Year Language Study: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
202

Teaching Area
KHMER

Course Title
Second-Year Language Study: Khmer

Course Description
Continued emphasis on communication skills and vocabulary building in Khmer and cultural awareness of Cambodia.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KHMER 201 - Second-Year Language Study: Khmer

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

KHMER 305 - Language Skills Development: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
305

Teaching Area
KHMER

Course Title
Language Skills Development: Khmer

Course Description
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

KHMER 321 - Advanced Grammar: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
321

Teaching Area
KHMER

Course Title
Advanced Grammar: Khmer

Course Description
Advance your Khmer through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
330

Teaching Area
KHMER

Course Title
Advanced Language Proficiency Through Cultural Studies: Khmer

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Cambo 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

KHMER 340 - Introduction to Literature: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
340

Teaching Area
KHMER

Course Title
Introduction to Literature: Khmer

Course Description
Explore Khmer culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

KHMER 350 - Advanced Language Study for Career Purposes: Khmer

Course Information

Teaching Area (new)
KHMER

Course Number
350

Teaching Area
KHMER

Course Title
Advanced Language Study for Career Purposes: Khmer

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KHMER 330 - Advanced Language Proficiency Through Cultural Studies: Khmer

KICHE 100 - Language Study: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
100

Teaching Area
KICHE

Course Title
Language Study: K'iche

Course Description
Survival-level conversation, reading, listening, and culture skills in K'iche.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196503, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196505, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196507, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

KICHE 101 - First-Year Language Study: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
101

Teaching Area
KICHE

Course Title
First-Year Language Study: K'iche

Course Description
Beginning speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196511, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196514, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196516, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196519, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

KICHE 102 - First-Year Language Study: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
102

Teaching Area
KICHE

Course Title
First-Year Language Study: K'iche

Course Description
Second-semester speaking, listening, reading, and writing skills in K'iche.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KICHE 101 - First-Year Language Study: K'iche

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196522, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196524, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196526, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196529, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

KICHE 201 - Second-Year Language Study: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
201

Teaching Area
KICHE

Course Title
Second-Year Language Study: K'iche

Course Description
Intermediate speaking, listening, reading, and writing skills in K'iche.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- KICHE 102 - First-Year Language Study: K'iche

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196532, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196535, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196537, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196539, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

KICHE 202 - Second-Year Language Study: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
202

Teaching Area
KICHE

Course Title
Second-Year Language Study: K'iche

Course Description
Continued emphasis on K'iche communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- KICHE 201 - Second-Year Language Study: K'iche

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
196543, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196545, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196546, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196547, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

KICHE 305 - Language Skills Development: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
305

Teaching Area
KICHE

Course Title
Language Skills Development: K'iche

Course Description
Increasing proficiency in one or more of the following K'iche language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196550, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196553, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196555, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

KICHE 321 - Advanced Grammar: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
321

Teaching Area
KICHE

Course Title
Advanced Grammar: K'iche

Course Description
Advance your K'iche' through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KICHE 202 - Second-Year Language Study: K'iche

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196558, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196560, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196562, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
330

Teaching Area
KICHE

Course Title
Advanced Language Proficiency Through Cultural Studies: K'iche

Course Description
Study of K'iche culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Kiche 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196566, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196568, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196570, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196573, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

KICHE 340 - Introduction to Literature: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
340

Teaching Area
KICHE

Course Title
Introduction to Literature: K'iche

Course Description
Explore K'iche' culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196576, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196578, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196579, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196581, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

KICHE 350 - Advanced Language Study for Career Purposes: K'iche

Course Information

Teaching Area (new)
KICHE

Course Number
350

Teaching Area
KICHE

Course Title
Advanced Language Study for Career Purposes: K'iche

Course Description
Concentration on K'iche language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KICHE 330 - Advanced Language Proficiency Through Cultural Studies: K'iche

Learning Outcomes

Title
Defined Career Purposes

Tags
196582, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196583, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196584, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196587, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196588, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

KIRIB 100 - Language Study: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
100

Teaching Area
KIRIB

Course Title
Language Study: Kiribati

Course Description
Survival-level conversation, reading, listening, and culture skills in Kiribati.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

KIRIB 101 - First-Year Language Study: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
101

Teaching Area
KIRIB

Course Title
First-Year Language Study: Kiribati

Course Description
Beginning speaking, listening, reading, and writing skills in Kiribati.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

KIRIB 102 - First-Year Language Study: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
102

Teaching Area
KIRIB

Course Title
First-Year Language Study: Kiribati

Course Description
Second-semester speaking, listening, reading, and writing skills in Kiribati.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KIRIB 101 - First-Year Language Study: Kiribati

KIRIB 201 - Second-Year Language Study: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
201

Teaching Area
KIRIB

Course Title
Second-Year Language Study: Kiribati

Course Description
Intermediate speaking, listening, reading, and writing skills in Kiribati.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KIRIB 102 - First-Year Language Study: Kiribati

KIRIB 202 - Second-Year Language Study: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
202

Teaching Area
KIRIB

Course Title
Second-Year Language Study: Kiribati

Course Description
Continued emphasis on Kiribati communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KIRIB 201 - Second-Year Language Study: Kiribati

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry-level course for returned missionaries.

KIRIB 305 - Language Skills Development: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
305

Teaching Area
KIRIB

Course Title
Language Skills Development: Kiribati

Course Description
Increasing proficiency in one or more of the following Kiribati language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

KIRIB 321 - Advanced Grammar: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
321

Teaching Area
KIRIB

Course Title
Advanced Grammar: Kiribati

Course Description
Advance your Kiribati through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
330

Teaching Area
KIRIB

Course Title
Advanced Language Proficiency Through Cultural Studies: Kiribati

Course Description
Study of Kiribati culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
KIRIB 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

KIRIB 340 - Introduction to Literature: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
340

Teaching Area
KIRIB

Course Title
Introduction to Literature: Kiribati

Course Description
Explore Kiribati culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

KIRIB 350 - Advanced Language Study for Career Purposes: Kiribati

Course Information

Teaching Area (new)
KIRIB

Course Number
350

Teaching Area
KIRIB

Course Title
Advanced Language Study for Career Purposes: Kiribati

Course Description
Concentration on Kiribati language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KIRIB 330 - Advanced Language Proficiency Through Cultural Studies: Kiribati

KOREA 101 - First-Year Korean 1

Course Information

Teaching Area (new)
KOREA

Course Number
101

Teaching Area
KOREA

Course Title
First-Year Korean 1

Course Description
Han'gul, the phonetic system, basic grammar and vocabulary, discourse, reading, and culture.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Outcomes

Tags
189550, 1

Learning Outcome
Students will be able to;
1. Read (with limited comprehension) and write proficiently.
2. Discuss topics such as family, school, months of the year, hobbies, vacation plans.
3. Interact linguistically on a limited basis using middle and high language.

KOREA 102 - First-Year Korean 2

Course Information

Teaching Area (new)
KOREA

Course Number
102

Teaching Area
KOREA

Course Title
First-Year Korean 2

Course Description
Continuation of Korea 101. Phonetic system, basic grammar, vocabulary, discourse, reading, and culture.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Korea 101 or equivalent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Outcomes

Tags
189551, 1

Learning Outcome
Students will be able to;1. Comprehend basic reading material 2. Use informal, medium, and formal language 3. Use expanded grammar and vocabulary in speech ACTFL 1

KOREA 201 - Second-Year Korean 1

Course Information

Teaching Area (new)
KOREA

Course Number
201

Teaching Area
KOREA

Course Title
Second-Year Korean 1

Course Description
Further practice in discourse and basic reading and writing skills; culture.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Korea 102 or equivalent

Learning Outcomes

Title
Outcomes

Tags
189552, 1

KOREA 202 - Second-Year Korean 2

Course Information

Teaching Area (new)
KOREA

Course Number
202

Teaching Area
KOREA

Course Title
Second-Year Korean 2

Course Description
Continuation of Korea 201. Conversation, basic reading and writing skills, culture. Introduction to Chinese characters.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Korea 201 or equivalent

Note
Not for returned missionaries.

Learning Outcomes

Title
Learning outcome 2

Tags
189556, 2

Learning Outcome
2. Read and understand modified or early intermediate level readings

Title
Learning outcome 1

Tags
189557, 1

Learning Outcome
1. Speak and understand Korean at an ACTFL 2

Title
Learning outcome 3

Tags
189558, 3

Learning Outcome
3. Recognize basic hanja

Title
Learning outcome 4

Tags
189559, 4

Learning Outcome
4. Write in Korean without major spelling or grammatical mistakes

KOREA 211R - Second-Year Conversation

Course Information

Teaching Area (new)
KOREA

Course Number
211R

Teaching Area
KOREA

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Korea 201 or foreign residence experience

Learning Outcomes

Title
Application of conversation

Tags
189684, 1

Learning Outcome
Students will deepen their understanding of Conversation.

KOREA 301 - Third-Year Korean 1

Course Information

Teaching Area (new)
KOREA

Course Number
301

Teaching Area
KOREA

Course Title
Third-Year Korean 1

Course Description
Vocabulary, grammar, discourse, pronunciation, hanja, and culture.

Department
Asian and Near Eastern Languages

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Korea 202 or equivalent

Note
First course for returned missionaries.

Learning Outcomes

Title
Outcome

Tags
189471, 1

Learning Outcome
Students will be able to;
1. Speak in most social and uncomplicated language situations. ACTFL 3-
2. Listen and understand most informal topics spoken by native speaker. ACTFL 3-
3. Read and understand leisure stories, essays and easy formal topics.
4. Compose one page Korean without major flaws in structure of Korean.

KOREA 302 - Third-Year Korean 2

Course Information

Teaching Area (new)
KOREA

Course Number
302

Teaching Area
KOREA

Course Title
Third-Year Korean 2

Course Description
Continuation of Korea 301. Vocabulary, grammar, discourse, hanja, composition, pronunciation, and culture.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Korea 301 or equivalent

Learning Outcomes

Title
Outcome 2

Tags
189472, 2

Learning Outcome
2. Read and understand some intermediate level of formal topics.

Title
Outcome 3

Tags
189473, 3

Learning Outcome
3. Compose one page Korean using some four-character proverbs and some high level vocabulary without major structural flaws.

Title
Outcome 1

Tags
189474, 1

Learning Outcome
1. Speak in most social language situations and some complicated language situations with confidence. ACTFL 3

KOREA 311R - Third-Year Conversation

Course Information

Teaching Area (new)
KOREA

Course Number
311R

Teaching Area
KOREA

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
1

Max:
2

Lecture Hours

Min:
1

Max:
2

Lab Hours

Fixed:
0

Other Prerequisites
Korea 301 or foreign residence experience

Learning Outcomes

Title
Conversation

Tags
189475, 1

Learning Outcome
A third-year level course, students should become coversant in a range of common and sophisticated subjects.

Title
Conversational Korean

Tags
189476, 2

Learning Outcome
Students will begin to develop professional speaking abilities to include conversation at a well-educated natives speakers level, ability to make professional presenations, and respond to questions in a formal setting.

KOREA 315 - Sino-Korean Character Workshop

Course Information

Teaching Area (new)
KOREA

Course Number
315

Teaching Area
KOREA

Course Title
Sino-Korean Character Workshop

Course Description
Sino-Korean vocabulary and characters necessary for advanced and superior level Korean.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Korea 202 or higher

Learning Outcomes

Title
Korean 315-Sino Korean Character Workshop

Tags
209833, 0, 1

KOREA 321 - Selected Readings of Modern Korean

Course Information

Teaching Area (new)
KOREA

Course Number
321

Teaching Area
KOREA

Course Title
Selected Readings of Modern Korean

Course Description
Mixed script (with hanja) and other readings from modern documentary and literary texts, emphasizing comprehension, grammar, and vocabulary building.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Korea 301 or equivalent

Learning Outcomes

Title
readings

Tags
189477, 1

Learning Outcome
Students will develop skills in reading intermediate- to advanced-level texts, including documentary and literary works.

KOREA 325 - Structure of Korean

Course Information

Teaching Area (new)
KOREA

Course Number
325

Teaching Area
KOREA

Course Title
Structure of Korean

Course Description
Study morphology, phonetics, phonology, syntax, and semantics in relation to Korean and other languages. Increase awareness of social significance, universality, diversity, complexity of linguistics with the goal of participating more ethically in linguistically diverse communities.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Korea 302.

Learning Outcomes

Title
Students will be able to

Tags
189478, 0, 1

Learning Outcome

learn to communicate effectively, in a professional setting, about major linguistic theories, current issues, and topics among linguists. You will also be equipped with tools and techniques for linguistic analysis.
understand and be proficient in the subfields of linguistics: phonetics, phonology, morphology, semantics, syntax, psycholinguistics, and sociolinguistics.
learn to navigate their cultural and linguistic beliefs, attitudes, and usage and understand the diversity and similarity of language systems with a goal of participating more ethically in a variety of linguistic communities.
conceptualize the value of being able to navigate new discourses and narrate connections to relevant contexts

KOREA 340 - Korean Literature to 1900

Course Information

Teaching Area (new)
KOREA

Course Number
340

Teaching Area
KOREA

Course Title
Korean Literature to 1900

Course Description
Korean literature from the earliest times to 1900. Emphasis on basic literary concepts.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KOREA 302 - Third-Year Korean 2

Learning Outcomes

Title
Korea 340: Korean Literature to 1900

Tags
210984, 0, 10

Learning Outcome
Cultural Literacy: Students will be able to observe and interpret nuances of a culture through its language, history & practices. In this course, students will be exposed to the major genres of premodern Korean literature in their original scripts and reading them with the help of modern Korean translations.
Communicate Effectively: Students will be able to write coherent explanations and arguments with attention to the implications of language, and articulate and present messages effectively.
Synthesize Ideas: Students will be able to identify patterns of information, explain their implications, and develop and implement an appropriate research plan.

KOREA 343 - Premodern Korean Literature in Translation

Course Information

Teaching Area (new)
KOREA

Course Number
343

Teaching Area
KOREA

Course Title
Premodern Korean Literature in Translation

Course Description
Reading and discussing selected topics in Korean literature (verse, poetry, prose, fiction, oral literature) from antiquity through 1900.

Department
Asian and Near Eastern Languages

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Korea 340, Korea 345

Learning Outcomes

Title
Korea 343: Premodern Korean Literature in Translation

Tags
210985, 0, 1

Learning Outcome
Develop an understanding of premodern Korean literature in its social, political, historical, and cultural contexts.Refine written communications skills by comparing readings and using textual analysis to provide creative arguments.Practice oral communication by presenting personal research and analysis through leading and participating in class discussions.

KOREA 344 - Modern Korean Literature in Translation

Course Information

Teaching Area (new)
KOREA

Course Number
344

Teaching Area
KOREA

Course Title
Modern Korean Literature in Translation

Course Description
Reading and discussing selected topics in Korean literature (narrative, poetry, drama) from the 1900 (late Choson period) to the present.

Department
Asian and Near Eastern Languages

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Korea 345

Learning Outcomes

Title
Korea 344: Modern Korean Literature in Translation

Tags
210986, 0, 1

Learning Outcome
Develop an understanding of modern Korean literature in its social, political, historical, and cultural contexts. Refine written communications skills by comparing readings and using textual analysis to provide creative arguments. Practice oral communication by presenting personal research and analysis through leading and participating in class discussions.

KOREA 345 - Korean Culture

Course Information

Teaching Area (new)
KOREA

Course Number
345

Teaching Area
KOREA

Course Title
Korean Culture

Course Description
Selected topics in traditional, modern, and contemporary Korean culture. All readings in English.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Korea 345: Korean Culture

Tags
210987, 0, 1

Learning Outcome
Communication: I can know the audience(s) for my writing, appreciate nuances in words and ideas (i.e. specialized vocabulary and terminology), and be conscious of form and conventions. Navigate Cultures: I can possess a deeper understanding of the Korean experience and evolving national identity, informed by such things as language, history, art, and cultural traditions and practices. Information Literacy: I can assess and interpret information to pose or solve a problem and follow the rules of a community in the citation of my sources, recognizing that such behavior confers some measure of reliability and legitimacy.

KOREA 346 - The Culture of North Korea Since 1945

Course Information

Teaching Area (new)
KOREA

Course Number
346

Teaching Area
KOREA

Course Title
The Culture of North Korea Since 1945

Course Description
Linguistic, cultural, and social issues related to life in North Korea and the Korean diaspora. All readings in English.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Cultural Literacy

Tags
213957, 0, 1, 2023-08-29 09:50:16

Learning Outcome
Students will be able to identify social issues and core human values reflected in North Korean movies, music, art, and literature.

Title
Information Literacy

Tags
213958, 0, 2, 2023-08-29 09:50:18

Learning Outcome
Students will become familiar with the major sources of information about North Korea and practice evaluating their reliability.

Title
Communicate Effectively

Tags
213959, 0, 3, 2023-08-29 09:50:19

Learning Outcome
Students will gain experience discussing current events and human rights issues related to North Korea based on accurate information about North Korean culture.

KOREA 358R - Korean Religions and Culture

Course Information

Teaching Area (new)
KOREA

Course Number
358R

Teaching Area
KOREA

Course Title
Korean Religions and Culture

Course Description
Survey of Korean religious traditions, including Buddhism, Confucianism, Shamanism, Christianity, and New Religions. May be taught from different perspectives (focus on one tradition, historical time period, philosophy and thought, society, culture, literature, etc.). All readings in English translation.

Department
Asian and Near Eastern Languages

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Korea 345, Hist 337, Hist 338

Learning Outcomes

Title
Korea 358R: Korean Religions and Culture

Tags
210988, 0, 1

Learning Outcome
Cultural Literacy: Students will be able to observe and interpret nuances of Korean religion through its language, history, practices. Communicate Effectively: Students will be able to write coherent explanations and arguments with attention to the implications of language, and articulate and present messages effectively. Synthesize Ideas: Students will be able to identify patterns of information, explain their implications, and develop and implement an appropriate research plan.

KOREA 377 - Korean Language Teaching Methods

Course Information

Teaching Area (new)
KOREA

Course Number
377

Teaching Area
KOREA

Course Title
Korean Language Teaching Methods

Course Description
Understanding diverse language teaching methods, strategies, theories, and issues. Teaching other Korea 377 students. Teaching in a real Korean language classroom. Evaluating teaching. Preparing interactive lesson plans and measures of assessment.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Korea 201

Learning Outcomes

Title
Application

Tags
189685, 1

KOREA 399R - Academic Internship

Course Information

Teaching Area (new)
KOREA

Course Number
399R

Teaching Area
KOREA

Course Title
Academic Internship

Course Description
On-the-job cultural and language experience.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Korea 301; instructor's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
In a variety of settings (business, government or education)

Tags
189486, 1

Learning Outcome
Students will have hands-on, practical experience in which they will use the language daily and learn and respect the culture of Korea.

KOREA 401 - Fourth-Year Korean 1

Course Information

Teaching Area (new)
KOREA

Course Number
401

Teaching Area
KOREA

Course Title
Fourth-Year Korean 1

Course Description
Advanced language preparation in reading, discourse, writing, and hanja.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Fourth-year Korean

Tags
189487, 1

Learning Outcome
Students will expand their vocabularies as the work on reading and writing skills primarily.
Speaking and listening skills, while assumed to be strong at this level, will also be improved by listening to authentic language production from news media and dramatic presentations.

KOREA 402 - Fourth-Year Korean 2

Course Information

Teaching Area (new)
KOREA

Course Number
402

Teaching Area
KOREA

Course Title
Fourth-Year Korean 2

Course Description
Continuation of Korea 401. Advanced reading, discourse, writing, and hanja.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Tags
189488, 1

Learning Outcome
Students will enhance their advanced-level proficiency in the Korean language, focusing primarily on reading and writing skills, while deepening their understanding of modern Korean history and culture. Speaking and listening skills will further develop through exposure to authentic language production in news media and classroom discussions.

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KOREA 401 - Fourth-Year Korean 1

Learning Outcomes

Title
Fourth-year Korean

KOREA 441 - Classical Korean (Hanmun)

Course Information

Teaching Area (new)
KOREA

Course Number
441

Teaching Area
KOREA

Course Title
Classical Korean (Hanmun)

Course Description
Reading of premodern, documentary Sino-Korean texts, including genealogy records and the Chosŏn Dynasty Annals.

Department
Asian and Near Eastern Languages

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- KOREA 321 - Selected Readings of Modern Korean

OR

Prerequisites

Complete ALL of the following Courses:

- CHIN 441 - Classical and Literary Chinese

Learning Outcomes

Title
Korea 441: Classical Korean (Hanmun)

Tags
210989, 0, 1

Learning Outcome
Read Sinographs in Context: Students will develop the ability to recognize and read sinographs (Sino-Korean characters) in context. Navigate Through Reference Works: Students will learn to navigate through several kinds of reference works and other Korean language resources. Read College-level Texts and Essays: Students will develop skills in reading college-level texts and scholarly essays in Korean. Translate into English with Fidelity: Students will learn to translate in a way that both maintains fidelity to the original text and results in natural, quality English in the final revision.

KOREA 443 - Korean Literature after 1900

Course Information

Teaching Area (new)
KOREA

Course Number
443

Teaching Area
KOREA

Course Title
Korean Literature after 1900

Course Description
Literary texts from major post-1900 authors, in Korean, emphasizing reading, translating, and criticism.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- KOREA 302 - Third-Year Korean 2

Learning Outcomes

Title
Korea 443: Korean Literature since 1900

Tags
210990, 0, 1

Learning Outcome
Cultural Literacy: Students will learn to observe and interpret the nuances of a culture through its language, history, traditions; practices. Students will be exposed to some of the most famous Korean essays, poems, and short stories of the 20th and 21st centuries. Language Proficiency: Students will develop their skills in speaking, reading, and writing KoreanCommunicate Effectively: Students will learn to write coherent explanations and arguments with attention to the implications of language.

KOREA 490R - Individual Study in Korean

Course Information

Teaching Area (new)
KOREA

Course Number
490R

Teaching Area
KOREA

Course Title
Individual Study in Korean

Course Description
Individual assignments appropriate to needs of advanced students.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

KOREA 491 - Senior Proficiency Evaluation

Course Information

Teaching Area (new)
KOREA

Course Number
491

Teaching Area
KOREA

Course Title
Senior Proficiency Evaluation

Course Description
Course meets only once to provide information on the Oral Proficiency Interview and Writing Proficiency Test, required of all majors and minors.

Department
Asian and Near Eastern Languages

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
No major or minor credit.

KOREA 495 - Senior Seminar

Course Information

Teaching Area (new)
KOREA

Course Number
495

Teaching Area
KOREA

Course Title
Senior Seminar

Course Description
Individual research, with seminar paper the primary objective.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Required for Korean majors.

Learning Outcomes

Title
Senior seminar

Tags
189492, 1

Learning Outcome
Students will present their finest research and writing. In some cases they will develop a paper written earlier in their career; in other cases, they will start afresh - but the outcome will be a publishable (or near-publishable) piece of excellence in writing and research.

LAO 100 - Language Study: Lao

Course Information

Teaching Area (new)
LAO

Course Number
100

Teaching Area
LAO

Course Title
Language Study: Lao

Course Description
Survival-level conversation, reading, listening, and culture skills in Laotian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196652, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196654, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196656, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

LAO 101 - First-Year Language Study: Lao

Course Information

Teaching Area (new)
LAO

Course Number
101

Teaching Area
LAO

Course Title
First-Year Language Study: Lao

Course Description
Beginning speaking, listening, reading, and writing skills in Laotian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196666, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196668, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196669, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196671, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LAO 102 - First-Year Language Study: Lao

Course Information

Teaching Area (new)
LAO

Course Number
102

Teaching Area
LAO

Course Title
First-Year Language Study: Lao

Course Description
Second-semester speaking, listening, reading, and writing skills in Laotian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 101 - First-Year Language Study: Lao

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196672, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196673, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196674, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196675, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LAO 201 - Second-Year Language Study: Lao

Course Information

Teaching Area (new)
LAO

Course Number
201

Teaching Area
LAO

Course Title
Second-Year Language Study: Lao

Course Description
Intermediate speaking, listening, reading, and writing skills in Laotian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 102 - First-Year Language Study: Lao

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197081, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197085, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197095, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197097, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

LAO 202 - Second-Year Language Study: Lao

Course Information

Teaching Area (new)
LAO

Course Number
202

Teaching Area
LAO

Course Title
Second-Year Language Study: Lao

Course Description
Continued emphasis on Laotian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 201 - Second-Year Language Study: Lao

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197102, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197107, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197112, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197114, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

LAO 305 - Language Skills Development: Lao

Course Information

Teaching Area (new)
LAO

Course Number
305

Teaching Area
LAO

Course Title
Language Skills Development: Lao

Course Description
Increasing proficiency in one or more of the following Laotian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197131, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197132, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197133, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

LAO 321 - Advanced Grammar: Lao

Course Information

Teaching Area (new)
LAO

Course Number
321

Teaching Area
LAO

Course Title
Advanced Grammar: Lao

Course Description
Advance your Lao through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197134, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197135, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197136, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

Course Information

Teaching Area (new)
LAO

Course Number
330

Teaching Area
LAO

Course Title
Advanced Language Proficiency Through Cultural Studies: Lao

Course Description
Study of Laotian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Lao 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197170, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197172, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197174, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197177, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

LAO 340 - Introduction to Literature: Lao

Course Information

Teaching Area (new)
LAO

Course Number
340

Teaching Area
LAO

Course Title
Introduction to Literature: Lao

Course Description
Explore Lao culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
197182, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197364, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197366, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197368, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

LAO 350 - Advanced Language Study for Career Purposes: Lao

Course Information

Teaching Area (new)
LAO

Course Number
350

Teaching Area
LAO

Course Title
Advanced Language Study for Career Purposes: Lao

Course Description
Concentration on Laotian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAO 330 - Advanced Language Proficiency Through Cultural Studies: Lao

Learning Outcomes

Title
Culture

Tags
213960, 0, 1, 2023-08-29 09:51:36

Learning Outcome
Evaluate and contextualize a significant component of the Lao culture.

Title
Research

Tags
213961, 0, 2, 2023-08-29 09:51:38

Learning Outcome
Produce a research-based project written in the target language, addressing an issue in the student's academic/professional area of interest. Students can choose the most relevant genre for their career.

Title
Professional Speaking

Tags
213962, 0, 3, 2023-08-29 09:51:40

Learning Outcome
Create a persuasive or informative professional talk in the target language, dealing with an issue or need in the student's academic/professional area of interest or career.

LAS 211 - Introduction to Latin American Studies

Course Information

Teaching Area (new)
LT AM

Course Number
211

Teaching Area
LAS

Course Title
Introduction to Latin American Studies

Course Description
History, politics, sociology, geography, and culture of Latin America.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

LAS 390R - Special Topics for Latin American Studies

Course Information

Course Number
390R

Teaching Area
LAS

Course Title
Special Topics for Latin American Studies

Course Description
Subjects related to Latin American Studies from a variety of disciplines.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Topics for this course will vary each semester.

LAS 495 - Senior Seminar in Latin American Studies

Course Information

Teaching Area (new)
LT AM

Course Number
495

Teaching Area
LAS

Course Title
Senior Seminar in Latin American Studies

Course Description
Sources, materials, and methods of research and writing; critical analysis of a research project.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- LAS 211 - Introduction to Latin American Studies

Other Prerequisites
Instructor's consent for minors

Note
Required for all Latin American Studies majors their senior year.

Learning Outcomes

Title
Critical Thinking/Effective Writing

Tags
200105, 0

Learning Outcome
This is a capstone course tailored to individual research and study topics.

LATIN 101 - First-Year Latin (First Semester)

Course Information

Teaching Area (new)
LATIN

Course Number
101

Teaching Area
LATIN

Course Title
First-Year Latin (First Semester)

Course Description
Fundamentals of Classical Latin grammar, syntax, and vocabulary.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading Latin

Tags
189935, 2

Learning Outcome
Successful students will be able to read Latin at an elementary level with a high degree of understanding.

Title
Basic Forms, Grammar, and Vocabulary

Tags
189936, 4

Learning Outcome
Successful students will have command of basic forms, grammatical structures, and vocabulary of Classical Latin.

LATIN 102 - First-Year Latin (Second Semester)

Course Information

Teaching Area (new)
LATIN

Course Number
102

Teaching Area
LATIN

Course Title
First-Year Latin (Second Semester)

Course Description
Fundamentals of Classical Latin grammar, syntax, and vocabulary.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 101 - First-Year Latin (First Semester)

Other Prerequisites
or departmental approval.

Learning Outcomes

Title
Reading

Tags
189937, 3

Learning Outcome
Successful students will be able to read Classical Latin at an elementary level with a high degree of understanding.

Title
Basic Forms, Grammar, and Vocabulary

Tags
189938, 1

Learning Outcome
Successful students will have command of all basic forms, grammatical structures, and vocabulary of Classical Latin.

LATIN 111 - Beginning Latin Accelerated

Course Information

Teaching Area (new)
LATIN

Course Number
111

Teaching Area
LATIN

Course Title
Beginning Latin Accelerated

Course Description
Equivalent of combined Latin 101, 102.

Department
Comparative Arts and Letters

When Taught
Fall, Winter, Spring

Credit Hours

Min:
5

Fixed/Max:
5

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Prepares students for Latin 201.

Learning Outcomes

Title
Basic Forms, Grammatical Structures, and Vocabulary

Tags
189939, 1

Learning Outcome
Successful students will have command of all basic forms, grammatical structures, and basic vocabulary of Classical Latin.

Title
Reading

Tags
189940, 2

Learning Outcome
Successful students will be able to read Classical Latin at an elementary level with a high degree of understanding.

LATIN 121 - Latin for Genealogists

Course Information

Teaching Area (new)
LATIN

Course Number
121

Teaching Area
LATIN

Course Title
Latin for Genealogists

Course Description
Fundamentals of Latin emphasizing its use in documentary records.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic Understanding of Records

Tags
190674, 2

Learning Outcome
Successful students will develop a basic understanding of the organization, structure, and content of parish, notarial, and other records of interest to genealogists, family historians, and archivists.

Title
Reading Latin

Tags
190675, 1

Learning Outcome
Successful students will develop a reading knowledge of simple Latin prose found in parish, notarial, and other records of interest to genealogists, family historians, and archivists.

LATIN 123 - Premedical Latin and Greek

Course Information

Teaching Area (new)
LATIN

Course Number
123

Teaching Area
LATIN

Course Title
Premedical Latin and Greek

Course Description
Introduction to the Latin and Greek roots of modern medical terminology.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
For premedical and predental students and students in the physical and natural sciences (usually taught in the evening).

Learning Outcomes

Title
Basic Vocabulary

Tags
190324, 1

Learning Outcome
Successful students will understand the Latin and Greek roots of modern medical terminology and demostrate that undestanding in examinations.Latin 123 is a service course, provided for pre-med students and not a course that contributes to program-level outcomes of the Classical Studies major. No link to program outcomes is provided.

Title
Basic Texts

Tags
190465, 0

Learning Outcome
Successful students will demonstrate a familiarity with the basic texts of ancient medical writings.Latin 123 is a service course, provided for pre-med students and not a course that contributes to the program-level outcomes of the Classical Studiens majors. No link to program outcomes is provided.

LATIN 201 - Intermediate Latin

Course Information

Teaching Area (new)
LATIN

Course Number
201

Teaching Area
LATIN

Course Title
Intermediate Latin

Course Description
Readings from Caesar, with a review and continuation of grammar.

Department
Comparative Arts and Letters

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- LATIN 102 - First-Year Latin (Second Semester)

OR

Prerequisites

Complete ALL of the following Courses:

- LATIN 111 - Beginning Latin Accelerated

Other Prerequisites
or departmental approval.

Learning Outcomes

Title
Locating Literary Accomplishments

Tags
189942, 2

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author (such as Julius Caesar) in the context of Roman literature generally and of his own literary context specifically.

Title
Translating Classical Latin into English

Tags
189944, 6

Learning Outcome
Successful students should be able to translate a representative Classical Latin text into good English.

Title
Latin Morphology

Tags
189945, 1

Learning Outcome
Successful students will master Latin morphology. All of the forms introduced in Latin 101/102 or Latin 111 should be mastered in Latin 201. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, gerunds, gerundives, etc.

Title
Grammar and Syntax

Tags
189943, 0, 4

LATIN 301 - Classical Latin Poetry

Course Information

Teaching Area (new)
LATIN

Course Number
301

Teaching Area
LATIN

Course Title
Classical Latin Poetry

Course Description
Selections from Vergil's *Aeneid* and Ovid's *Metamorphoses*.

Department
Comparative Arts and Letters

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 201 - Intermediate Latin

Learning Outcomes

Title
Grammar, Syntax, and Meter of Classical Latin Poetry

Tags
189946, 2

Learning Outcome
Successful students will acquire a foundation in the grammar and syntax of Classical Latin poetry. They will also acquire a basic knowledge of the principles of scanning Latin verse. Vergil's Aeneid and Ovid's Metamorphoses are regularly chosen as examples.

Title
Morphology of Classical Latin Poetry

Tags
189947, 4

Learning Outcome
Successful students will master the morphology of Classical Latin poetry. Students should be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

Title
Translation of Latin Poetic Text

Tags
189948, 6

Learning Outcome
Successful students should be able to translate a Latin poetic text into good English.

Title
Locating Literary Accomplishments

Tags
189949, 8

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author (such as Vergil or Ovid) in the context of Latin literature generally and of his own literary context specifically.

LATIN 302 - Classical Latin Prose

Course Information

Teaching Area (new)
LATIN

Course Number
302

Teaching Area
LATIN

Course Title
Classical Latin Prose

Course Description
Readings in Cicero's Catilinarian orations and Sallust's *Catiline*.

Department
Comparative Arts and Letters

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 201 - Intermediate Latin

Learning Outcomes

Title
Grammar, Syntax, and Rhetoric

Tags
189950, 3

Learning Outcome
Successful students should master Latin grammar and syntax and begin to master Latin rhetoric. While they should be able to recognize and identify grammatical and syntactical constructions--a practice already refined in Latin 201, they should also be able to recognize and identify rhetorical devices employed by the author(s) being read and begin to understand the effect of those devices as employed.

Title
Latin Morphology

Tags
189951, 2

Learning Outcome
Successful students will refine their mastery of Classical Latin morphology. Students will be able to identify fully the forms of nouns, adjectives, verbs (finite and infinitive forms), adverbs, participles, etc.

Title
Translation of Complex Latin Prose

Tags
189952, 6

Learning Outcome
Successful students should be able to translate a complex Latin prose text into good English.

Title
Place in Literary History

Tags
189953, 8

Learning Outcome
Successful students should be able to locate the literary accomplishments of the chosen author(s) (such as Cicero and Sallust) in the context of Latin literature generally and of their own literary context specifically.

LATIN 377 - Secondary Teaching Procedures

Course Information

Teaching Area (new)
LATIN

Course Number
377

Teaching Area
LATIN

Course Title
Secondary Teaching Procedures

Course Description
Skills mastery, hearing, speaking, reading, writing, and identification of teacher-pupil activities required for conceptual learning. Lectures, demonstrations, and application of linguistic techniques to practical classroom requirements.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry
  AND SC ED 276R - Exploration of Teaching: English

OR

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose
  AND SC ED 276R - Exploration of Teaching: English

Learning Outcomes

Title
Evaluation of Textbooks

Tags
190251, 1

Learning Outcome
Students in 377 will learn how to evaluate different elementary Latin textbooks.

Title
Bibliography

Tags
190386, 0

Learning Outcome
Students in 377 will assemble an annotated bibliography of Latin teaching practises.

Title
Latin Reading and Composition

Tags
190405, 4

Learning Outcome
Students in 377 will demonstrate at the end of the semester that they can write and read Latin at the level of an advanced undergraduate.

Title
Analyzing Pedagogical Methods

Tags
190413, 3

Learning Outcome
Students in 377 will visit a variety of foreign language classrooms and learn to analyze pedagogical method.

Title
Using Assessment Tools

Tags
190600, 2

Learning Outcome
Students in 377 will learn how to put into practice various types of assessment tools (quizzes, exams, spot-checks, feedback, etc.) to evaluate student learning.

LATIN 378 - Practicum in Teaching Latin

Course Information

Teaching Area (new)
LATIN

Course Number
378

Teaching Area
LATIN

Course Title
Practicum in Teaching Latin

Course Description
Applying methods learned in Latin 377 in the classroom.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Latin 377 or concurrent enrollment

Learning Outcomes

Title
Latin Teaching

Tags
190343, 0

Learning Outcome
By attending, observing, and actively assisting in another teachers' Latin classes, students in 378 will sharpen skills in Latin pedagogy.

LATIN 401 - Latin Prose Composition

Course Information

Teaching Area (new)
LATIN

Course Number
401

Teaching Area
LATIN

Course Title
Latin Prose Composition

Course Description
Advanced review of Classical Latin Grammar, Syntax, and Rhetoric through Latin prose composition.

Department
Comparative Arts and Letters

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Other Prerequisites
or concurrent enrollment.

Learning Outcomes

Title
Reading Comprehension and Stylistic Awareness

Tags
190007, 1

Learning Outcome
Successful students will be able to read Latin prose literature with a high degree of understanding and with stylistic awareness.

Title
Critical Theory

Tags
190008, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical theory, with specific reference to Latin texts.

Title
Text Evaluation

Tags
190009, 7

Learning Outcome
Successful students will be able to evaluate texts through a close reading in the original language.

Title
Latin Composition, Grammar, and Style

Tags
190010, 9

Learning Outcome
Successful students will be able to compose grammatically correct and stylistically appropriate Latin prose with proficiency.

Title
Classical and Late Latin Literary History

Tags
190278, 4

Learning Outcome
Successful students will understand the literary history of Classical and later Latin prose literature.

LATIN 411R - Latin Vulgate and Early Christian Latin Texts

Course Information

Teaching Area (new)
LATIN

Course Number
411R

Teaching Area
LATIN

Course Title
Latin Vulgate and Early Christian Latin Texts

Course Description
Topics include Latin Vulgate and selections from other early Christian Latin texts.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Grammar, Syntax, and Vocabulary

Tags
189954, 1

Learning Outcome
Successful students will master the forms, syntax, and substantial vocabulary of the Latin of the Vulgate and/or other contemporary Christian texts.

Title
Reading the Latin Vulgate and other Christian Texts

Tags
189955, 2

Learning Outcome
Successful students will learn techniques for reading the Latin vulgate and other Latin Christian texts with subtlety and precision.

Title
Critical Method

Tags
189956, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method, with specific reference to the Latin Vulgate and related texts.

Title
Literary History and Context

Tags
189957, 4

Learning Outcome
Successful students will understand the literary history of Biblical and Classical literature in the larger context of political and cultural history.

Title
Evaluation of Texts

Tags
189958, 7

Learning Outcome
Successful students will evaluate texts through close reading in the original language and express this in examinations and essays.

LATIN 430 - Livy

Course Information

Teaching Area (new)
LATIN

Course Number
430

Teaching Area
LATIN

Course Title
Livy

Course Description
Selections from Livy's *Ab Urbe Condita*.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Reading Latin

Tags
189959, 1

Learning Outcome
By approaching the text of Livy successful students will learn techniques of reading Latin prose literature with subtlety, precision, and a high degree of understanding.

Title
Critical Method

Tags
189960, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical theory, with specific reference to the texts of Livy.

Title
Literary History

Tags
189961, 4

Learning Outcome
Successful students will understand the place of Livy in the literary history of Classical antiquity, locating him and his work in the larger context of politcal and cultural history.

Title
Close Reading in Original Language

Tags
189962, 6

Learning Outcome
Successful students will intelligently evaluate the text of Livy through close reading in the original langauge and express this in examinations and essays.

LATIN 431 - Vergil

Course Information

Teaching Area (new)
LATIN

Course Number
431

Teaching Area
LATIN

Course Title
Vergil

Course Description
In-depth study of Vergil's poetry.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Reading Latin

Tags
189963, 1

Learning Outcome
By approaching the texts of Vergil, successful students will learn techniques of reading Latin poetic literature with subtlety and precision.

Title
Critical Method

Tags
189964, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Vergil.

Title
Literary History

Tags
189965, 3

Learning Outcome
Successful students will understand the place of Vergil in the literary history of Classical Literature, locating him in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189966, 6

Learning Outcome
Successful students will intelligently evaluate texts of Vergil through close reading in the original language and express this in examinations and essays.

LATIN 432 - Ovid

Course Information

Teaching Area (new)
LATIN

Course Number
432

Teaching Area
LATIN

Course Title
Ovid

Course Description
In-depth study of Ovid's poetry.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Reading Latin with Understanding

Tags
189967, 1

Learning Outcome
By approaching the texts of Ovid, successful students will learn techniques of reading Latin poetic literature with subtlety and precision.

Title
Critical Method

Tags
189968, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Ovid.

Title
Literary History

Tags
189969, 5

Learning Outcome
Successful students will understand the place of Ovid in the history of Classical Literature, locating him in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
189970, 7

Learning Outcome
Successful students will evaluate texts of Ovid through close reading in the original language and express their understanding in examinations and essays.

LATIN 433 - Cicero

Course Information

Teaching Area (new)
LATIN

Course Number
433

Teaching Area
LATIN

Course Title
Cicero

Course Description
Selections from the works of Cicero.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Close Reading in Original Language

Tags
189971, 1

Learning Outcome
Successful students will evaluate texts of Cicero through close reading in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189972, 2

Learning Outcome
By approaching the texts of Cicero, successful students will learn techniques of reading Latin prose literature with subtlety and precision.

Title
Critical Method

Tags
189973, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Cicero.

Title
Literary History

Tags
189974, 4

Learning Outcome
Students will understand the place of Cicero in the literary history of Classical antiquity, locating him in the larger context of political and cultural history.

LATIN 434 - Plautus and Terence

Course Information

Teaching Area (new)
LATIN

Course Number
434

Teaching Area
LATIN

Course Title
Plautus and Terence

Course Description
In-depth study of the comedies of Plautus and/or Terence.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Close Reading in Original Language

Tags
189975, 1

Learning Outcome
Successful students will evaluate texts of Plautus and Terence through close reading in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189976, 2

Learning Outcome
By approaching the texts of Plautus and Terence successful students will learn techniques of reading Latin verse literature with subtlety and precision.

Title
Critical Method

Tags
189977, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Plautus and Terence.

Title
Literary History

Tags
189978, 4

Learning Outcome
Successful students will understand the place of Plautus and Terence in the literary history of Classical antiquity, locating them in the larger context of political and cultural history.

LATIN 435 - Catullus

Course Information

Teaching Area (new)
LATIN

Course Number
435

Teaching Area
LATIN

Course Title
Catullus

Course Description
In-depth study of the poetry of Catullus.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Reading Latin

Tags
190665, 1

Learning Outcome
By approaching the texts of Catullus, successful students will learn techniques of reading Latin poetic literature with subtlety and precision

Title
Critical Method

Tags
190666, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Catullus.

Title
Literary History

Tags
190667, 3

Learning Outcome
Successful students will understand the place of Catullus in the literary history of Classical Literature, locating him in the larger context of political and cultural history.

Title
Close Reading in the Original Language

Tags
190668, 4

Learning Outcome
Successful students will intelligently evaluate texts of Catullus through close reading in the original language and express this in examinations and essays.

LATIN 436 - Tragedy and Epic of the Early Empire

Course Information

Teaching Area (new)
LATIN

Course Number
436

Teaching Area
LATIN

Course Title
Tragedy and Epic of the Early Empire

Course Description
Selections from Seneca, Lucan, and the Flavian epic poets.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Close Reading in Original Language

Tags
189979, 1

Learning Outcome
Successful students will evaluate tragedy and epic of the Early Roman Empire through close reading in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189980, 2

Learning Outcome
By approaching tragedy and epic of the Early Roman Empire, successful students will learn techniques of reading Latin verse literature with subtlety and precision.

Title
Critical Method

Tags
189981, 3

Learning Outcome
Students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the tragedies and epics of the Early Roman Empire.

Title
Literary History

Tags
189982, 4

Learning Outcome
Students will understand the place of tragedy and epic of the Early Roman Empire in the literary history of Classical literature, locating them in the larger context of political and cultural history.

LATIN 437 - The Latin Epistle

Course Information

Teaching Area (new)
LATIN

Course Number
437

Teaching Area
LATIN

Course Title
The Latin Epistle

Course Description
Letters of Cicero, Seneca, Pliny, and the later tradition.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Close Reading in Original Language

Tags
189983, 1

Learning Outcome
Successful students will evaluate letters of Cicero, Seneca, Pliny, and later authors in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189984, 2

Learning Outcome
By approaching a variety of Latin epistles successful students will learn techniques of reading Latin prose literature with subtlety and precision.

Title
Critical Method

Tags
189985, 5

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the Latin epistolary tradition.

Title
Literary History

Tags
189986, 7

Learning Outcome
Successful students will understand the place of the Latin epistle in the literary history of Classical antiquity, locating it in the larger context of political and cultural history.

LATIN 438 - Horace

Course Information

Teaching Area (new)
LATIN

Course Number
438

Teaching Area
LATIN

Course Title
Horace

Course Description
In-depth study of the poetry of Horace.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Close Reading in Original Language

Tags
189987, 1

Learning Outcome
Successful students will evaluate texts of Horace in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189988, 2

Learning Outcome
By approaching texts of Horace successful students will learn techniques of reading Latin verse literature with subtlety and precision.

Title
Critical Method

Tags
189989, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of Horace.

Title
Literary History

Tags
189990, 4

Learning Outcome
Successful students will understand the place of Horace in the literary history of Classical antiquity, locating him in the larger context of political and cultural history.

LATIN 439 - Tacitus

Course Information

Teaching Area (new)
LATIN

Course Number
439

Teaching Area
LATIN

Course Title
Tacitus

Course Description
In-depth study of the prose of Tacitus.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Close Reading in Original Language

Tags
190011, 1

Learning Outcome
Successful students will intelligently evaluate texts of Tacitus in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
190012, 2

Learning Outcome
By approaching texts of Tacitus successful students will learn techniques of reading Latin prose literature with subtlety and precision.

Title
Literary History

Tags
190013, 4

Learning Outcome
Successful students will understand the place of Tacitus in the literary history of Classical antiquity, locating him in the larger context of political and cultural history.

Title
Critical Method

Tags
190353, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to texts of Tacitus.

LATIN 440 - Roman Satire

Course Information

Teaching Area (new)
LATIN

Course Number
440

Teaching Area
LATIN

Course Title
Roman Satire

Course Description
Selections from Horace, Petronius, and Juvenal.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry

Learning Outcomes

Title
Close Reading in Original Language

Tags
189991, 1

Learning Outcome
Successful students will intelligently evaluate selected texts of Horace, Petronius, and Juvenal in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189992, 2

Learning Outcome
By approaching texts of Horace, Petronius, and Juvenal successful students will learn techniques of reading Latin prose and verse literature with subtlety and precision.

Title
Critical Method

Tags
189993, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to Roman satire.

Title
Literary History

Tags
189994, 4

Learning Outcome
Successful students will understand the place of Roman satire in the literary history of Classical antiquity, locating it in the larger context of political and cultural history.

LATIN 441 - Medieval Latin

Course Information

Teaching Area (new)
LATIN

Course Number
441

Teaching Area
LATIN

Course Title
Medieval Latin

Course Description
Study of particular periods (e.g., Carolingian renaissance, twelfth-century renaissance) or genres (e.g., historiography, epic, autobiography), or survey of medieval Latin.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATIN 301 - Classical Latin Poetry
  AND LATIN 302 - Classical Latin Prose

Learning Outcomes

Title
Close Reading in Original Language

Tags
189995, 1

Learning Outcome
Successful students will intelligently evaluate a variety of Medieval Latin texts in the original language and express their understanding in examinations and essays.

Title
Reading Latin with Understanding

Tags
189996, 2

Learning Outcome
By approaching a variety of Medieval Latin texts successful students will learn techniques of reading Latin prose and verse literature with subtlety and precision.

Title
Critical Method

Tags
189997, 3

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to Medieval Latin texts.

Title
Literary History

Tags
189998, 4

Learning Outcome
Successful students will understand the place of a variety of Medieval Latin authors and texts in the literary history of Classical antiquity and the Middle Ages, locating them in the larger context of political and cultural history.

LATIN 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
LATIN

Course Number
477R

Teaching Area
LATIN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Comparative Arts and Letters

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

LATIN 490R - Topics in Latin Literature

Course Information

Teaching Area (new)
LATIN

Course Number
490R

Teaching Area
LATIN

Course Title
Topics in Latin Literature

Course Description
Topics vary.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading Latin

Tags
189999, 1

Learning Outcome
By approaching the texts of selected Latin authors successful students will learn techniques for reading Latin with subtlety and precision. The author(s) chosen for study will vary according to the preference of the faculty member teaching the course.

Title
Critical Method

Tags
190000, 2

Learning Outcome
Successful students will understand and apply principles and practice of critical method in all its complexity, with specific reference to the texts of selected Latin authors.

Title
Literary History

Tags
190001, 3

Learning Outcome
Successful students will understand the place of selected Latin authors in the literary history of Classical antiquity and locate them in the larger context of political and cultural history.

Title
Close Reading in Original Language

Tags
190002, 4

Learning Outcome
Successful students will intelligently evaluate texts of selected Latin authors through close reading in the original language and express this is examinations and essays.

LATVI 100 - Language Study: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
100

Teaching Area
LATVI

Course Title
Language Study: Latvian

Course Description
Survival-level conversation, reading, listening, and culture skills in Latvian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197370, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197371, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197373, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

LATVI 101 - First-Year Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
101

Teaching Area
LATVI

Course Title
First-Year Latvian

Course Description
Beginning speaking, listening, reading, and writing skills in Latvian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Foreign residence experience.

Note
Credit by examination only.

Learning Outcomes

Title
Comprehension

Tags
193256, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193264, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193274, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193282, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LATVI 102 - First-Year Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
102

Teaching Area
LATVI

Course Title
First-Year Latvian

Course Description
Second-semester speaking, listening, reading, and writing skills in Latvian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATVI 101 - First-Year Latvian

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193290, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193299, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193307, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193316, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LATVI 201 - Second-Year Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
201

Teaching Area
LATVI

Course Title
Second-Year Latvian

Course Description
Intermediate speaking, listening, reading, and writing skills in Latvian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATVI 102 - First-Year Latvian

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193324, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193333, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193342, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193351, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

LATVI 202 - Second-Year Language Study: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
202

Teaching Area
LATVI

Course Title
Second-Year Language Study: Latvian

Course Description
Continued emphasis on Latvian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATVI 201 - Second-Year Latvian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197384, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197387, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197389, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197392, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

LATVI 211R - Second-Year Conversation

Course Information

Teaching Area (new)
LATVI

Course Number
211R

Teaching Area
LATVI

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Latvian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATVI 201 - Second-Year Latvian

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193361, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193370, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194893, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

LATVI 305 - Language Skills Development: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
305

Teaching Area
LATVI

Course Title
Language Skills Development: Latvian

Course Description
Increasing proficiency in one or more of the following Latvian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197408, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197411, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197414, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

LATVI 321 - Advanced Grammar: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
321

Teaching Area
LATVI

Course Title
Advanced Grammar: Latvian

Course Description
Advance your Latvian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197419, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197420, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197423, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

LATVI 330 - Cultural History of Latvia

Course Information

Teaching Area (new)
LATVI

Course Number
330

Teaching Area
LATVI

Course Title
Cultural History of Latvia

Course Description
Study of Latvian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Latvi 201 or foreign residence experience.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Cultural Knowledge

Tags
193090, 2

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
Communication Skills

Tags
193107, 0

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
193169, 1

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
General Education

Tags
194903, 3

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

LATVI 340 - Introduction to Literature: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
340

Teaching Area
LATVI

Course Title
Introduction to Literature: Latvian

Course Description
Explore Latvian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197428, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197430, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197431, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197433, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

LATVI 350 - Advanced Language Study for Career Purposes: Latvian

Course Information

Teaching Area (new)
LATVI

Course Number
350

Teaching Area
LATVI

Course Title
Advanced Language Study for Career Purposes: Latvian

Course Description
Concentration on Latvian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LATVI 330 - Cultural History of Latvia

Learning Outcomes

Title
Defined Career Purposes

Tags
197435, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197437, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197439, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197441, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197442, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

LAW 505 - Torts

Course Information

Teaching Area (new)
LAW

Course Number
505

Teaching Area
LAW

Course Title
Torts

Course Description
Study of the judicial process in civil actions for damages or equitable relief for physical, appropriational, and defamatory harms to personality, property, and relational interests, with some consideration of alternative reparation systems such as workers' compensation.

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Learning Outcomes

Title
Rules and Standards

Tags
200294, 1

Learning Outcome
Understand the distinction between bright line “rules” and more general “standards” like reasonableness.

Title
Counter-arguments

Tags
200349, 5

Learning Outcome
Develop greater ability to offer counter-arguments and dissect claims and assertions regarding a particular law or policy.

Title
Critical Thinking

Tags
200373, 7

Learning Outcome
Be able to think critically about competing approaches to compensating persons who suffer injuries in our society.

Title
Reading Judicial Opinions

Tags
200425, 0

Learning Outcome
Learn how to read judicial opinions with an eye on the relationship between a case’s procedural posture and its substantive outcome.

Title
Common Legal Arguments

Tags
200571, 3

Learning Outcome
Recognize common legal arguments such as efficiency, fairness, distributional, precedent, slippery slope, problematic incentives, etc.

Title
Basic Understanding

Tags
200626, 6

Learning Outcome
Gain a basic understanding of the law of torts (personal injury), including the basic elements of, and defenses to, intentional torts, negligence, and strict liability.

Title
Roles

Tags
200628, 2

Learning Outcome
Have a greater understanding of the relative roles of jury, trial court and appellate court, particularly including the distinction between questions of law and fact and the concept of a standard of review.

Title
Differences

Tags
200644, 4

Learning Outcome
Understand the difference between the common law, statutes, and constitutional law.

LAW 510 - Contracts

Course Information

Teaching Area (new)
LAW

Course Number
510

Teaching Area
LAW

Course Title
Contracts

Course Description
Examination of the promises enforced by law, and the nature of the protection given. Inquiry made into the formation, performance, and discharge of contracts; their assignment, termination, and modification; and the variety, scope, and limitations on remedies. Attention will be given to Article 2 of the Uniform Commercial Code.

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Note
For Law students only.

Learning Outcomes

Title
Contract Enforcement

Tags
200260, 2

Learning Outcome
Students will be able to determine the steps necessary to enforce a contract.

Title
Defenses

Tags
200531, 5

Learning Outcome
Students will understand basic defenses to contract formation and enforcement and identify facts that support such defenses.

Title
Equitable Remedy

Tags
200586, 4

Learning Outcome
Students will understand how to obtain an equitable remedy or calculate damages.

Title
Contract interpretation

Tags
200645, 1

Learning Outcome
Students will be able to interpret a contract.

Title
Breach of Contract

Tags
200650, 3

Learning Outcome
Students will be able to recognize an anticipatory repudiation and a breach of contract.

Title
Enforceable Promise

Tags
200673, 0

Learning Outcome
Students will be able to apply the legal requirements to create an enforceable promise based on:a. offer, acceptance, consideration, and satisfaction of the statute of frauds,b. promissory estoppel, orc. quasi-contract and moral obligation theories.

LAW 515 - Civil Procedure

Course Information

Teaching Area (new)
LAW

Course Number
515

Teaching Area
LAW

Course Title
Civil Procedure

Course Description
A basic study of the operation of courts, including an introduction to the organization of state and federal courts and relationships between them. Topics studied will include jurisdiction over persons, things, and subject matter; venue; the scope of litigation as to claims, defenses, and parties; pleading, pretrial motions, discovery, and pretrial conferences; trials and the functions of judges, juries, and lawyers; appeals and the role of appellate courts; and the enforcement and finality of judgments and decrees.

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Learning Outcomes

Title
Legal Analysis and Reasoning

Tags
200258, 1

Learning Outcome
Students will develop and in class will practice by class Socratic discussion and case briefing skills of good legal analysis, reasoning, problem solving, and advocacy.

Title
Effective Communication

Tags
200414, 3

Learning Outcome
Students will be able to communicate effectively regarding civil procedure issues orally (in class) and in writing (on the final exam and any possible short-report assignment).

Title
Civil Procedure Issues

Tags
200459, 4

Learning Outcome
Students will be able to recognize and address issues that arise in Civil Procedure that implicate relevant ethical, moral, and religious principles.

Title
Basic Research

Tags
200511, 2

Learning Outcome
Students will know how to perform basic research regarding issues concerning the Federal Rules of Civil Procedure.

Title
Fundamental Principles

Tags
200562, 0

Learning Outcome
Students will understand the fundamental principles of American Civil Procedure including the rules, principles, and statutes governing the assertion of jurisdiction (subject matter jurisdiction and jurisdiction over the person or thing), the basic elements, principles and requirements of the Federal Rules of Civil Procedure (including pleadings, parties, motions, discovery, etc.), a few variations on or from those rules in state procedural practices, basic American principles of judgment recognition and judgment (primarily claim and issue preclusion rules), and the basic principles of the Erie doctrine regarding application of state laws and rules in federal court.

Title
Dispute Resolution

Tags
200592, 5

Learning Outcome
Students will understand the value and use of non-adversary alternative dispute resolution procedures and their integration with and use in resolving disputes concerning procedural rules, discovery, etc.

Title
Lifelong Learning

Tags
200647, 6

Learning Outcome
Students will increase their ability and desire to engage in lifelong learning and service in their application, practice and use of the rules of civil procedure.

LAW 520 - Property

Course Information

Teaching Area (new)
LAW

Course Number
520

Teaching Area
LAW

Course Title
Property

Course Description
Inquiry into the nature of "property" and "ownership" of land and structures on land and the ways in which ownership may be established, restricted, transferred, and divided among various persons.

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Learning Outcomes

Title
Perspectives

Tags
200307, 6

Learning Outcome
Appreciate the significance of property law from various perspectives, including economic efficiency, underprivileged, and feminist perspectives.

Title
Foundational Concepts

Tags
200336, 0

Learning Outcome
Students will receive an introduction to the most foundational concepts in property law.

Title
Case Interpretation

Tags
200366, 3

Learning Outcome
Learn to interpret cases in a common law system.

Title
Technical Rules

Tags
200374, 7

Learning Outcome
Develop skills for applying technical rules of property transfer.

Title
Legal Rules

Tags
200481, 4

Learning Outcome
Learn to understand, formulate and question legal rules using public policy analysis.

Title
Analytical Skills

Tags
200524, 1

Learning Outcome
Students will develop analytical skills required of law students and lawyers.

Title
Prediction

Tags
200594, 5

Learning Outcome
Develop ability to predict arguments and outcomes in scenarios where legal rules are not fully resolved.

Title
Self-directed Learner

Tags
200601, 2

Learning Outcome
Students will become self-directed learners of the law.

LAW 525 - Criminal Law

Course Information

Teaching Area (new)
LAW

Course Number
525

Teaching Area
LAW

Course Title
Criminal Law

Course Description
Problems in defining what conduct should be subjected to criminal penalties; the limitations of criminal law as a means for prevention and control of undesirable conduct.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school.

Learning Outcomes

Title
Punishment

Tags
200324, 0

Learning Outcome
Students will be able to understand and apply the various theories of punishment.

Title
Penal Code & Common Law

Tags
200357, 3

Learning Outcome
Students will be versed in the differences between the model penal code and thecommon law as they apply to various crimes.

Title
Elements of a Crime

Tags
200363, 1

Learning Outcome
Students will understand the elements that make up a crime, including mens rea and actus rea.

Title
Statutory Application

Tags
200428, 2

Learning Outcome
Students will have an ability to read statutory language from the model penal code and apply it to the facts of a given case.

LAW 530 - Structures of the Constitution

Course Information

Teaching Area (new)
LAW

Course Number
530

Teaching Area
LAW

Course Title
Structures of the Constitution

Course Description
The Constitution`s distribution of sovereign power between the federal government and the states; its allocation of federal sovereign power among Congress, the president, and the judiciary.

Department
Law School

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Learning Outcomes

Title
Theories of Constitutional Interpretation

Tags
200443, 1

Learning Outcome
Students will appreciate the competing theories of constitutional interpretation.

Title
Allocation of Governmental Authority

Tags
200567, 0

Learning Outcome
Students will have a thorough understanding of the Constitution’s allocation of governmental authority and of the powers and limitations of each of the three branches of government.

Title
Principles of Federalism

Tags
200642, 2

Learning Outcome
Students will be able to demonstrate knowledge of the principles of federalism and an understanding of the role of the States in our constitutional scheme.

LAW 535 - Legislation and Regulation

Course Information

Teaching Area (new)
LAW

Course Number
535

Teaching Area
LAW

Course Title
Legislation and Regulation

Course Description
Introduction to lawmaking in the modern statutory and administrative state. Examining the way Congress and administrative agencies adopt binding rules of law (statues and regulations, respectively) and the way the implementing institutions - courts and administrative agencies - interpret and apply these laws. Considering the theories and justifications behind modern legislative and regulatory behavior, the incentives that influence the behavior of various actors, and the legal rules that help structure the relationships among Congress, the agencies, and the courts.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school.

Learning Outcomes

Title
Lawmaking

Tags
200371, 0

Learning Outcome
Students will gain an understanding of lawmaking in the modern statutory and administrative state.

Title
Critique and Application

Tags
200470, 2

Learning Outcome
Students will be able to critique and apply in practice all of the following: textualist and dynamic methods of interpretation; the major canons of construction; the practice of consulting legislative history; and the rules of judicial deference to agency interpretations.

Title
Statutory Interpretation

Tags
200542, 1

Learning Outcome
Students will be able to confidently identify the strongest arguments for a given interpretation of statutory language and describe the ways in which Congress and administrative agencies adopt binding rules of law and the ways in which implementing instituations interpret and apply these laws.

LAW 540 - Introduction to Individual Rights

Course Information

Course Number
540

Teaching Area
LAW

Course Title
Introduction to Individual Rights

Department
Law School

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Learn Rules Protecting Core Individual Liberties and Fundamental Rights

Learning Outcome
Identify and describe the constitutional rules and doctrines that protect core individual liberties and fundamental rights

Title
Learn Rules Guaranteeing Equal Treatment

Learning Outcome
Identify and describe the constitutional rules and doctrines that guarantee equal treatment for all of God's children, regardless of race, sex, and other personal attributes

Title
Apply Rules to Facts

Learning Outcome
Apply these rules and doctrines to specific factual situations and assess the competing arguments for and against specific individual rights' claims under the Constitution

Title
Apply Tools of Interpretation

Learning Outcome
Identify and apply tools of constitutional interpretation to make arguments about individual rights and liberties

Title
Assess Policy Implications

Learning Outcome
Assess the policy and normative implications of the Constitution's rights and liberties

Title
Identify Divinely-Inspired Principles

Learning Outcome
Identify the divinely-inspired principles reflected in the Constitution's rights and liberties provisions, including the Constitution's commitment to equal justice and human dignity

Title
Discuss Sensitive Questions

Learning Outcome
Discuss sensitive constitutional and legal questions about faith, family, religion, race, and gender in a rigorous and faith-based environment

LAW 545 - Introduction to Legal Research and Writing

Course Information

Teaching Area (new)
LAW

Course Number
545

Teaching Area
LAW

Course Title
Introduction to Legal Research and Writing

Course Description
Introduction to tools and techniques essential to law practice and legal scholarship: legal analysis, research using print sources, and objective writing. Student will write three predictive office memoranda based on library research and complete a series of legal research quizzes and a legal research final exam.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Note
For Law students ONLY.

Learning Outcomes

Title
Fact Pattern

Tags
200382, 3

Learning Outcome
Identify legal issues and relevant facts from a fact pattern.

Title
Reasoning

Tags
200406, 2

Learning Outcome
Identify and articulate the reasoning behind a rule and its application as explained within a court opinion.

Title
Research Skills

Tags
200429, 0

Learning Outcome
Identify legal sources in various formats and understand how each contributes to legal research, devise a research strategy, and conduct effective, efficient, and thorough research

Title
Citations

Tags
200445, 6

Learning Outcome
Properly cite to a legal authority.

Title
Communication

Tags
200489, 5

Learning Outcome
Communicate in “plain English” to avoid legalese, unnecessary jargon, and other styles that call attention to the writing itself or in other ways obscure or detract attention from your meaning.

Title
Legal Rules

Tags
200557, 1

Learning Outcome
Identify legal rules and principles from a series of cases, synthesize the individual rules or principles into a complete rule, break the synthesized rule down into its component parts, and explain the relationship between them.

Title
Write a Proof

Tags
200665, 4

Learning Outcome
Write a complete and coherent proof of a conclusion of law that gives the reader the conclusion, states the rules that govern that conclusion, explains and analyzes those rules and shows how they operate, and applies them to the facts of your case.

LAW 546 - Introduction to Advocacy

Course Information

Teaching Area (new)
LAW

Course Number
546

Teaching Area
LAW

Course Title
Introduction to Advocacy

Course Description
Focuses on appellate legal writing and oral advocacy. Student will prepare an appellate brief and orally argue the case. Also includes training for online legal databases and introduction to administrative law and legislative history research.

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAW 545 - Introduction to Legal Research and Writing

Other Prerequisites
Admission to law school.

Learning Outcomes

Title
Fundamentals

Tags
200342, 0

Learning Outcome
Students will learn the fundamentals of legal research, writing, and analysis, and will produce high quality legal documents, including an appellate brief, and revise your own and critique classmates’ work.

Title
Citations

Tags
200350, 9

Learning Outcome
Properly cite to a legal authority.

Title
Communication

Tags
200375, 8

Learning Outcome
Communicate in “plain English” to avoid legalese, unnecessary jargon, and other styles that call attention to the writing itself or in other ways obscure or detract attention from your meaning.

Title
Fact Statement

Tags
200405, 11

Learning Outcome
Identify determinative, contextual, and coincidental facts from a fact pattern, and arrange the necessary facts into a logical and objective fact statement.

Title
Legal Research

Tags
200431, 2

Learning Outcome
Complete effective, efficient, and thorough legal research.

Title
Legal rules

Tags
200502, 1

Learning Outcome
Identify legal rules and principles from a series of cases, synthesize the individual rules or principles into a complete rule, break the synthesized rule down into its component parts, and explain the relationship between them.

Title
Reasoning

Tags
200520, 3

Learning Outcome
Identify and articulate the reasoning behind a rule and its application as explained within a court opinion.

Title
Appellate Brief

Tags
200547, 12

Learning Outcome
For the Appellate Brief thespecific learning outcomes are:to formulate a persuasive, critical legal theory limited to the legal and factual issues identified by the Court in its Orderto identify, understand, and apply the correct standard of appellate review in this caseto analyze and synthesize the relevant authority in light of the facts of the caseto criticize and synthesize the legal argument of the opposing side and to develop your argument in response to the opposing sideto devise and implement a coherent and effective research strategyto correctly attribute and cite legal authorityto demonstrate professional style, grammar, and organizationto edit another associate's work and receive critique of your own work

Title
Oral Argument

Tags
200575, 13

Learning Outcome
For the Oral Argument the specific learning outcomes are:to understand the process and procedure for an appellate oral argumentto know how to speak publicly so your judicial audience will understand.to develop analytical listening and observation skills.to be able to construct, organize, and deliver an effective appellate oral argumentto be able to answer questions from judges about the substance of the argument, underlying legal principles, and application to hypothetical fact scenarios

Title
Strengths & Weaknesses

Tags
200578, 10

Learning Outcome
Identify organizational, analytical, and communication strengths and weaknesses within another author’s work.

Title
Results

Tags
200599, 6

Learning Outcome
Apply the reasoning drawn from precedent cases to the facts of your case to show your reader why and how that reasoning should lead to the same or a different result.

Title
Analogies & Distinctions

Tags
200615, 5

Learning Outcome
Draw meaningful analogies or make relevant distinctions between the facts of precedent cases and the facts of your client’s case.

Title
Conclusion of Law

Tags
200633, 4

Learning Outcome
Write a complete and coherent proof of a conclusion of law that shows your reader the conclusion you predict, states the rules that govern that conclusion, explains and analyzes those rules and shows how they operate, and applies them to the facts of your case.

Title
Legal Issues

Tags
200666, 7

Learning Outcome
Identify legal issues from a fact pattern, and devise and implement a research strategy to locate authority you need to solve the problem.

LAW 549 - Foundations of Faithful Lawyering

Course Information

Teaching Area (new)
LAW

Course Number
549

Teaching Area
LAW

Course Title
Foundations of Faithful Lawyering

Course Description
This optional, one-credit 1L course is designed to support students in their personal journey of becoming Christlike lawyer-leaders.

Department
Law School

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Note
For Law Students ONLY; limited enrollment size.

Learning Outcomes

Title
Religious and Moral Values

Tags
200457, 3

Learning Outcome
Students will be able to integrate religious and moral values into legal work.

Title
Professionalism

Tags
200576, 1

Learning Outcome
Students will understand the concept of professionalism.

Title
Roles of Lawyers

Tags
200622, 2

Learning Outcome
Students will understand the roles of lawyers in society.

Title
Process

Tags
200676, 0

Learning Outcome
Students will be able to understand and explain the process of legal education

LAW 550 - Professional Development Lecture Series 1

Course Information

Teaching Area (new)
LAW

Course Number
550

Teaching Area
LAW

Course Title
Professional Development Lecture Series 1

Course Description
This course is specifically designed to assist law students in determining which career path they want to pursue. Each session features a different practicing attorney who will discuss the nuts and bolts of practicing law in areas such as real estate, law office management, part-time employment options, tax, bankruptcy, international corporate law, alternative dispute resolution, family law,

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Note
For Law students ONLY.

Learning Outcomes

Title
Introduction to Experts

Tags
200274, 4

Learning Outcome
Students will be introduced to experts in their field and provided with the opportunity to interact with them.

Title
Career Understanding

Tags
200394, 3

Learning Outcome
Students will be able to understand and explain what a particular career involves in terms of day to day duties, and advantages or disadvantages.

Title
Career Options

Tags
200453, 0

Learning Outcome
Students will be able to understand and explain the different career options available for JD graduates.

Title
Requirements

Tags
200559, 1

Learning Outcome
Students will be able to understand and explain the requirements and recommended background needed for a specific career choice.

Title
Skills Matching

Tags
200563, 2

Learning Outcome
Students will be able to understand and explain whether their particular skills, talents, or personality traits would match with a particular career.

LAW 551 - Professional Development Lecture Series 2

Course Information

Teaching Area (new)
LAW

Course Number
551

Teaching Area
LAW

Course Title
Professional Development Lecture Series 2

Course Description
This course is specifically designed to assist law students in determining which career path they want to pursue. Each session features a different practicing attorney who will discuss the nuts and bolts of practicing law in areas such as real estate, law office management, part-time employment options, tax, bankruptcy, international corporate law, alternative dispute resolution, family law,

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school

Learning Outcomes

Title
Skills Matching

Tags
200300, 2

Learning Outcome
Students will be able to understand and explain whether their particular skills, talents, or personality traits would match with a particular career.

Title
Career Options

Tags
200439, 0

Learning Outcome
Students will be able to understand and explain the different career options available for JD graduates.

Title
Career Requirements

Tags
200492, 1

Learning Outcome
Students will be able to understand and explain the requirements and recommended background needed for a specific career choice.

Title
Introduction to Experts

Tags
200548, 4

Learning Outcome
Students will be introduced to experts in their field and provided with the opportunity to interact with them.

Title
Career Understanding

Tags
200630, 3

Learning Outcome
Students will be able to understand and explain what a particular career involves in terms of day to day duties, and advantages or disadvantages.

LAW 552 - Professional Development Skills Training

Course Information

Teaching Area (new)
LAW

Course Number
552

Teaching Area
LAW

Course Title
Professional Development Skills Training

Course Description
Looking for legal employment can be frustrating if you lack the tools for a successful job search. This course will help students to create resumés, business correspondence, and marketing plans; to understand ways to effectively interview and build a professional network; and to strategically incorporate technology and published resources in the job search.

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to law school.

Note
For Law students ONLY.

Learning Outcomes

Title
Job Search Strategy

Tags
200271, 2

Learning Outcome
Students will develop the skills to create and implement a job search strategy, including enhancing interviewing skills and creating professional marketing materials.

Title
Successful Job Search

Tags
200530, 0

Learning Outcome
Students will be able to understand, explain and utilize the tools to implement a successful job search.

Title
Networking

Tags
200539, 3

Learning Outcome
Students will develop networking skills through class instruction and by providing networking opportunities.

Title
Career Path

Tags
200573, 1

Learning Outcome
Students will be able to determine their career path, including self evaluation and career identification.

Title
Professionalism

Tags
200608, 4

Learning Outcome
Students will be able to understand, explain and utilize the tools that enhance professionalism and develop professional etiquette skills.

LAW 553 - 1L Academies

Course Information

Course Number
553

Teaching Area
LAW

Course Title
1L Academies

Course Description
This course is an experiential capstone to the 1L Professional Development series. Students will travel to participate in an intensive exploration of an area of law led by BYU faculty and hosted by a law firm with relevant expertise.

Department
Law School

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
1

Other Prerequisites
Law 552 Fall and Winter Semester

Learning Outcomes

Title
Career planning

Learning Outcome
Students will gain insight into a specific practice area that will inform career decisions related to their 2L summer and beyond.

Title
Practical application

Learning Outcome
Students will see the connection between the 1L Professional Development Series (along with their academic classes) and the skills and attributes needed to succeed in practice.

Title
Networking skills

Learning Outcome
Students will learn how to navigate different types of networking settings through law firm receptions, panel discussions, lunches, and other interactions with law firm attorneys.

Title
Practice area exposure

Learning Outcome
Students will receive training in a particular field and see firsthand the type of work attorneys in that field do.

Title
Geographic exposure

Learning Outcome
Students will learn what life is like in a given city or region by engaging with locals.

Title
Professional expectations

Learning Outcome
Students will increase understanding of professional norms and obligations in a big law setting and/or particular practice area.

LAW 555 - 1L Skills Lab

Course Information

Teaching Area (new)
LAW

Course Number
555

Teaching Area
LAW

Course Title
1L Skills Lab

Course Description
Develop and refine a range of skills that will improve performance on law school exams, on the bar, and in the practice of law.

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Application or invitation from the Associate Dean of Research and Academic Affairs, the Director of Academic Development, or the Associate Dean of Faculty and Curriculum. Fall semester of first-year law school coursework.

LAW 599R - Externship

Course Information

Teaching Area (new)
LAW

Course Number
599R

Teaching Area
LAW

Course Title
Externship

Course Description
Students are able to earn one credit for each 45 hours of work performed in an approved externship.

Department
Law School

When Taught
Fall, Winter, Summer

Credit Hours

Min:
1

Fixed/Max:
10

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LAW 545 - Introduction to Legal Research and Writing
  AND LAW 546 - Introduction to Advocacy

Other Prerequisites
First-year law courses

Note
An approved Internship Application is required before adding.

Learning Outcomes

Title
Externships

Tags
200299, 0

Learning Outcome
Upon completing a term of uncompensated work in a public agency, court, or other law office, students will have improved their knowledge of law practice and will have enhanced their lawyering skills.

LFSCI 101 - Life Sciences Seminar

Course Information

Teaching Area (new)
LFSCI

Course Number
101

Teaching Area
LFSCI

Course Title
Life Sciences Seminar

Course Description
Services offered by the Life Sciences Advisement Center; choosing an appropriate major in the college.

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Life Sciences Seminar

Tags
201959, 0

Learning Outcome
1. Describe the services offered by the Life Sciences Student Services and when those services might be applied to your circumstances.2. Describe your understanding of what advising is and how you might benefit from the regular use of it.3. Design a curriculum plan to meet your career goals in the eight or nine semesters you have to graduate from BYU. Be able to articulate why this is important to you, the university, and other students.4. Demonstrate the ability to utilize MYMAP by organizing your major and general education courses for next semester.5. Articulate your personal and educational goals as you understand them this semester.6. Define proper classroom etiquette, and identify behaviors in your paragraph that show respect for faculty and presenters.7. Become acquainted with either an academic advisor or a faculty member this semester by visiting them at least three times.8. Deconstruct or evaluate high school learning strategies.9. Evaluate at least two majors in the College of Life Sciences that interest you by describing the discipline, the learning outcomes, courses required, and possible careers or post-graduate opportunities. If you have learned that none of our majors fit you, explain why.10. Describe the various university resources and what services they have for students.11. Describe BYU's unique campus culture.

LFSCI 190R - Peer Consulting

Course Information

Teaching Area (new)
LFSCI

Course Number
190R

Teaching Area
LFSCI

Course Title
Peer Consulting

Course Description
Active involvement as a peer consultant in the College of Life Sciences.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

LFSCI 190R - College of Life Sciences Student Council

Course Information

Teaching Area (new)
LFSCI

Course Number
190R

Teaching Area
LFSCI

Course Title
College of Life Sciences Student Council

Course Description
Active involvement on the student council for the College of Life Sciences. Issues facing students in the college explored and solutions suggested.

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Approval by Life Sciences Advisement.

Learning Outcomes

Title
Life Sciences Student Council

Tags
201902, 0

Learning Outcome
1. Actively develop new leadership skills2. Represent the students of the College of life Sciences3. Set a personal goal in the area of leadership development

LFSCI 199R - Nonresearch Academic Internship

Course Information

Teaching Area (new)
LFSCI

Course Number
199R

Teaching Area
LFSCI

Course Title
Nonresearch Academic Internship

Course Description
Academic internship for work experience or job shadowing. Does NOT involve mentored research.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Approval by Life Sciences Advisement.

Note
An APPROVED Internship Application is required before adding. Students find their own experience, then submit application here.

Learning Outcomes

Title
Nonresearch Academic Internship

Tags
202009, 0

Learning Outcome
1. Gain work experience and/or insight to possible careers by observing qualified providers.2. Exhibit proficient writing skills by producing a summary paper at the conclusion of the internship.3. Function as a collaborative team member while participating in the internship experience.

LFSCI 399R - Academic Internship

Course Information

Teaching Area (new)
LFSCI

Course Number
399R

Teaching Area
LFSCI

Course Title
Academic Internship

Course Description
Approved experiential learning.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Mentor's consent.

Note
An approved Internship Application is required before adding. To register, contact Life Sciences Advisement at 801-422-3042. Students find their own research internship.

Learning Outcomes

Title
Academic Internship

Tags
201956, 0

Learning Outcome
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or a scientific poster. 3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

LFSCI 399R - Mentored Internship

Course Information

Teaching Area (new)
LFSCI

Course Number
399R

Teaching Area
LFSCI

Course Title
Mentored Internship

Course Description
Approved experiential learning.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Mentor's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Mentored Internship

Tags
203512, 1

Learning Outcome
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.
2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or a scientific poster.
3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.
4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

LFSCI 489R - Senior Library Thesis

Course Information

Teaching Area (new)
LFSCI

Course Number
489R

Teaching Area
LFSCI

Course Title
Senior Library Thesis

Course Description
Mentored library study that extensively explores relevant questions determined by an approved faculty mentor.

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Prospectus approval by Life Sciences Advisement.

Learning Outcomes

Title
Senior Library Thesis

Tags
202029, 0

Learning Outcome
1. Develop a research problem and have the prospectus evaluated by Life Science Student Services.2. Prepare a thesis following University protocol.

LFSCI 490R - Special Problems

Course Information

Teaching Area (new)
LFSCI

Course Number
490R

Teaching Area
LFSCI

Course Title
Special Problems

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Learning Outcomes

Title
Special Problems

Tags
201966, 0

Learning Outcome
1. The student is expected to have this experience preapproved by Life Science Student Services.2. Develop a research or problem-solving component which is mutually agreed upon by Life Science Student Services and the student.3. Develop a portfolio during the experience. This portfolio should discuss topics including but not limited to: an abstract of the project, a description of methods and materials (include tables, graphs, pictures or other visuals as appropriate), results, summary, and significance of the laboratory experience. The portfolio must be a minimum of 5-6 pages in report form.

LFSCI 494R - Mentored Research

Course Information

Teaching Area (new)
LFSCI

Course Number
494R

Teaching Area
LFSCI

Course Title
Mentored Research

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Mentor's consent

Note
Contact the Life Sciences Advisement Center to register (801-422-3042).

Learning Outcomes

Title
Mentored Research

Tags
202006, 0

Learning Outcome
1. Demonstrate critical or analytical thinking skills by analyzing and interpreting experimental data.2. Exhibit proficient writing skills by producing a portfolio, research paper, scientific journal article, and/or scientific poster.3. Critically read scientific literature and evaluate the ability of an argument or evidence to support a conclusion.4. Function as a collaborative team member by participating in student mentored learning groups or research groups.

LING 110 - Introduction to Human Language

Course Information

Teaching Area (new)
LING

Course Number
110

Teaching Area
LING

Course Title
Introduction to Human Language

Course Description
Introduces students to the basic principles of language. The course considers language as part of our human, biological heritage, as wel as critical for our social and intellectual development.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Communicate Regarding Language Issues

Tags
198416, 3

Learning Outcome
Demonstrate through written work, an ability to communicate application of an informed, evaluative perspective, applying evidence to a concrete instance when language usage becomes the focus of debate, contention or exposition in the real world of individuals, families, and public policies. (GE Social Science Outcomes 1,4,5)

Title
Critical Understanding of Language Behavior

Tags
198417, 2

Learning Outcome
Apply new perspectives to a critical understanding of folk conceptions of language behavior using a valid linguistic methodology within an accepted model. (GE Social Science Outcomes 1,4)

Title
Understanding Language Capacity

Tags
198418, 1

Learning Outcome
Think critically about language as an inherent ability, as a tool for reasoning and expressivity, and as an analogue for other capacities, processes, and experiences.(GE Social Science outcomes 2, 3)

LING 198 - Career Explorations in Linguistics

Course Information

Teaching Area (new)
LING

Course Number
198

Teaching Area
LING

Course Title
Career Explorations in Linguistics

Course Description
Investigation of careers available with linguistics BA. Emphasis on planning one's major. Students should take this course early in their major.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Ling 201

LING 201 - Introduction to Linguistics (Modern)

Course Information

Teaching Area (new)
LING

Course Number
201

Teaching Area
LING

Course Title
Introduction to Linguistics (Modern)

Course Description
Basic understanding of linguistic systems. Phonology, morphology, syntax, semantics, and pragmatics.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Major Subfields of Linguistics

Tags
198077, 0

Learning Outcome
Be familiar with some of the major subfields of linguistics and the main topics of interest within each subfield.

Title
Basic Techniques

Tags
198200, 2

Learning Outcome
Master techniques of basic phonological, morphological, syntactic, and historical analysis.

Title
Structure Understanding

Tags
198276, 1

Learning Outcome
Demonstrate understanding of phonological, morphological, and syntactic structure.

LING 210 - Sounds of Language

Course Information

Teaching Area (new)
LING

Course Number
210

Teaching Area
LING

Course Title
Sounds of Language

Course Description
Introduction to the description and analysis of speech sounds.

Department
Linguistics

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Explain Processes

Tags
198088, 3

Learning Outcome
Explain common phonetic processes.

Title
Transcribe and Describe

Tags
198411, 2

Learning Outcome
Transcribe and give articulatory descriptions for common speech sounds of the world's languages, including those of English.

Title
Analyze Data

Tags
198412, 4

Learning Outcome
Complete basic phonological analyses using knowledge of:

the phonemic principle
the content and organization of phonological features, and
the elements of prosody (syllable, stress, etc).

LING 220 - Structure in Language

Course Information

Teaching Area (new)
LING

Course Number
220

Teaching Area
LING

Course Title
Structure in Language

Course Description
Introduction to the analysis of word and sentence structure.

Department
Linguistics

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Basic Syntactic Analysis

Tags
198102, 0

Learning Outcome
Complete basic syntactic analyses using knowledge ofparts of speechconstituent structuregrammatical relations

Title
Terminology and Formalisms

Tags
198226, 2

Learning Outcome
Describe the results of analyses using appropriate terminology and formalisms.

Title
Basic Morphological Analysis

Tags
198290, 1

Learning Outcome
Complete basic morphological analyses using knowledge ofbasic word formation processesthe distinction between inflection and derivation and common inflectional categoriesproperties of the interfaces of morphology with phonology and syntax

LING 230 - Meaning in Language

Course Information

Teaching Area (new)
LING

Course Number
230

Teaching Area
LING

Course Title
Meaning in Language

Course Description
Introduction to the analysis of meaning in words, grammar, and discourse.

Department
Linguistics

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Application of Semantic and Pragmatic Procedures

Tags
198075, 0

Learning Outcome
Conduct semantic and pragmatic analyses and explications of natural human language at the lexical, grammatical, discourse and metaphorical levels applying a variety of semantic and pragmatic analytical procedures

Title
Semantic and Pragmatic Theories

Tags
198139, 1

Learning Outcome
Critique contemporary approaches to semantic and pragmatic analyses by becoming familiar with semantic and pragmatic theories.

Title
Writing about Meaning

Tags
198161, 2

Learning Outcome
Argue for a particular semantic or pragmatic explication through producing papers and project reports.

LING 240 - Linguistic Tools 1

Course Information

Teaching Area (new)
LING

Course Number
240

Teaching Area
LING

Course Title
Linguistic Tools 1

Course Description
Introduction to quantitative and qualitative research methods in linguistics.

Department
Linguistics

When Taught
Fall and Winter; Spring: Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Data Collection Techniques

Tags
198133, 1

Learning Outcome
Be able to collect linguistic data using interviews, surveys, experiments, corpora, etc

Title
Description of Results

Tags
198151, 3

Learning Outcome
Be able to describe the results of linguistic research using appropriate terminology and rhetorical strategies (i.e., talk and write like a linguist).

Title
Application of Tools for Data Analysis

Tags
198320, 2

Learning Outcome
Be able to use appropriate tools to analyze linguistic data.

Title
Hypothesizing

Tags
198321, 0

Learning Outcome
Be able to formulate testable hypotheses concerning language.

LING 299R - Academic Internship: English Language Teaching

Course Information

Teaching Area (new)
LING

Course Number
299R

Teaching Area
LING

Course Title
Academic Internship: English Language Teaching

Course Description
Students with focused training teach specific English skills to speakers of other languages in the U.S. or abroad.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 377R - Basic Training in TESOL

Learning Outcomes

Title
Provide service to English language learners

Tags
198329, 0

Learning Outcome
Provide service to English language learners in various, real-world settings

Title
Apply concepts in real situations

Tags
198330, 1

Learning Outcome
Apply linguistic and pedagogical concepts learned in TESOL basic training coursework in real world situations.

Title
Develop confidence and satisfaction

Tags
198331, 2

Learning Outcome
Develop feelings of confidence and satisfaction from experience teaching English as a second language.

LING 310 - Phonetics

Course Information

Teaching Area (new)
LING

Course Number
310

Teaching Area
LING

Course Title
Phonetics

Course Description
General inventory of speech sounds possible in language, from both an acoustic and articulatory point of view.

Department
Linguistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 210 - Sounds of Language

Learning Outcomes

Title
Producing and Transcribing Sounds

Tags
198209, 1

Learning Outcome
Produce and transcribe approximately 100 of the sounds of the world’s languages and describe the articulatory and acoustic properties of these sounds.

Title
Phonetic Systems

Tags
198213, 6

Learning Outcome
Recognize the phonetic systems of several languages and how and why the languages are organized the way they are.

Title
Transcribing and Explaining Phonetic Processes

Tags
198215, 2

Learning Outcome
Transcribe and explain the phonetic processes common to languages of the world.

Title
Field Work in Phonetics

Tags
198234, 3

Learning Outcome
Perform field work in phonetics—learning to record and acoustically analyze phonetics data.

LING 315 - Phonology

Course Information

Teaching Area (new)
LING

Course Number
315

Teaching Area
LING

Course Title
Phonology

Course Description
Study of natural language sound systems from a variety of theoretical perspectives.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 210 - Sounds of Language

Learning Outcomes

Title
Communicate Results of Analyses

Tags
198281, 1

Learning Outcome
Present the results of phonological analyses, showing awareness of foundational issues in theories of phonology.

Title
Phonological Analysis

Tags
198347, 0

Learning Outcome
Use a theoretical model to complete a phonological analysis at an intermediate level using appropriate methods and techniques.

LING 320 - Morphology

Course Information

Teaching Area (new)
LING

Course Number
320

Teaching Area
LING

Course Title
Morphology

Course Description
Theory and analysis of word structure in human language.

Department
Linguistics

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 220 - Structure in Language

Recommended
LING 240 or ELING 273 recommended prerequisites

Learning Outcomes

Title
Morphological Analysis

Tags
198345, 1

Learning Outcome
Use a theoretical model to complete a morphological analysis at an intermediate level using appropriate methods and techniques.

Title
Present Results

Tags
198346, 2

Learning Outcome
Present the results of morphological analyses showing awareness of foundational issues in theories of morphology.

LING 325 - Syntax

Course Information

Teaching Area (new)
LING

Course Number
325

Teaching Area
LING

Course Title
Syntax

Course Description
Theoretical comparison and contrast of different sentence types. Methods of argument to develop and critique generative theories of lexical categories, grammatical roles, and syntactic structure.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern) **AND** LING 220 - Structure in Language

Learning Outcomes

Title
Application and Relevance

Tags
198080, 7

Learning Outcome
Apply these outcomes to English and investigate their relevance to other languages.

Title
Argue and Support

Tags
198121, 6

Learning Outcome
In writing and speaking, argue for (or against) particular theory dependent interpretations of structure, and support the argument with empirical evidence.

Title
Theory and Analysis Application

Tags
198270, 4

Learning Outcome
Understand and apply a theoretical framework and analytical techniques to determine and describe constituents.

Title
Recognizing and Classifying Constituents

Tags
198306, 2

Learning Outcome
Recognize and classify different types of constituents, including phrases and sentences.

LING 332 - Semantics

Course Information

Teaching Area (new)
LING

Course Number
332

Teaching Area
LING

Course Title
Semantics

Course Description
Theory and analysis of natural language semantics from a variety of theoretical perspectives.

Department
Linguistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 230 - Meaning in Language

OR

Prerequisites

Complete ALL of the following Courses:

- **AND** LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Understand and Apply Theoretical Framework and Analytical Techniques

Tags
198362, 1

Learning Outcome
Understand and apply a theoretical framework and analytical techniques to account for meanings of morphemes, words, phrases, clauses and sentences as determined by intrinsic language form and structure.

Title
Complete a Semantic Analysis

Tags
198363, 2

Learning Outcome
Use a theoretical model to complete a semantic analysis at an intermediate level using appropriate methods and techniques.

Title
Present Results of Semantic Analyses

Tags
198364, 3

Learning Outcome
Present the results of semantic analyses, showing awareness of foundational issues in theories of semantics.

LING 335 - Pragmatics

Course Information

Teaching Area (new)
LING

Course Number
335

Teaching Area
LING

Course Title
Pragmatics

Course Description
Theory and analysis of pragmatics from a variety of theoretical perspectives.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 230 - Meaning in Language

OR

Prerequisites

Complete ALL of the following Courses:

- **AND** LING 201 - Introduction to Linguistics (Modern)

Learning Outcomes

Title
Understand and Apply a Theoretical Framework and Analytical Techniques

Tags
198365, 1

Learning Outcome
Understand and apply a theoretical framework and analytical techniques to account for meanings of words and sentences as determined by their active use in a social or practical context.

Title
Complete a Pragmatic Analysis

Tags
198366, 2

Learning Outcome
Use a theoretical model to complete a pragmatic analysis at an intermediate level using appropriate methods and techniques.

Title
Present Results

Tags
198367, 3

Learning Outcome
Present the results of pragmatic analyses, showing awareness of foundational issues in theories of pragmatics.

LING 360 - (Ling-DigHT) Programming for Text Processing and Analysis

Course Information

Teaching Area (new)
LING

Course Number
360

Teaching Area
LING

Course Title
(Ling-DigHT) Programming for Text Processing and Analysis

Course Description
Development of computer applications for research in language and literature (text processing, retrieval, and analysis) in one or more programming languages (e.g., Perl, Python, etc.).

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- C S 110 - How to Program
  OR C S 111 - Introduction to Computer Science
  OR DIGHT 210 - Programming in the Humanities 1

Other Prerequisites
Or Instructor Consent due to previous programming experience

Learning Outcomes

Title
Understanding of Unicode

Learning Outcome
Students will have an advanced understanding of Unicode and its advantages over ASCII and other text encoding standards.

Title
Locate Complex Patterns and Make Substitutions

Learning Outcome
Students will be able to locate complex patterns and make substitutions within texts for the purpose of manipulating and analyzing texts and corpora.

Title
Practical Problems

Learning Outcome
Students will solve practical problems in text processing, e.g., text encoding conversion, reading/writing files, and corpus management.

Title
Programming Skill

Learning Outcome
Students will apply basic programming skills using data structures, control flow statements, and regular expressions.

Title
Python

Learning Outcome
Students will use existing Python packages as well as develop their own to process and manipulate texts, extract linguistic data, and generate data visualizations.

Title
Formatting Best Practices

Learning Outcome
Students will apply code formatting standards to produce well-organized, readable, maintainable code.

LING 361 - Speech Processing

Course Information

Teaching Area (new)
LING

Course Number
361

Teaching Area
LING

Course Title
Speech Processing

Course Description
Analyzing and manipulating speech data. Developing software applications that include speech recognition and/or speech generation.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- C S 110 - How to Program
  OR C S 111 - Introduction to Computer Science
  OR DIGHT 210 - Programming in the Humanities 1

Recommended
Ling 360.

Learning Outcomes

Title
Speech Processing

Tags
198079, 1

Learning Outcome
Understand the basics of phonetic, phonological, and lexical aspects of speech processing.

Title
Speech-related Processing

Tags
198164, 4

Learning Outcome
Use common data structures and formats in speech-related processing.

Title
Speech-based Processing Programs

Tags
198235, 1

Learning Outcome
Design and implement speech-based processing programs using widely available speech toolkits.

Title
Current Advancements

Tags
198284, 3

Learning Outcome
Become familiar with current advancements and research in speech processing

LING 377R - Basic Training in TESOL

Course Information

Teaching Area (new)
LING

Course Number
377R

Teaching Area
LING

Course Title
Basic Training in TESOL

Course Description
Basic preparation to teach English to speakers of other languages in particular settings.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Planned participation in IAS- or U.S.-based English teaching experience

Note
Especially for international service volunteers who plan to teach ESL or EFL.

LING 399R - Academic Internship: Linguistics

Course Information

Teaching Area (new)
LING

Course Number
399R

Teaching Area
LING

Course Title
Academic Internship: Linguistics

Course Description
On-the-job experience and education related to linguistics.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Apply academic coursework to the world

Tags
198177, 0

Learning Outcome
Students will learn to apply concepts learned in their academic classes to everyday, practical, linguistic situations outside the university.

Title
Enrich classroom concepts through work experience

Tags
198184, 1

Learning Outcome
Interns' real-world work experiences will enhance and enrich their understanding of academic concepts they learned in university classes.

LING 401 - Preparation for Graduate Studies in Linguistics

Course Information

Teaching Area (new)
LING

Course Number
401

Teaching Area
LING

Course Title
Preparation for Graduate Studies in Linguistics

Course Description
Introduction to phonology, phonetics, morphology, syntax, semantics, and pragmatics for students not majoring in linguistics, but planning to study linguistics in graduate school.

Department
Linguistics

When Taught
Summer Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the field

Tags
198409, 1

Learning Outcome
Be familiar with the major subfields of linguistics and the main topics of interest within each subfield.

Title
Analytical skills

Tags
198410, 2

Learning Outcome
Demonstrate understanding of phonological, morphological, and syntactic structure and learn basic techniques of phonological, morphological, and syntactic analysis.

LING 421R - Studies in Linguistics

Course Information

Teaching Area (new)
LING

Course Number
421R

Teaching Area
LING

Course Title
Studies in Linguistics

Course Description
Studies in specialized topics within Linguistics.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)

LING 440 - Linguistic Tools 2

Course Information

Teaching Area (new)
LING

Course Number
440

Teaching Area
LING

Course Title
Linguistic Tools 2

Course Description
Linguistic research tools and methods; resources, literature, and synthesis of techniques.

Department
Linguistics

When Taught
Fall Contact Dept.; Winter Contact Dept.; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete at least 1 of the following courses:

- C S 110 - How to Program
  OR C S 111 - Introduction to Computer Science
  OR DIGHT 210 - Programming in the Humanities 1

Other Prerequisites
Or instructor consent because of previous programming experience

Recommended
Ling 240.

Learning Outcomes

Title
Describe and Use Tools

Tags
198337, 1

Learning Outcome
Describe and use state-of-the-art tools developed for linguistic research.

Title
Evaluate and Discuss Research

Tags
198338, 2

Learning Outcome
Evaluate and discuss research literature relating to linguistic tools and methods.

Title
Apply Current Resources and Methods

Tags
198339, 3

Learning Outcome
Apply current resources and methods in a programming, experiment, or annotation project.

Title
Present and Report Linguistic Research

Tags
198340, 4

Learning Outcome
Present and report linguistic research results using appropriate discipline-specific strategies.

LING 445 - Introduction to Psycholinguistics

Course Information

Teaching Area (new)
LING

Course Number
445

Teaching Area
LING

Course Title
Introduction to Psycholinguistics

Course Description
How the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.

Department
Linguistics

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 240 - Linguistic Tools 1

OR

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern) **AND** ELING 273 - Introduction to English Linguistic Research Methods

Learning Outcomes

Title
Discuss Basic Psycholinguistics

Tags
198359, 1

Learning Outcome
Discuss basic terminology, theories, and issues of psycholinguistics.

Title
Know Area-Specific Findings

Tags
198360, 2

Learning Outcome
Know the basic findings in each area of psycholinguistics (including comprehension, production, acquisition, and language disorders).

Title
Respond to Research

Tags
198361, 3

Learning Outcome
Read and critically respond to psycholinguistic research and articles.

LING 449R - Mentored Research in Linguistics

Course Information

Course Number
449R

Teaching Area
LING

Course Title
Mentored Research in Linguistics

Course Description
Under the direction of a faculty mentor, students conduct primary research, collaborate on research teams, and participate in research group meetings.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Permission of Instructor

Learning Outcomes

Title
Knowledge of Literature

Learning Outcome
Students will understand linguistic concepts and theories through assigned and self-selected readings and the development of a literature synthesis.

Title
Collaboration

Learning Outcome
Students will collaborate effectively with peers and faculty in a research group setting and in weekly research group meetings.

Title
Gain Research Skills

Learning Outcome
Students will demonstrate essential research skills such as data collection, analysis, and interpretation using professional research methodologies and/or equipment.

Title
Communication of Research

Learning Outcome
Students will contribute to the advancement of knowledge in the field of linguistics through local presentations, a major research product, and/or professional presentations and publications.

LING 450 - Introduction to Historical-Comparative Linguistics

Course Information

Teaching Area (new)
LING

Course Number
450

Teaching Area
LING

Course Title
Introduction to Historical-Comparative Linguistics

Course Description
Theory and method of language change via comparison of daughter languages and reconstruction of their ancestral language: phonological, morphological, semantic, and lexical.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 210 - Sounds of Language
  AND LING 220 - Structure in Language

Learning Outcomes

Title
Explanation of Changes

Tags
198111, 2

Learning Outcome
Students will be able to explain how and why linguistic changes occur in phonology, morphology, syntax, semantics, and the lexicon.

Title
Comparitive method and Internal Reconstruction

Tags
198112, 1

Learning Outcome
Students will be able to apply the comparative method and internal reconstruction in order to hypothesize earlier states of a language and to examine the relatedness of different languages.

Title
Factors that affect Linguistic Change

Tags
198274, 3

Learning Outcome
Students will be able to explain how linguistic change is affected by language contact and psychological, physical, social, and cultural factors.

Title
Using Corpora, Texts, and Lexicons

Tags
198292, 4

Learning Outcome
Students will be able to use corpora, texts, and lexicons in order to obtain data on, and answer questions about, language change.

LING 452 - Introduction to Sociolinguistics

Course Information

Teaching Area (new)
LING

Course Number
452

Teaching Area
LING

Course Title
Introduction to Sociolinguistics

Course Description
How language functions in culture and society; focus on the development, typology, and description of the relationship between language and society.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- LING 240 - Linguistic Tools 1
  OR ELING 273 - Introduction to English Linguistic Research Methods

Learning Outcomes

Title
Understand Relationship between Language Use and Society

Tags
198356, 1

Learning Outcome
Understand the relationship between language use and society with respect to regional, social, ethnic and contextual variation.

Title
Conduct Sociolinguistic Research

Tags
198357, 2

Learning Outcome
Conduct research into a wide range of sociolinguistic variation.

Title
Impart Sociolinguistic Knowledge

Tags
198358, 3

Learning Outcome
Impart knowledge of sociolinguistics and related research in presentations and papers.

LING 460 - Typology

Course Information

Teaching Area (new)
LING

Course Number
460

Teaching Area
LING

Course Title
Typology

Course Description
Introduction to the study of language universals and linguistic typology.

Department
Linguistics

When Taught
Fall Contact Dept.; Winter Contact Dept.; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Ling 220.

Learning Outcomes

Title
Identify Universals

Tags
198341, 1

Learning Outcome
Identify different kinds of universals (formal, substantive, implicational, syntactic, lexical, morphological).

Title
Apply Typological Concepts

Tags
198342, 2

Learning Outcome
Apply typological concepts to specific languages.

Title
Understand Arguments

Tags
198343, 3

Learning Outcome
Understand arguments for and against language universals.

LING 461 - First Language Acquisition

Course Information

Course Number
461

Teaching Area
LING

Course Title
First Language Acquisition

Course Description
First language acquisition examines how children learn their first language and also how children learn multiple languages at the same time. The course examines the theories, issues, and major findings in the field of first language acquisition. It addresses how language development is influenced by what language the child is learning.

Department
Linguistics

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Main Theories

Tags
213963, 0, 1, 2023-08-29 10:38:13

Learning Outcome
Students will be able to discuss the main theories related to First Language Acquisition

Title
Basic processes and stages

Tags
213964, 0, 2, 2023-08-29 10:38:14

Learning Outcome
Understand the basic processes and stages of First Language Acquisition

Title
Stages of language development

Tags
213965, 0, 3, 2023-08-29 10:38:16

Learning Outcome
Analyze the language use and development of children at various stages of language development

Title
Articulate and discuss research

Tags
213966, 0, 4, 2023-08-29 10:38:18

Learning Outcome
Articulate and discuss research in First Language Acquisition that will cumulate in a formal research paper.

LING 462 - Second Language Acquisition

Course Information

Course Number
462

Teaching Area
LING

Course Title
Second Language Acquisition

Course Description
Second Language acquisition examines how a second language is learned. The course examines the typical development of a second language in terms of phonological, lexical, semantic, pragmatic and syntactic development. The course will also examine factors that influence second language acquisition such as the person's age at the time of acquisition, motivation, language aptitude and teaching methods.

The objective of this course is to help students learn the theories, issues, and major findings in the field of second language acquisition.

Department
Linguistics

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Theories and practices

Tags
213967, 0, 1, 2023-08-29 10:38:19

Learning Outcome
Discuss main theories and practices related to Second Language Acquisition

Title
Basic processes and stages

Tags
213968, 0, 2, 2023-08-29 10:38:21

Learning Outcome
Understand the basic processes and stages of Second Language Acquisition

Title
Stages of language devlopment

Tags
213969, 0, 3, 2023-08-29 10:38:22

Learning Outcome
Analyze the language use and development of learners at various stages of language development

Title
Articulate and discuss research

Tags
213970, 0, 4, 2023-08-29 10:38:24

Learning Outcome
Articulate and discuss research in Second Language Acquisition that will cumulate in a formal research paper.

LING 478 - Language Teaching Methods: MTC

Course Information

Teaching Area (new)
LING

Course Number
478

Teaching Area
LING

Course Title
Language Teaching Methods: MTC

Course Description
Instructional methods and strategies for teaching second and foreign languages at the Missionary Training Center (MTC).

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Connect methodological theory and practice

Tags
198085, 0

Learning Outcome
Students who are teaching language classes at the Missionary Training Center will connect methodological theory learned in this class with real-world practice.

LING 480 - Problems in Translation

Course Information

Teaching Area (new)
LING

Course Number
480

Teaching Area
LING

Course Title
Problems in Translation

Course Description
History, theory, and practice of human and machine translation.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ling 230 and proficiency in a second language.

Learning Outcomes

Title
Bi-text Corpora

Tags
198089, 1

Learning Outcome
Create a bi-text corpus and derive translation memory and terminology from that bi-text corpus.

Title
Translation Project

Tags
198115, 3

Learning Outcome
Use machine translation, translation memory, and terminology in conjunction with a translation environment tool to complete a translation project according to the project’s specifications.

Title
Specifications for Translation Projects

Tags
198208, 1

Learning Outcome
Define a set of specifications for a translation project based on text type, audience, and purpose.

Title
The Future of Translation Technology

Tags
198212, 0

Learning Outcome
Discuss the possible future of translation technology, including future applications of existing technology and future development of new technologies, drawing on class assignments and a personal project.

LING 485 - Corpus Linguistics

Course Information

Teaching Area (new)
LING

Course Number
485

Teaching Area
LING

Course Title
Corpus Linguistics

Course Description
Using large collections of texts for research and teaching; focusing on variation (by dialect, genre, time, author, etc.) in language.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

OR

Prerequisites

Complete ALL of the following Courses:

- LING 240 - Linguistic Tools 1

Learning Outcomes

Title
Corpus design methods

Tags
198149, 0, 0

Learning Outcome
Students will evaluate, design, and collect corpora based on principles of statistical sampling for their areas of interest

Title
Analysis

Tags
198254, 0, 1

Learning Outcome
Students will use quantitative (e.g., frequency, collocation, keyword) and qualitative techniques (e.g., concordance analysis) to analyze patterns in language across text types and across time using flexible queries

Title
Applications within linguistics

Tags
198311, 0, 1

Learning Outcome
Students will apply corpus methods to address problems across many sub-disciplines of linguistics.

Title
Applied linguistics

Tags
198224, 0, 2

Learning Outcome
Students will apply corpus methods to address real world problems, such as in language teaching, language learning, language assessment, editing, law, computational linguistics, lexicography, and even in gospel study.

LING 495R - Senior Capstone

Course Information

Teaching Area (new)
LING

Course Number
495R

Teaching Area
LING

Course Title
Senior Capstone

Course Description
Integrative, culminating experience for linguistics majors; topics vary.

Department
Linguistics

When Taught
Fall; Winter; Spring; Summer Contact Department.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:

- LING 240 - Linguistic Tools 1
  OR ELING 273 - Introduction to English Linguistic Research Methods
  OR LING 198 - Career Explorations in Linguistics

Other Prerequisites
Ling 198, Ling 210, Ling 220 & Ling 230.

Learning Outcomes

Title
Demonstrate Integration of Knowledge and Communicate Results

Tags
198344, 4

Learning Outcome
Students will demonstrate that they can integrate their knowledge of core and applied areas of linguistics to produce a linguistic artifact (grammar, lexicon, corpus, experiment, survey, etc), and communicate the results in writing or speaking.

LING 498 - Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.

Course Information

Teaching Area (new)
LING

Course Number
498

Teaching Area
LING

Course Title
Career Preparation for Linguistics, Applied English Linguistics, and Editing & Publishing Majors.

Course Description
Finding and interpreting job advertisements related to linguistics. Explaining skills of linguistics major to employers. Students should take near the end of their major.

Department
Linguistics

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- LING 198 - Career Explorations in Linguistics
  OR LING 201 - Introduction to Linguistics (Modern)
  OR ELING 223 - Introduction to the English Language

Recommended
One of the following: Ling 310, 315, 320, 325, 332, 335, 362

Learning Outcomes

Title
Interpreting Job advertisements

Tags
213971, 0, 1, 2023-08-29 10:38:33

Learning Outcome
Student will be able to find and interpret job advertisements as they relate to their linguistics or editing degree.

Title
Present linguistics skills to employers

Tags
213972, 0, 2, 2023-08-29 10:38:35

Learning Outcome
Students will be able to explain how linguistic skills relate to a job and contribute to a company.

Title
General job-hunting preparation

Tags
213973, 0, 3, 2023-08-29 10:38:38

Learning Outcome
Understanding and preparation for job interviews, resume creation, and career fairs

LING 501 - Advanced Research and Writing Techniques for Second Language Writers

Course Information

Teaching Area (new)
LING

Course Number
501

Teaching Area
LING

Course Title
Advanced Research and Writing Techniques for Second Language Writers

Course Description
Non-native English speaking students will develop research and writing techniques necessary for graduate-level writing.

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For graduate international ESL students.

Learning Outcomes

Title
Organize ideas in English writing

Tags
198150, 0

Learning Outcome
Non-native English-speaking students will gain or increase their ability to organize their ideas into a well-constructed written response in English.

Title
Identify audience, purpose, and strategies in English writin

Tags
198245, 1

Learning Outcome
Identify the audience, purpose, and strategies for a given writing assignment in English and write accordingly.

Title
Structures and vocabulary

Tags
198310, 2

Learning Outcome
Express ideas using well-formed structures and vocabulary acceptable in English academic writing.

LING 542 - Field Methods in Linguistics

Course Information

Teaching Area (new)
LING

Course Number
542

Teaching Area
LING

Course Title
Field Methods in Linguistics

Course Description
Documenting an unfamiliar language by interacting with a native speaker.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LING 201 - Introduction to Linguistics (Modern)
  AND LING 210 - Sounds of Language
  AND LING 220 - Structure in Language

Learning Outcomes

Title
Linguistic Data

Tags
198420, 1

Learning Outcome
In this course you will learn to:

elicit,
organize,
analyze, and
describe

linguistic data from a native speaker of a language unfamiliar to you.

LING 545 - Psycholinguistics

Course Information

Teaching Area (new)
LING

Course Number
545

Teaching Area
LING

Course Title
Psycholinguistics

Course Description
Research and theory behind how the mind interprets, stores, retrieves, and produces language. Anatomical structures and physiological processes of the brain dealing with language.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Read/Respond to Research Articles

Tags
198159, 2

Learning Outcome
Read and critically respond to psycholinguistic research and articles.

Title
Psycholinguistics Basics

Tags
198188, 1

Learning Outcome
Discuss basic terminology, theories, and issues of psycholinguistics.

Title
Findings in Each Area

Tags
198248, 1

Learning Outcome
Know the basic findings in each area of psycholinguistics (including comprehension, production, acquisition, and language disorders).

Title
Experimental Research

Tags
198266, 3

Learning Outcome
Create and participate in psycholinguistic experimental research.

LING 550 - Sociolinguistics.

Course Information

Teaching Area (new)
LING

Course Number
550

Teaching Area
LING

Course Title
Sociolinguistics.

Course Description
Research and theory of how language functions in culture and society; focus on development, typology, and description of the relationship between language and society.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

Learning Outcomes

Title
Knowledge

Tags
198076, 1

Learning Outcome
Understand the relationship between language use and society with respect to regional, social, ethnic and contextual variation.

Title
Research

Tags
198141, 1

Learning Outcome
Conduct research into a wide range of sociolingusitic variation

Title
Profess

Tags
198238, 2

Learning Outcome
Impart knowledge of sociolinguistics and related research in presentations and papers

LING 551 - Anthropological Linguistics

Course Information

Teaching Area (new)
LING

Course Number
551

Teaching Area
LING

Course Title
Anthropological Linguistics

Course Description
Language in culture and society: development, typology, and description.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ling 220 and Ling 230; or equivalent.

Learning Outcomes

Title
Contextualize Varieties of Language

Tags
198086, 2

Learning Outcome
Through readings, weekly exercises and discussions they will acquire the metalinguistic concepts necessary for contextualizing varieties of language.

Title
Transcription Sessions

Tags
198126, 3

Learning Outcome
In class transcription sessions will address the representation of linguistic data, and how that representation may affect one's assessments of semantic intent.

Title
Analysis of Linguistic Data in Social Contexts

Tags
198178, 1

Learning Outcome
Upon completion of this course students will be equipped with the conceptual tools to think about and analyze linguistic data in social contexts of use.

Title
Familiarity with Foundational Texts

Tags
198308, 1

Learning Outcome
Student will become conversant with foundational texts which inform our cultural understanding and use of language.

LING 558 - Historical-Comparative Linguistics

Course Information

Teaching Area (new)
LING

Course Number
558

Teaching Area
LING

Course Title
Historical-Comparative Linguistics

Course Description
Learning theory and method of language change via comparing daughter languages and reconstructing ancestral languages. Language universals and typology.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ling 450 or equivalent

Learning Outcomes

Title
Application of Typological Concepts

Tags
198155, 1

Learning Outcome
Students will learn how to apply typological concepts to specific languages during in-class and out of class exercises.

Title
Influential Linguistics Typology Concepts

Tags
198160, 1

Learning Outcome
Students will have achieved an understanding of the most influential concepts of Linguistics typology, including the different kinds of universals (formal, substantive, implicational, syntactic, lexical, morphological).

Title
Arguments Against Language Universals

Tags
198297, 2

Learning Outcome
Students will become conversant with the arguments against language universals.

LING561 - Neurolinguistics

Course Information

Course Number
561

Teaching Area
LING

Course Title
Neurolinguistics

Course Description
Overview of topics in neurolinguistics, such as what areas of the brain are involved in language acquisition and processing, how we store and access words, how we build sentences and form dependencies, how we process discourse, how emotion is involved in language, how we learn and process a second language, neural mechanisms involved in social interaction and language use, and methods used in neurolinguistic research.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Other Prerequisites
Any intro linguistics, psychology, or neuroscience course

Learning Outcomes

Title
Neurolinguistic knowledge

Tags
213974, 0, 1, 2023-08-29 10:40:05

Learning Outcome
Demonstrate understanding of basic principles of brain biology/physiology and of key theories of language processing and the brain

Title
Neurolinguistic methods

Tags
213975, 0, 2, 2023-08-29 10:40:07

Learning Outcome
Demonstrate understanding of how different brain imaging techniques work (EEG, fNIRS, MEG, fMRI) and what they can tell us about language acquisition and processing, and be able to collect and/or analyze one type of data

Title
Research evaluation

Tags
213976, 0, 3, 2023-08-29 10:40:09

Learning Outcome
Be able to critically read and evaluate primary literature and to synthesize studies in neurolinguistics.

Title
Research design and presentation

Tags
213977, 0, 4, 2023-08-29 10:40:11

Learning Outcome
Be able to design research to test theories of language processing/ acquisition and the brain. Be able to effectively present research in writing and speaking.

LING 580R - Problems in Linguistics and Applied Linguistics

Course Information

Teaching Area (new)
LING

Course Number
580R

Teaching Area
LING

Course Title
Problems in Linguistics and Applied Linguistics

Course Description
Advanced research in language acquisition, sociolinguistics, psycholinguistics, linguistics field study, applied linguistics.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Overview

Tags
198314, 1

Learning Outcome
Each section of Ling 580R could have different learning outcomes from other sections and other semesters. Therefore, each instance of Ling 580R must be evaluated separately.

LING 581 - Natural Language Processing

Course Information

Teaching Area (new)
LING

Course Number
581

Teaching Area
LING

Course Title
Natural Language Processing

Course Description
Intensive overview of natural language processing, including computational techniques, hands-on experience with linguistic technologies and corpora, language modeling approaches, and readings from current research.

Department
Linguistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:
- C S 110 - How to Program
- C S 111 - Introduction to Computer Science
- DIGHT 210 - Programming in the Humanities 1

Learning Outcomes

Title
NLP Tools

Tags
198172, 1

Learning Outcome
Students will be able to demonstrate by hands-on experience how to use NLP tools in the performance of linguistically interesting tasks.

Title
NLP-related Computation

Tags
198187, 2

Learning Outcome
Students will be able to demonstrate application of a novel, nonontrivial programming approach to solving some aspect of NLP-related computation.

Title
Computational Techniques

Tags
198252, 3

Learning Outcome
Students will be able to recognize and describe how computational techniques are used successfully in various areas of natural language processing.

Title
Current Research Literature and Trends

Tags
198282, 4

Learning Outcome
Students will read, understand, discuss, and assess current research literature and trends in the relevant areas.

LING 585 - Research in Corpus Linguistics

Course Information

Teaching Area (new)
LING

Course Number
585

Teaching Area
LING

Course Title
Research in Corpus Linguistics

Course Description
Design and use of corpora for research with a focus on variation in language (by register, dialect, time, author, etc.).

Department
Linguistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Corpus design methods

Tags
212474, 0, 1

Learning Outcome
Students will evaluate, design, and collect corpora based on principles of statistical sampling for their areas of interest

Title
Analysis

Tags
212475, 0, 2

Learning Outcome
Students will use quantitative (e.g., frequency, collocation, keyword) and qualitative techniques (e.g., concordance analysis) to analyze patterns in language across text types and across time using flexible queries

Title
Academic engagement

Tags
212476, 0, 3

Learning Outcome
Students will become familiar with primary literature in the field of corpus linguistics and engage with the strengths and weaknesses of the field

Title
Communication

Tags
212477, 0, 4

Learning Outcome
Students will communicate about corpus linguistics (e.g., by leading discussions and producing professional presentations, reports, and academic research articles)

Title
Applications within linguistics

Tags
212478, 0, 5

Learning Outcome
Students will apply corpus methods to address problems across sub-disciplines of linguistics

Title
Applied linguistics

Tags
212479, 0, 6

Learning Outcome
Students will apply corpus methods to address real world problems, such as in language teaching, language learning, language assessment, editing, law, computational linguistics, lexicography, and even in gospel study

LING589R - Corpus Linguistics Topics

Course Information

Course Number
589R

Teaching Area
LING

Course Title
Corpus Linguistics Topics

Course Description
Studies in specialized topics within corpus linguistics.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Language Structure

Tags
213978, 0, 1, 2023-08-29 10:40:13

Learning Outcome
Demonstrate knowledge of linguistic structures or artifacts highlighted within the chosen topic. Effectively communicate in speech or writing the insights and findings coming from the study of the topic.

LING 590R - Readings in Linguistics

Course Information

Teaching Area (new)
LING

Course Number
590R

Teaching Area
LING

Course Title
Readings in Linguistics

Course Description
Individual study of current linguistic literature. Occasional discussion sessions with instructor and other class members.

Department
Linguistics

When Taught
Fall Contact Dept.; Winter Contact Dept.; Spring; Summer.

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Note
Pass/fail grade only.

Learning Outcomes

Title
Study assigned readings

Tags
198201, 0

Learning Outcome
Individual advanced students will study and report on assigned readings under the direction of a professor

Title
Complete individual projects

Tags
198216, 1

Learning Outcome
Advanced students will study and complete individual projects under the direction of a professor

LING 599R - Academic Internship: Linguistics

Course Information

Teaching Area (new)
LING

Course Number
599R

Teaching Area
LING

Course Title
Academic Internship: Linguistics

Course Description
On-the-job experience under faculty supervision, with department approval.

Department
Linguistics

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
9

Lab Hours

Fixed:
0

Learning Outcomes

Title
Apply academic coursework to the world

Tags
198322, 0

Learning Outcome
Students will learn to apply concepts learned in their academic classes to everyday, practical, linguistic situations outside the university.

Title
Enhance classroom concepts through work experience

Tags
198323, 1

Learning Outcome
Interns' real-world work experiences will enhance and enrich their understanding of academic concepts they learned in university classes.

LINGC 220 - Linguistic Computing Programming 1

Course Information

Teaching Area (new)
LINGC

Course Number
220

Teaching Area
LINGC

Course Title
Linguistic Computing Programming 1

Course Description
Computer programming for language applications: data types, character representation, flow of control, file input/output, string manipulation.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
LingC 200 or C S 100 or equivalent experience

Learning Outcomes

Title
Manipulating Digital Information

Tags
198134, 1

Learning Outcome
Be able to manipulate digital information using algorithms written in a programming language. This includes an ability to understand and write assignment statements, loops, conditionals, and functions.

Title
Creating Simple Graphical User Interfaces

Tags
198173, 3

Learning Outcome
Be able to create a simple graphical user interface for a software application.

Title
Computing Algorithms

Tags
198334, 1

Learning Outcome
Understand what a computing algorithm is, as opposed to instructions intended for a human who has agency.

LINGC 489R - Linguistic Computing Project

Course Information

Teaching Area (new)
LINGC

Course Number
489R

Teaching Area
LINGC

Course Title
Linguistic Computing Project

Course Description
Applying principles from other courses to a substantial research or development project. Students work individually with faculty and technical advisors.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Any 300-level linguistic computing course

Learning Outcomes

Title
Language-related Software Application

Tags
198289, 1

Learning Outcome
Design and implement a language-related software application that satisfies the requirements of a faculty or staff member, drawing on the expertise of a faculty or staff technical advisor.

LINGC 490R - Current Topics and Issues

Course Information

Teaching Area (new)
LINGC

Course Number
490R

Teaching Area
LINGC

Course Title
Current Topics and Issues

Course Description
Individual or group study of current issues and developments in linguistic computing. Extended readings; research or project required.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Knowledge

Tags
198371, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

LINGC 496R - Academic Internship: Linguistic Computing

Course Information

Teaching Area (new)
LINGC

Course Number
496R

Teaching Area
LINGC

Course Title
Academic Internship: Linguistic Computing

Course Description
On-the-job experience in publishing production (print or electronic), courseware/ software development, museum/collection/textbase management, language/ linguistics research, or other application of linguistic computing.

Department
Linguistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
LingC 300-level course or equivalent experience

Learning Outcomes

Title
Language-related Software Activites

Tags
198299, 1

Learning Outcome
Participate in the language-related software activities of an off-campus organization, satisfying the requirements of the internship supervisor and the BYU faculty member in charge of the internship course.

LITHU 100 - Language Study: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
100

Teaching Area
LITHU

Course Title
Language Study: Lithuanian

Course Description
Survival-level conversation, reading, listening, and culture skills in Lithuanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197444, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197446, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197448, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

LITHU 101 - First-Year Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
101

Teaching Area
LITHU

Course Title
First-Year Lithuanian

Course Description
Beginning speaking, listening, reading, and writing skills in Lithuanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Foreign residency experience

Note
Credit by examination only.

Learning Outcomes

Title
Comprehension

Tags
193257, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193266, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193273, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193283, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LITHU 102 - First-Year Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
102

Teaching Area
LITHU

Course Title
First-Year Lithuanian

Course Description
Second-semester speaking, listening, reading, and writing skills in Lithuanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LITHU 101 - First-Year Lithuanian

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193291, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193300, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193308, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193317, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

LITHU 201 - Second-Year Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
201

Teaching Area
LITHU

Course Title
Second-Year Lithuanian

Course Description
Intermediate speaking, listening, reading, and writing skills in Lithuanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LITHU 102 - First-Year Lithuanian

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193325, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193334, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193343, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193352, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

LITHU 202 - Second-Year Language Study: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
202

Teaching Area
LITHU

Course Title
Second-Year Language Study: Lithuanian

Course Description
Continued emphasis on Lithuanian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LITHU 201 - Second-Year Lithuanian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197501, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197502, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197503, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197504, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

LITHU 211R - Second-Year Conversation

Course Information

Teaching Area (new)
LITHU

Course Number
211R

Teaching Area
LITHU

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Lithuanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LITHU 201 - Second-Year Lithuanian

Other Prerequisites
Foreign residence experience

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversation

Tags
193362, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193371, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194894, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

LITHU 305 - Language Skills Development: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
305

Teaching Area
LITHU

Course Title
Language Skills Development: Lithuanian

Course Description
Increasing proficiency in one or more of the following Lithuanian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197570, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197571, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197572, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

LITHU 321 - Advanced Grammar: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
321

Teaching Area
LITHU

Course Title
Advanced Grammar: Lithuanian

Course Description
Advance your Lithuanian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197588, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197589, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197596, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

LITHU 330 - Cultural History of Lithuania.

Course Information

Teaching Area (new)
LITHU

Course Number
330

Teaching Area
LITHU

Course Title
Cultural History of Lithuania.

Course Description
Study of Lithuanian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Lithu 201 or foreign residence experience

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Comprehension

Tags
193119, 1

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
193197, 2

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
Communication Skills

Tags
193216, 0

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
General Education

Tags
194902, 3

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements.

LITHU 340 - Introduction to Literature: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
340

Teaching Area
LITHU

Course Title
Introduction to Literature: Lithuanian

Course Description
Explore Lithuanian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

LITHU 350 - Advanced Language Study for Career Purposes: Lithuanian

Course Information

Teaching Area (new)
LITHU

Course Number
350

Teaching Area
LITHU

Course Title
Advanced Language Study for Career Purposes: Lithuanian

Course Description
Concentration on Lithuanian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- LITHU 330 - Cultural History of Lithuania.

M COM 320 - Management Communication

Course Information

Teaching Area (new)
M COM

Course Number
320

Teaching Area
M COM

Course Title
Management Communication

Course Description
Developing written and oral communications for professional organizations, including composing and designing employment communications. Incorporates oral presentations.

Department
Public Service and Ethics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
GE First-Year Writing requirement. Recommended to be taken before senior year. Not for freshmen.

Note
Fulfills GE Advanced Written and Oral Communication requirement.

M COM 420 - Marriott Student Review

Course Information

Course Number
420R

Teaching Area
M COM

Course Title
Marriott Student Review

Course Description
Develop advanced communication skills by engaging in real-world projects. Collaborate to publish a student, peer-reviewed business journal in both print and digital formats, as well as create business podcasts in English and Spanish.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- M COM 320 - Management Communication

Learning Outcomes

Learning Outcome
Critically assess, edit, and revise original, well-researched business articles in order to ensure clarity, precision, and professionalism before publishing articles in the Marriott Student Review student journal or the Marriott Saturday Reads weekly business blog.

Learning Outcome
Demonstrate competency in scriptwriting, interviewing, recording, editing, and utilizing professional podcasting platforms and technologies by producing high-quality, business podcasts in both English and Spanish.

Learning Outcome
Plan and execute complex projects, allocating resources judiciously, meeting deadlines and milestones in a team environment, and providing and receiving feedback professionally and respectfully.

Learning Outcome
Engage in reflective practice, evaluating personal growth and skill development by developing a personal action plan for continued improvement in business communication.

Learning Outcome
Recognize and uphold ethical standards in all stages of the publishing process and podcast production and develop ways to incorporate the Marriott School Mission and Values into both business publications and podcasts.

M GRK 100 - Language Study: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
100

Teaching Area
M GRK

Course Title
Language Study: Modern Greek

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197506, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197507, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197508, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

M GRK 101 - First-Year Language Study: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
101

Teaching Area
M GRK

Course Title
First-Year Language Study: Modern Greek

Course Description
Beginning speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197509, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197510, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197511, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197512, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

M GRK 102 - First-Year Language Study: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
102

Teaching Area
M GRK

Course Title
First-Year Language Study: Modern Greek

Course Description
Second-semester speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- M GRK 101 - First-Year Language Study: Modern Greek

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197513, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197514, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197515, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197516, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

M GRK 201 - Second-Year Language Study: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
201

Teaching Area
M GRK

Course Title
Second-Year Language Study: Modern Greek

Course Description
Intermediate speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- M GRK 102 - First-Year Language Study: Modern Greek

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197517, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197518, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197519, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197520, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

M GRK 202 - Second-Year Language Study: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
202

Teaching Area
M GRK

Course Title
Second-Year Language Study: Modern Greek

Course Description
Continued emphasis on communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- M GRK 201 - Second-Year Language Study: Modern Greek

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197521, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197522, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197523, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197524, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

M GRK 305 - Language Skills Development: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
305

Teaching Area
M GRK

Course Title
Language Skills Development: Modern Greek

Course Description
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197525, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197526, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197527, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

M GRK 321 - Advanced Grammar: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
321

Teaching Area
M GRK

Course Title
Advanced Grammar: Modern Greek

Course Description
Advance your Modern Greek through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197528, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197529, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197530, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
330

Teaching Area
M GRK

Course Title
Advanced Language Proficiency Through Cultural Studies: Modern Greek

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
M Grk 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197531, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197532, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197533, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197534, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

M GRK 340 - Introduction to Literature: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
340

Teaching Area
M GRK

Course Title
Introduction to Literature: Modern Greek

Course Description
Explore Modern Greek culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197535, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197536, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197537, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197538, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

M GRK 350 - Advanced Language Study for Career Purposes: Modern Greek

Course Information

Teaching Area (new)
M GRK

Course Number
350

Teaching Area
M GRK

Course Title
Advanced Language Study for Career Purposes: Modern Greek

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- M GRK 330 - Advanced Language Proficiency Through Cultural Studies: Modern Greek

Learning Outcomes

Title
Defined Career Purposes

Tags
197539, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197540, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197541, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197542, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197543, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MACED 100 - Language Study: Macedonian

Course Information

Course Number
100

Teaching Area
MACED

Course Title
Language Study: Macedonian

Course Description
Survival-level conversation, reading, listening, and culture skills in Macedonian

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Learning Outcome
Speak Macedonian well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Learning Outcome
Function appropriately in familiar, routine social situations in the Macedonian culture.

Title
Follow Instructions

Learning Outcome
Understand spoken and written Macedonian well enough to follow simple instructions.

MACED 101 - First-Year Language Study: Macedonian

Course Information

Course Number
101

Teaching Area
MACED

Course Title
First-Year Language Study: Macedonian

Course Description
First-semester speaking, listening, reading, and writing skills in Macedonian

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken Macedonian relating to familiar topics.

Title
Speaking

Learning Outcome
Speak Macedonian well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in Macedonian consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in the Macedonian culture.

MACED 102 - First-Year Language Study: Macedonian

Course Information

Course Number
102

Teaching Area
MACED

Course Title
First-Year Language Study: Macedonian

Course Description
Second-semester speaking, listening, reading, and writing skills in Macedonian

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- MACED 101 - First-Year Language Study: Macedonian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken Macedonian relating to familiar topics.

Title
Speaking

Learning Outcome
Speak Macedonian well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in Macedonian consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in the Macedonian culture.

MACED 201 - Second-Year Language Study: Macedonian

Course Information

Course Number
201

Teaching Area
MACED

Course Title
Second-Year Language Study: Macedonian

Course Description
Intermediate speaking, listening, reading, and writing skills in Macedonian

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- MACED 102 - First-Year Language Study: Macedonian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past, and future time.

Title
Vocabulary

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Learning Outcome
Demonstrate understanding of basic language structures.

Title
Culture

Learning Outcome
Discuss common products and practices related to every-day life in the Macedonian culture.

MACED 202 - Second-Year Language Study: Macedonian

Course Information

Course Number
202

Teaching Area
MACED

Course Title
Second-Year Language Study: Macedonian

Course Description
Continued emphasis on Macedonian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- MACED 201 - Second-Year Language Study: Macedonian

Learning Outcomes

Title
Communication Skills

Learning Outcome
Communicate in both the written and spoken Macedonian with reasonable accuracy about real-world activities with well-educated members of the target culture who are accustomed to dealing with non-native speakers.

Title
Comprehension

Learning Outcome
Demonstrate understanding of everyday written and verbal instructions. Demonstrate comprehension of concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Learning Outcome
Discuss in Macedonian cultural practices related to everyday life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
Languages of Learning

Learning Outcome
Complete language and culture aspects of the General Education "Languages of Learning" requirement.

MACED 305 - Language Skills Development: Macedonian

Course Information

Course Number
305

Teaching Area
MACED

Course Title
Language Skills Development: Macedonian

Course Description
Increasing proficiency in one or more of the following Macedonian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Defined Special Purpose

Learning Outcome
Develop Macedonian and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MACED 321 - Advanced Grammar: Macedonian

Course Information

Course Number
321

Teaching Area
MACED

Course Title
Advanced Grammar: Macedonian

Course Description
Advance your Macedonian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Learning Outcome
Analyze Macedonian morphology and syntax.

Title
Apply

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Learning Outcome
Function as independent learners of Macedonian by using proper terms and appropriate resources for language analysis.

MACED 330 - Advanced Language Proficiency Through Cultural Studies: Macedonian

Course Information

Course Number
330

Teaching Area
MACED

Course Title
Advanced Language Proficiency Through Cultural Studies: Macedonian

Course Description
Study of Macedonian culture using interpersonal, presentational, and interpretive skills in Macedonian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Learning Outcome
In both written and spoken Macedonian, communicate accurately with well-educated members of the Macedonian culture about real-world activities.

Title
Comprehension

Learning Outcome
Demonstrate understanding of detailed written and verbal instructions. Demonstrate comprehension of historical passages, newspaper and magazine articles, and broadcast news reports that well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Learning Outcome
Acquire background knowledge of important achievements related to the Macedonian culture (historical figures and events, major literary and artistic movements, government, and religious institutions, etc.). Discuss in Macedonian cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements

MACED 340 - Introduction to Literature: Macedonian

Course Information

Course Number
340

Teaching Area
MACED

Course Title
Introduction to Literature: Macedonian

Course Description
Explore Macedonian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Learning Outcome
Recognize and analyze the most important genres Macedonian literature.

Title
Key Characteristics

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in Macedonian culture.

Title
Context

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Learning Outcome
Improve Macedonian reading, writing, and speaking skills.

MACED 350 - Advanced Language Study for Career Purposes: Macedonian

Course Information

Course Number
350

Teaching Area
MACED

Course Title
Advanced Language Study for Career Purposes: Macedonian

Course Description
Concentration on Macedonian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Defined Career Purposes

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MALAG 100 - Language Study: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
100

Teaching Area
MALAG

Course Title
Language Study: Malagasy

Course Description
Survival-level conversation, reading, listening, and culture skills in Malagasy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197544, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197545, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197546, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MALAG 101 - First-Year Language Study: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
101

Teaching Area
MALAG

Course Title
First-Year Language Study: Malagasy

Course Description
Beginning speaking, listening, reading, and writing skills in Malagasy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197547, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197550, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197552, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197553, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MALAG 102 - First-Year Language Study: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
102

Teaching Area
MALAG

Course Title
First-Year Language Study: Malagasy

Course Description
Second-semester speaking, listening, reading, and writing skills in Malagasy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAG 101 - First-Year Language Study: Malagasy

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197555, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197556, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197558, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197560, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MALAG 201 - Second-Year Language Study: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
201

Teaching Area
MALAG

Course Title
Second-Year Language Study: Malagasy

Course Description
Intermediate speaking, listening, reading, and writing skills in Malagasy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAG 102 - First-Year Language Study: Malagasy

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197562, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197563, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197564, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197565, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MALAG 202 - Second-Year Language Study: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
202

Teaching Area
MALAG

Course Title
Second-Year Language Study: Malagasy

Course Description
Continued emphasis on Malagasy communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAG 201 - Second-Year Language Study: Malagasy

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197573, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197574, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197576, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197578, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MALAG 305 - Language Skills Development: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
305

Teaching Area
MALAG

Course Title
Language Skills Development: Malagasy

Course Description
Increasing proficiency in one or more of the following Malagasy language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197582, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197584, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197587, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MALAG 321 - Advanced Grammar: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
321

Teaching Area
MALAG

Course Title
Advanced Grammar: Malagasy

Course Description
Advance your Malagasy through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197590, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197592, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197595, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
330

Teaching Area
MALAG

Course Title
Advanced Language Proficiency Through Cultural Studies: Malagasy

Course Description
Study of Malagasy culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Malag 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197619, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197621, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197622, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197623, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MALAG 340 - Introduction to Literature: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
340

Teaching Area
MALAG

Course Title
Introduction to Literature: Malagasy

Course Description
Explore Malagasy culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197624, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197625, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197626, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197627, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MALAG 350 - Advanced Language Study for Career Purposes: Malagasy

Course Information

Teaching Area (new)
MALAG

Course Number
350

Teaching Area
MALAG

Course Title
Advanced Language Study for Career Purposes: Malagasy

Course Description
Concentration on Malagasy language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAG 330 - Advanced Language Proficiency Through Cultural Studies: Malagasy

Learning Outcomes

Title
Defined Career Purposes

Tags
197628, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197629, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197630, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197631, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

MALAY 100 - Language Study: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
100

Teaching Area
MALAY

Course Title
Language Study: Malay

Course Description
Survival-level conversation, reading, listening, and culture skills in Malay.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197632, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197633, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197634, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MALAY 101 - First-Year Language Study: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
101

Teaching Area
MALAY

Course Title
First-Year Language Study: Malay

Course Description
Beginning speaking, listening, reading, and writing skills in Malay.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197635, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197636, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197637, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197638, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MALAY 102 - First-Year Language Study: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
102

Teaching Area
MALAY

Course Title
First-Year Language Study: Malay

Course Description
Second-semester speaking, listening, reading, and writing skills in Malay.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAY 101 - First-Year Language Study: Malay

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197639, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197640, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197641, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197642, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MALAY 201 - Second-Year Language Study: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
201

Teaching Area
MALAY

Course Title
Second-Year Language Study: Malay

Course Description
Intermediate speaking, listening, reading, and writing skills in Malay.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAY 102 - First-Year Language Study: Malay

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197643, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197644, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197645, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197646, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MALAY 202 - Second-Year Language Study: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
202

Teaching Area
MALAY

Course Title
Second-Year Language Study: Malay

Course Description
Continued emphasis on Malay communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAY 201 - Second-Year Language Study: Malay

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197647, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197648, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197649, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197650, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MALAY 305 - Language Skills Development: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
305

Teaching Area
MALAY

Course Title
Language Skills Development: Malay

Course Description
Increasing proficiency in one or more of the following Malay language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197651, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197652, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197653, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MALAY 321 - Advanced Grammar: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
321

Teaching Area
MALAY

Course Title
Advanced Grammar: Malay

Course Description
Advance your Malay through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197654, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197655, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197656, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
330

Teaching Area
MALAY

Course Title
Advanced Language Proficiency Through Cultural Studies: Malay

Course Description
Study of Malay culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Malay 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197657, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197658, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197659, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197660, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MALAY 340 - Introduction to Literature: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
340

Teaching Area
MALAY

Course Title
Introduction to Literature: Malay

Course Description
Explore Malay culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197661, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197662, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197663, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197664, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MALAY 350 - Advanced Language Study for Career Purposes: Malay

Course Information

Teaching Area (new)
MALAY

Course Number
350

Teaching Area
MALAY

Course Title
Advanced Language Study for Career Purposes: Malay

Course Description
Concentration on Malay language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MALAY 330 - Advanced Language Proficiency Through Cultural Studies: Malay

Learning Outcomes

Title
Defined Career Purposes

Tags
197665, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197666, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197667, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197668, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197669, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MAORI 100 - Language Study: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
100

Teaching Area
MAORI

Course Title
Language Study: Maori

Course Description
Survival-level conversation, reading, listening, and culture skills in Maori.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197924, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197925, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197926, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MAORI 101 - First-Year Language Study: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
101

Teaching Area
MAORI

Course Title
First-Year Language Study: Maori

Course Description
Beginning speaking, listening, reading, and writing skills in Maori.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197927, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197928, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197929, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197930, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MAORI 102 - First-Year Language Study: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
102

Teaching Area
MAORI

Course Title
First-Year Language Study: Maori

Course Description
Second-semester speaking, listening, reading, and writing skills in Maori.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAORI 101 - First-Year Language Study: Maori

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197931, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197932, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197933, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197934, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MAORI 201 - Second-Year Language Study: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
201

Teaching Area
MAORI

Course Title
Second-Year Language Study: Maori

Course Description
Intermediate speaking, listening, reading, and writing skills in Maori.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAORI 102 - First-Year Language Study: Maori

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197935, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197936, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197937, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197938, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MAORI 202 - Second-Year Language Study: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
202

Teaching Area
MAORI

Course Title
Second-Year Language Study: Maori

Course Description
Continued emphasis on Maori communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAORI 201 - Second-Year Language Study: Maori

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197939, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197940, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197941, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197942, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MAORI 305 - Language Skills Development: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
305

Teaching Area
MAORI

Course Title
Language Skills Development: Maori

Course Description
Increasing proficiency in one or more of the following Maori language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197943, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197944, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197945, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MAORI 321 - Advanced Grammar: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
321

Teaching Area
MAORI

Course Title
Advanced Grammar: Maori

Course Description
Advance your Maori through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAORI 202 - Second-Year Language Study: Maori

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197946, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197947, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197948, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
330

Teaching Area
MAORI

Course Title
Advanced Language Proficiency Through Cultural Studies: Maori

Course Description
Study of Maori culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Maori 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197949, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197950, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197951, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197952, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MAORI 340 - Introduction to Literature: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
340

Teaching Area
MAORI

Course Title
Introduction to Literature: Maori

Course Description
Explore Maori culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197953, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197954, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197955, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197956, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MAORI 350 - Advanced Language Study for Career Purposes: Maori

Course Information

Teaching Area (new)
MAORI

Course Number
350

Teaching Area
MAORI

Course Title
Advanced Language Study for Career Purposes: Maori

Course Description
Concentration on Maori language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAORI 330 - Advanced Language Proficiency Through Cultural Studies: Maori

Learning Outcomes

Title
Defined Career Purposes

Tags
197957, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197958, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197959, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197960, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197961, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MARSH 100 - Language Study: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
100

Teaching Area
MARSH

Course Title
Language Study: Marshallese

Course Description
Survival-level conversation, reading, listening, and culture skills in Marshallese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Survival-level conversation, reading, listening, and culture skills in the target language.

Learning Outcomes

Title
Speaking

Tags
197781, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197782, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197783, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MARSH 101 - First-Year Language Study: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
101

Teaching Area
MARSH

Course Title
First-Year Language Study: Marshallese

Course Description
Beginning speaking, listening, reading, and writing skills in Marshallese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197784, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197785, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197786, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197787, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MARSH 102 - First-Year Language Study: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
102

Teaching Area
MARSH

Course Title
First-Year Language Study: Marshallese

Course Description
Second-semester speaking, listening, reading, and writing skills in Marshallese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MARSH 101 - First-Year Language Study: Marshallese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197788, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197789, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197790, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197791, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MARSH 201 - Second-Year Language Study: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
201

Teaching Area
MARSH

Course Title
Second-Year Language Study: Marshallese

Course Description
Intermediate speaking, listening, reading, and writing skills in Marshallese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MARSH 102 - First-Year Language Study: Marshallese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197712, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197713, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197714, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197715, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MARSH 202 - Second-Year Language Study: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
202

Teaching Area
MARSH

Course Title
Second-Year Language Study: Marshallese

Course Description
Continued emphasis on Marshallese communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MARSH 201 - Second-Year Language Study: Marshallese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197708, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197709, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197710, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197711, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MARSH 305 - Language Skills Development: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
305

Teaching Area
MARSH

Course Title
Language Skills Development: Marshallese

Course Description
Increasing proficiency in one or more of the following Marshallese language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197792, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197793, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197794, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MARSH 321 - Advanced Grammar: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
321

Teaching Area
MARSH

Course Title
Advanced Grammar: Marshallese

Course Description
Advance your Marshallese through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197795, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197796, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197797, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
330

Teaching Area
MARSH

Course Title
Advanced Language Proficiency Through Cultural Studies: Marshallese

Course Description
Study of Marshallese culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marsh 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197798, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197799, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197800, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197801, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MARSH 340 - Introduction to Literature: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
340

Teaching Area
MARSH

Course Title
Introduction to Literature: Marshallese

Course Description
Explore Marshallese culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197716, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197717, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197718, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197719, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MARSH 350 - Advanced Language Study for Career Purposes: Marshallese

Course Information

Teaching Area (new)
MARSH

Course Number
350

Teaching Area
MARSH

Course Title
Advanced Language Study for Career Purposes: Marshallese

Course Description
Concentration on Marshallese language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MARSH 330 - Advanced Language Proficiency Through Cultural Studies: Marshallese

Learning Outcomes

Title
Defined Career Purposes

Tags
197720, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197721, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197722, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197723, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197724, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MATH 097 - Intermediate Algebra

Course Information

Teaching Area (new)
MATH

Course Number
097

Teaching Area
MATH

Course Title
Intermediate Algebra

Course Description
Elementary logic, real number system, equations and inequalities (linear, polynomial, rational, and radical expressions), graphing, function notation, inverse function, exponential functions, systems of equations, variations.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
High school algebra.

Fee
75

Note
Fee.

Learning Outcomes

Title
Elementary logic, real number system, etc.

Tags
204873, 0

Learning Outcome
This course is not offered on BYU campus, but is available only through BYU Independent Study.Elementary logic, real number system, equations and inequalities (linear, polynomial, rational, and radical expressions), graphing, function notation, inverse functions, exponential functions, systems of equations, variations. 56 lessons, 2 assignment submissions, all instructor-graded; 4 proctored midcourse exams, all computer-graded Speedback; proctored computer-graded final exam.For more detailed information, visit the Math 97 Independent Study website.

MATH 102 - Quantitative Reasoning

Course Information

Teaching Area (new)
MATH

Course Number
102

Teaching Area
MATH

Course Title
Quantitative Reasoning

Course Description
Practicing and applying quantitative reasoning: personal finance, consumer statistics, etc.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
For students who do not need developmental algebra for subsequent courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Practicing and applying quantitative reasoning

Tags
204854, 0

Learning Outcome
For students who do not need developmental algebra for subsequent courses. For more detailed information, visit the Math 102 Wiki page.

MATH 109 - Precalculus

Course Information

Teaching Area (new)
MATH

Course Number
109

Teaching Area
MATH

Course Title
Precalculus

Course Description
Functions, trigonometric functions and their graphs, trigonometric identities, solving trigonometric equations, equations of lines, slope-intercept and point-slope form of a line, secant lines and average rates of change, rates of change in the sciences, graphical introduction to limits.

Department
Mathematics

When Taught
Fall Term 2; Winter Term 2.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Not for students with Math 112 credit.

Recommended
Concurrent enrollment in Math 110. \nMath 97 or Algebra II in high school

MATH 110 - College Algebra

Course Information

Teaching Area (new)
MATH

Course Number
110

Teaching Area
MATH

Course Title
College Algebra

Course Description
Functions, polynomials, theory of equations, exponential and logarithmic functions, matrices, systems of linear equations, permutations, combinations, binomial theorem.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Math 97 or equivalent (see Independent Study).

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Functions, polynomials, theory of equations, etc.

Tags
204851, 1

Learning Outcome
This course prepares students to take courses in calculus, statistics, mathematics for elementary education majors, and other areas where algebra skills are required. Fluent skills in algebra are necessary for success in any area that uses mathematical analysis. The mastery of college algebra requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. College Algebra develops the concepts of graphing functions, polynomial and rational functions, exponential and logarithmic functions, conic sections, solving systems of equations, the binomial theorem, permutations, combinations, and probability. This course contributes to all the expected learning outcomes of the Mathematics BS degree. For more detailed information, visit the Math 110 Wiki page.

Title
Exponential and Logarithmic Functions

Tags
204857, 2

Learning Outcome
Exponential functionsLogarithmic functionsProperties of LogarithmsLogarithmic and exponential equationsCompound interestExponential growth and decay

Title
Functions and their graphs

Tags
204869, 0, 0

Learning Outcome

Graph functions using horizontal and vertical shifts
Graph functions using compressions and stretches
Graph functions using reflections about the x-axis or y-axis
Form composite functions and find the domain
Determine the inverse of a function
Graph an inverse function from the graph of a function

Title
Polynomial and Rational Functions

Tags
204861, 0, 1

Learning Outcome

Quadratic functions
Polynomial functions
Rational functions
Polynomial and rational inequalities
The real zeros of a polynomial function
Complex zeros and the Fundamental Theorem of Algebra
The Intermediate Value Theorem.
The inequalities |x-a|<b and a-b<x<a+b

Title
Systems of Equations and Inequalities

Tags
204867, 0, 4

Learning Outcome

Solve systems of linear equations using substitution and elimination. Detect systems that have infinitely many solutions or no solutions.
Solve systems of non-linear equations using substitution and elimination, including systems with multiple solutions.

Title
Sequences and Induction

Tags
204855, 0, 5

Learning Outcome

Find terms in a sequence using a formula and a recursive definition.
Given terms in a sequence that follow a pattern, produce a formula for the sequence.
Find a formula for terms in an arithmetic sequence and be able to add the terms of a finite arithmetic sequence.
Find a formula for the terms in a geometric sequence and be able to find the sum of finite and infinite geometric series.

Title
Counting and Probability

Tags
204866, 0, 6

Learning Outcome

Count the number of ways in which a sequence of events can occur (the Rule of Product).
Compute probabilities based on equally likely outcomes.
Compute probabilities of complements of events and unions of disjoint events.
Compute the probability of a sequence of independent events.

MATH 111 - Trigonometry

Course Information

Teaching Area (new)
MATH

Course Number
111

Teaching Area
MATH

Course Title
Trigonometry

Course Description
Circular functions, triangle relationships, identities, inverse trig functions, trigonometric equations, vectors, complex numbers, DeMoivre's theorem.

Department
Mathematics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Math 110 or equivalent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Circular functions, triangle relationships, identities, etc.

Tags
204875, 1

Learning Outcome
Students should gain familiarity and proficiency with the basic theorems of trigonometry. For more detailed information, visit the Math 111 Wiki page.

MATH 112 - Calculus 1

Course Information

Teaching Area (new)
MATH

Course Number
112

Teaching Area
MATH

Course Title
Calculus 1

Course Description
Differential and integral calculus: limits; continuity; the derivative and applications; extrema; the definite integral; fundamental theorem of calculus; L'Hopital's rule.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. Students will be required to take a pretest which will be available online during the first week of the semester. Students will receive information about the pretest from their instructors on the first day of class.

Learning Outcomes

Title
Differential and integral calculus

Tags
204918, 1

Learning Outcome
This course is designed for students majoring in the mathematical and physical sciences, engineering, or mathematics education and for students minoring in mathematics or mathematics education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of calculus requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus 1 develops the concepts of limit, derivative, and integral, and is fundamental for many fields of mathematics. This course contributes to all the expected learning outcomes of the Mathematics BS. For more detailed information, visit the Math 112 Wiki page.

MATH 113 - Calculus 2

Course Information

Teaching Area (new)
MATH

Course Number
113

Teaching Area
MATH

Course Title
Calculus 2

Course Description
Techniques and applications of integration; sequences, series, convergence tests, power series; parametric equations; polar coordinates.

Department
Mathematics

When Taught
Fall; Winter; Spring-Summer; Spring; Summer.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Math 112.

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Techniques and applications of integration, etc.

Tags
204919, 1

Learning Outcome
This course is designed for students majoring in the mathematical and physical sciences, engineering, or mathematics education and for students minoring in mathematics or mathematics education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of calculus requires well-developed skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus 2 develops techniques of integration, applications of integration, infinite sequences and series, parametric curves, polar coordinates, and conic sections. This course contributes to all the expected learning outcomes of the Mathematics BS. For a more detailed course description, visit the Math 113 Wiki page.

MATH 116 - Essentials of Calculus

Course Information

Teaching Area (new)
MATH

Course Number
116

Teaching Area
MATH

Course Title
Essentials of Calculus

Course Description
Review of algebra, graph of line, slope. Limits and derivatives (standard functions, compositions of such functions), derivative for polynomials, exponentials, logarithms. Product, quotient and chain rule. Optimization (extrema), application to business problems. Newton's method.

Department
Mathematics

When Taught
Spring and Summer Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Math 110.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
A brief overview of differential calculus

Tags
204856, 1

Learning Outcome
Students receive a brief overview of differential calculus. Topics covered include limits, derivatives, and applications of differentiation to optimization of functions.For more detailed information visit the Math 116 Wiki page.

MATH 118 - Finite Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
118

Teaching Area
MATH

Course Title
Finite Mathematics

Course Description
Language of set theory, counting and combinations. Probability theory, elementary stochastic processes, conditional probabilities. Repeated experiments, random variables, expectation, variance, linear equations, matrix algebra, application to economics or similar. Linear programming. Markov chains including applications.

Department
Mathematics

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 110.

Note
NOTE: Additional seats for specific sections may be available to Freshman Mentoring participants. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register is.byu.edu

Learning Outcomes

Title
The basic elements and applications of finite mathematics

Tags
204871, 1

Learning Outcome
Prepares students for a broad range of applications in business, the life sciences, and the social sciences.For more detailed information visit the Math 118 Wiki page.

MATH 191 - Seminar in Mathematics 1

Course Information

Teaching Area (new)
MATH

Course Number
191

Teaching Area
MATH

Course Title
Seminar in Mathematics 1

Course Description
Careers, topics, and problems in mathematics.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Students should be familiar with the following items:

Tags
204920, 1

Learning Outcome

Scholarships, undergraduate research, departmental activities, and summer programs available to BYU mathematics majors.
Career options available to mathematics majors;
Several current research topics in mathematics; and
Aspects of the culture of the mathematics community.

For more information, visit the Math 191 Wiki page.

MATH 213 - Elementary Linear Algebra

Course Information

Teaching Area (new)
MATH

Course Number
213

Teaching Area
MATH

Course Title
Elementary Linear Algebra

Course Description
Concepts and applications of linear systems, matrices, vectors and vector spaces, linear transformations, determinants, inner product spaces, eigenvalues, and eigenvectors.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Math 112.

Learning Outcomes

Title
Distinguish

Tags
212369, 0, 1

Learning Outcome
Students will be able to distinguish between true and plausibly-sounding false propositions about matrices and vectors.

Title
Construct

Tags
212370, 0, 2

Learning Outcome
Students will be able to construct examples and counterexamples illustrating relations between different elementary linear-algebraic concepts.

Title
Categorize

Tags
212371, 0, 3

Learning Outcome
Students will be able to categorize matrices according to their properties.

Title
Calculate

Tags
212372, 0, 4

Learning Outcome
Students will be able to calculate precisely and efficiently, choosing appropriate methods.

MATH 215 - Computational Linear Algebra

Course Information

Teaching Area (new)
MATH

Course Number
215

Teaching Area
MATH

Course Title
Computational Linear Algebra

Course Description
Practical linear algebraic computations and applications.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Math 112.

Recommended
Concurrent or previous enrollment in Math 213 or Math 313

Learning Outcomes

Title
Solve

Tags
212373, 0, 1

Learning Outcome
Students will be able to solve large-scale linear-algebraic problems.

Title
Apply

Tags
212374, 0, 2

Learning Outcome
Students will be able to apply matrices and vectors to analyze scientific and technological systems.

Title
Implement

Tags
212375, 0, 3

Learning Outcome
Students will be able to implement linear-algebraic techniques in suitable computing environments.

MATH 290 - Fundamentals of Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
290

Teaching Area
MATH

Course Title
Fundamentals of Mathematics

Course Description
Achieving maturity in mathematical communication. Introduction to mathematical proof; methods of proof; analysis of proof; induction; logical reasoning.

Department
Mathematics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 112 or concurrent enrollment with instructor's consent.

Learning Outcomes

Title
Achieving maturity in mathematical communication.

Tags
204921, 1

MATH 300 - History and Philosophy of Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
300

Teaching Area
MATH

Course Title
History and Philosophy of Mathematics

Course Description
Historical development of important mathematical ideas and philosophies; implications for the mathematical curriculum.

Department
Mathematics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 113.

Learning Outcomes

Title
Complexity of Human Mathematical Activity and Learning

Tags
204872, 3

MATH 302 - Mathematics for Engineering 1

Course Information

Teaching Area (new)
MATH

Course Number
302

Teaching Area
MATH

Course Title
Mathematics for Engineering 1

Course Description
Multivariable calculus, linear algebra, and numerical methods.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Math 113.

Note
A passing grade on the Math 302 pretest is prerequisite for MATH 302. See math.byu.edu/~math302/ for details.

Learning Outcomes

Title
Multivariable calculus, linear algebra, numerical methods

Tags
205026, 1

Learning Outcome
This course is designed to give students from the College of Engineering the mathematics background necessary to succeed in their chosen field. For more detailed information, please visit the department wiki for this course at Math 302 Wiki page.

MATH 303 - Mathematics for Engineering 2

Course Information

Teaching Area (new)
MATH

Course Number
303

Teaching Area
MATH

Course Title
Mathematics for Engineering 2

Course Description
ODEs, Laplace transforms, Fourier series, PDEs.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- MATH 302 - Mathematics for Engineering 1

OR

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra
  AND MATH 314 - Calculus of Several Variables

Learning Outcomes

Title
ODEs, Laplace transforms, Fourier series, PDEs

Tags
205486, 1

Learning Outcome
This course is designed to give students from the College of Engineering the mathematics background necessary to succeed in their chosen field. For a more detailed course description, visit Math 303 Wiki page.

MATH 314 - Calculus of Several Variables

Course Information

Teaching Area (new)
MATH

Course Number
314

Teaching Area
MATH

Course Title
Calculus of Several Variables

Course Description
Partial differentiation, the Jacobian matrix, and integral theorems of vector calculus.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2

Learning Outcomes

Title
Partial differentiation, the Jacobian matrix, etc.

Tags
204923, 1

Learning Outcome
This course is aimed at students majoring in mathematical and physical sciences, and engineering, and students minoring in mathematics or mathematical education. Calculus is the foundation for most of the mathematics studied at the university level. The mastery of calculus requires well-developed manipulative skills, clear conceptual understanding, and the ability to model phenomena in a variety of settings. Calculus of several variables extends the concepts of limit, integral, and derivative from one dimension to higher dimensional settings and is therefore fundamental for many fields of mathematics. This course contributes to all the expected learning outcomes of the Mathematics BS degree. For more detailed information visit the Math 314 Wiki page.

MATH 320 - Algorithm Design and Optimization 1

Course Information

Teaching Area (new)
MATH

Course Number
320

Teaching Area
MATH

Course Title
Algorithm Design and Optimization 1

Course Description
A treatment of algorithms used to solve problems. Topics include complexity and data, approximation theory, recursive algorithms, linear optimization, unconstrained optimization, constrained optimization, global optimization.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 314 - Calculus of Several Variables
  AND MATH 341 - Theory of Analysis 1

OR

Prerequisites

Complete ALL of the following Courses:

- **AND** MATH 314 - Calculus of Several Variables
  AND MATH 341 - Theory of Analysis 1

Other Prerequisites
concurrent enrollment in Math 321, 344.

Note
Students who register for MATH 320 must also register for the same section of MATH 344 and register for MATH 321 and MATH 345.

Learning Outcomes

Title
Introduction to Algorithms and Approximation

Tags
205015, 1

Learning Outcome
Coverage of the fundamentals of algorithm analysis including, convergence, stability, mathematics for algorithm analysis, data structures, probability, and introductory statistics. Discrete optimization and algorithms employing stochastic guessing are investigated. Additionally, students will learn about approximation methods including Fourier series and wavelets. For detailed information about desired learning outcomes visit the Math 320 Wiki page.

MATH 321 - Algorithm Design and Optimization 1 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
321

Teaching Area
MATH

Course Title
Algorithm Design and Optimization 1 Laboratory

Course Description
Programming algorithms and using functions to implement the optimization algorithms taught in Math 320. Applications presented. Developing models and applying results of computations to the application domain.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
C S 111 or equivalent; concurrent enrollment in Math 320, 345.

Note
Students who register for Math 321 must also register for Math 320, Math 344, and Math 345.

Learning Outcomes

Title
Model Applications

Tags
204938, 1

Learning Outcome
Students will be able to model many applications effectively using the concepts covered in Math 320. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

MATH 322 - Algorithm Design and Optimization 2

Course Information

Teaching Area (new)
MATH

Course Number
322

Teaching Area
MATH

Course Title
Algorithm Design and Optimization 2

Course Description
Algorithms used to solve dynamic programming problems and advanced computing problems. Topics include finite-horizon and infinite-horizon dynamic programming, discrete transforms, compressed sensing, heuristics, branch and bound, conditioning and stability.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 320 - Algorithm Design and Optimization 1

Other Prerequisites
concurrent enrollment in Math 323, 346.

Learning Outcomes

Title
Algorithms for approximation and optimization

Tags
205017, 1

Learning Outcome
Algorithms for polynomial approximation and interpolation will be presented. Algorithms for optimization will be covered including those for unconstrained optimization, linear optimization, nonlinear constrained optimization, and convex optimization. Dynamic optimization and stochastic problems will also be covered. For a detailed description of desired learning outcomes visit the Math 322 Wiki page.

MATH 323 - Algorithm Design and Optimization 2 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
323

Teaching Area
MATH

Course Title
Algorithm Design and Optimization 2 Laboratory

Course Description
Using existing software and writing code for algorithms taught in Math 322. Applications presented. Developing models and applying results to the application domain.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 321 - Algorithm Design and Optimization 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 322, 347.

Learning Outcomes

Title
Effectively Model Applications

Tags
204939, 1

Learning Outcome
Students will be able to model many real-world applications effectively using the concepts covered in Math 322. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

MATH 334 - Ordinary Differential Equations

Course Information

Teaching Area (new)
MATH

Course Number
334

Teaching Area
MATH

Course Title
Ordinary Differential Equations

Course Description
Methods and theory of ordinary differential equations.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra

Other Prerequisites
Math 113.

Learning Outcomes

Title
Methods and theory of ordinary differential equations.

Tags
204924, 1

Learning Outcome
This course is aimed at students majoring in mathematical and physical sciences and mathematical education. The main purpose of the course is to introduce students to the theory and methods of ordinary differential equations. The course content contributes to all the expected learning outcomes of the Mathematics BS. For more detailed information visit the Math 334 Wiki page.

MATH 341 - Theory of Analysis 1

Course Information

Teaching Area (new)
MATH

Course Number
341

Teaching Area
MATH

Course Title
Theory of Analysis 1

Course Description
Rigorous treatment of calculus of a single real variable: topology, order, completeness of real numbers; continuity, differentiability, integrability, and convergence of functions.

Department
Mathematics

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

No Requirements

Other Prerequisites
Math 113 and Math 290.

Learning Outcomes

Title
Prove

Tags
204925, 0, 1, 2023-03-29 12:21:59

Learning Outcome
Students will be able to prove central results from single-variable analysis, as well as other results with similar derivations.

Title
Distinguish

Tags
212865, 0, 2

Learning Outcome
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of single-variable analysis.

Title
Construct

Tags
212866, 0, 3

Learning Outcome
Students will be able to construct examples and counterexamples illustrating relations between different concepts from single-variable analysis.

Title
Categorize

Tags
212867, 0, 4

Learning Outcome
Students will be able to categorize structures in single-variable analysis according to their properties.

MATH 342 - Theory of Analysis 2

Course Information

Teaching Area (new)
MATH

Course Number
342

Teaching Area
MATH

Course Title
Theory of Analysis 2

Course Description
Rigorous treatment of calculus of several real variables; metric spaces, geometry and topology of Euclidean space, differentiation implicity function theorem, integration on sets and manifolds.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 341 - Theory of Analysis 1
  AND MATH 314 - Calculus of Several Variables

Learning Outcomes

Title
Rigorous treatment of calculus of several real variables.

Tags
204926, 1

Learning Outcome
Math 342 is the multivariable sequel to Math 341. It provides a rigorous treatment of multivariable calculus. Unlike the case with Math 341, Math 342 students are not required to have had an introductory course in the subject matter, so Math 342 needs to treat both computation and theory in some depth. For more detailed information visit the Math 342 Wiki page.

MATH 344 - Mathematical Analysis 1

Course Information

Teaching Area (new)
MATH

Course Number
344

Teaching Area
MATH

Course Title
Mathematical Analysis 1

Course Description
Development of theory of vector spaces, linear maps, inner product spaces, spectral theory, metric space topology, differentiation, contraction mappings and convex analysis.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 314 - Calculus of Several Variables
  AND MATH 341 - Theory of Analysis 1

OR

Prerequisites

Complete ALL of the following Courses:

- **AND** MATH 314 - Calculus of Several Variables
  AND MATH 341 - Theory of Analysis 1

Other Prerequisites
concurrent enrollment in Math 345.

Note
Students who register for MATH 344 must also register for the same section of MATH 320 and register for MATH 321 and MATH 345.

Learning Outcomes

Title
Development of theories relating to specific concepts

Tags
205013, 1

Learning Outcome
Development of the theory of vector spaces, linear maps, inner product spaces, spectral theory and metric space topology. For a detailed description of desired learning outcomes visit the Math 344 Wiki page.

MATH 345 - Mathematical Analysis 1 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
345

Teaching Area
MATH

Course Title
Mathematical Analysis 1 Laboratory

Course Description
Programming algorithms to implement the key mathematical methods taught in Math 344. Applications presented. Developing models and applying results of computations to the application domain.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
C S 111 or equivalent; concurrent enrollment in Math 344.

Note
Students who register for MATH 345 must also register for MATH 320, MATH 321, and MATH 344.

Learning Outcomes

Title
Essential Python and numerical linear algebra

Tags
205016, 1

Learning Outcome
Students will learn the fundamentals of Python and program algorithms to implement the key linear algebra methods taught in Math 344. Applications will be presented, and students will develop models and apply the results of the computations to the application domain.

MATH 346 - Mathematical Analysis 2

Course Information

Teaching Area (new)
MATH

Course Number
346

Teaching Area
MATH

Course Title
Mathematical Analysis 2

Course Description
Theory of Riemann-Darboux integration, calculus on curves and surfaces, complex integration, spectral calculus, generalized inverses of matrices, basic matrix perturbation theory, groups of permutations and matrices. Time permitting, exterior calculus and differential forms.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 344 - Mathematical Analysis 1
  AND MATH 345 - Mathematical Analysis 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 347.

Learning Outcomes

Title
Topics from nonlinear and linear analysis

Tags
205014, 1

Learning Outcome
Differentiation, contraction mappings, calculus on curves and surfaces, complex analysis, spectral calculus, generalized inverses of matrices. Time permitting iterative methods, basic matrix perturbation theory and pseudospectra. For a detailed description of desired learning outcomes visit the Math 346 Wiki page.

MATH 347 - Mathematical Analysis 2 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
347

Teaching Area
MATH

Course Title
Mathematical Analysis 2 Laboratory

Course Description
Programming algorithms and using functions to implement the mathematical methods taught in Math 346. Applications presented. Developing models and applying results of computations to the application domain.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 345 - Mathematical Analysis 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 346.

Learning Outcomes

Title
Expectations

Tags
204947, 1

Learning Outcome
Students will be able to relate the concepts covered in Math 346 to specific aspects of many applications. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

MATH 350 - Combinatorics & Graph Theory

Course Information

Course Number
350

Teaching Area
MATH

Course Title
Combinatorics & Graph Theory

Course Description
A proof-based introduction to discrete mathematics, including substantial treatment of both enumerative combinatorics and graph theory. Activities include writing and reading proofs, considering examples and counterexamples, and categorizing discrete mathematical structures.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra
- MATH 290 - Fundamentals of Mathematics

Learning Outcomes

Title
Prove

Tags
213979, 0, 1, 2023-08-29 10:43:34

Learning Outcome
Students will be able to prove central results from discrete mathematics, as well as other results with similar derivations.

Title
Distinguish

Tags
213980, 0, 2, 2023-08-29 10:43:35

Learning Outcome
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of discrete mathematics.

Title
Construct

Tags
213981, 0, 3, 2023-08-29 10:43:36

Learning Outcome
Students will be able to construct examples and counterexamples illustrating relations between different concepts from discrete mathematics.

Title
Categorize

Tags
213982, 0, 4, 2023-08-29 10:43:39

Learning Outcome
Students will be able to categorize discrete mathematical structures according to their properties.

MATH 352 - Introduction to Complex Analysis

Course Information

Teaching Area (new)
MATH

Course Number
352

Teaching Area
MATH

Course Title
Introduction to Complex Analysis

Course Description
Complex algebra, analytic functions, integration in the complex plane, infinite series, theory of residues, conformal mapping.

Department
Mathematics

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 290 - Fundamentals of Mathematics
  AND MATH 314 - Calculus of Several Variables

Other Prerequisites
Math 341 or concurrent enrollment

Learning Outcomes

Title
Mastery of Concepts

Tags
204810, 2

Learning Outcome
Students will master complex numbers, limits, analytic functions, elementary functions in the complex plane, contour integrals, Taylor series, Laurent series, isolated singularities, residue theory and applications, and conformal mappings.

Title
Complex algebra, analytic functions, infinite series, etc.

Tags
204927, 1

Learning Outcome
This course is aimed at graduates majoring in mathematical and physical sciences and engineering. In addition to being an important branch of mathematics in its own right, complex analysis is an important tool for differential equations (ordinary and partial), algebraic geometry and number theory. Thus it is a core requirement for all mathematics majors. It contributes to all the expected learning outcomes of the Mathematics BS degree.For more detailed information visit the Math 352 Wiki page.

MATH 362 - Survey of Geometry

Course Information

Teaching Area (new)
MATH

Course Number
362

Teaching Area
MATH

Course Title
Survey of Geometry

Course Description
Logical and historical development of Euclidean and non-Euclidean geometry, transformations and symmetry; relationships among axiomatic systems; use of software and other geometric models; proofs and Van Hiele levels.

Department
Mathematics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 290 - Fundamentals of Mathematics

Learning Outcomes

Title
Knowing and Learning Geometry

Tags
204853, 1

Learning Outcome
Students understand central objects, concepts, relationships, definitions, and theorems of Euclidean geometry, how adolescents come to understand these, and the canonical examples and alternative approaches germane to teaching secondary school geometry.

Title
Multiple Geometries

Tags
204858, 3

Learning Outcome
Students understand and can describe the relationships among neutral, Euclidean, and non-Euclidean geometries in terms of fundamental geometric concepts, objects, and properties (particularly parallelism), and can use the fundamental properties of axiom systems and models to provide convincing arguments about these relationships.

Title
Communicating Geometric Ideas and Arguments

Tags
204862, 2

Learning Outcome
Students can communicate geometric ideas effectively using a variety of appropriate representations and can construct valid proofs of geometric theorems within a given axiom system.

MATH 371 - Abstract Algebra 1.

Course Information

Teaching Area (new)
MATH

Course Number
371

Teaching Area
MATH

Course Title
Abstract Algebra 1.

Course Description
Groups, group homomorphisms, rings, ideals, and polynomials.

Department
Mathematics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra
  AND MATH 290 - Fundamentals of Mathematics

Learning Outcomes

Title
Groups, group homomorphisms, rings, ideals, and polynomials.

Tags
204929, 1

Learning Outcome
This course is aimed at undergraduate mathematics and mathematics education majors. It is a first course in abstract algebra. In addition to being an important branch of mathematics in its own right, abstract algebra is now an essential tool in number theory, geometry, topology, and, to a lesser extent, analysis. Thus it is a core requirement for all mathematics majors. Outside of mathematics, algebra also has applications in cryptography, coding theory, quantum chemistry, and physics. For more detailed information visit the Math 371 Wiki page.

MATH 372 - Abstract Algebra 2.

Course Information

Teaching Area (new)
MATH

Course Number
372

Teaching Area
MATH

Course Title
Abstract Algebra 2.

Course Description
Fields, Galois theory, solvability of polynomials by radicals.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 371 - Abstract Algebra 1.

Learning Outcomes

Title
Fields, Galois theory, solvability of polynomials by radicals

Tags
204930, 1

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes on the Math 372 Wiki page. This means that they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor.

MATH 380 - Mathematical Foundations of Data Science

Course Information

Teaching Area (new)
MATH

Course Number
380

Teaching Area
MATH

Course Title
Mathematical Foundations of Data Science

Course Description
Mathematical aspects of data science, including high-dimensional geometry and linear algebra, optimization, and probabilistic modeling.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 180 - Introduction to Data Science
  AND MATH 215 - Computational Linear Algebra
  AND STAT 121 - Introduction to Statistical Data Analysis
  AND MATH 213 - Elementary Linear Algebra

OR

Prerequisites

Complete ALL of the following Courses:

- C S 180 - Introduction to Data Science
  AND MATH 215 - Computational Linear Algebra
  AND STAT 201 - Statistics for Engineers and Scientists
  AND MATH 213 - Elementary Linear Algebra

Other Prerequisites
Math 112

MATH 391R - Seminar in Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
391R

Teaching Area
MATH

Course Title
Seminar in Mathematics

Course Description
Topics from classical problems of antiquity, combinatorial mathematics, graph theory, real functions, number theory, functional equations.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Topics from any area of mathematics.

Tags
204852, 1

Learning Outcome
Specified by the instructor on a case-by-case basis. Topics may be drawn from any area of mathematics. Typical topics include the Putnam Examination, dynamic systems, combinatorial mathematics, graph theory, real functions, number theory, functional equations, etc.

MATH 392 - Career Skills in Math

Course Information

Course Number
392

Teaching Area
MATH

Course Title
Career Skills in Math

Course Description
This course prepares math students to apply for jobs and internships in business, industry, tech, government labs, and academia.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Prepare

Learning Outcome
Prepare a CV or resume that highlights skills obtained in a math degree

Title
Apply

Learning Outcome
Learn how to apply for jobs in math related fields.

Title
Interview

Learning Outcome
Learn interview skills for jobs in business, industry, tech, government labs, and academia

Title
Networking

Learning Outcome
Learn networking skills

MATH 393 - Survey of Advanced Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
393

Teaching Area
MATH

Course Title
Survey of Advanced Mathematics

Course Description
A series of lectures designed to give students an overview of active research areas in advanced mathematics.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Majors only.

Learning Outcomes

Title
Survey of Advanced Mathematics

Tags
204874, 1

Learning Outcome
Students should be familiar with the areas of mathematical research described (naturally in a highly schematic way) by the lecturers in the course. The areas of research will be essentially those that are currently being pursued by BYU faculty in the mathematics department. Students will be able to make an informed choice if they wish to begin a program of undergraduate research with one of the faculty. For more information see the course Wiki page.

MATH 399R - Academic Internship

Course Information

Teaching Area (new)
MATH

Course Number
399R

Teaching Area
MATH

Course Title
Academic Internship

Course Description
On-the-job experience.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
9

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
On-the-job experience

Tags
204859, 1

Learning Outcome
To be defined by the professor on a case-by-case basis. In general, via the internship the student should obtain additional mathematical knowledge, and/or apply non-trivial mathematical techniques in creative ways.

MATH 402 - Modeling with Uncertainty and Data 1

Course Information

Teaching Area (new)
MATH

Course Number
402

Teaching Area
MATH

Course Title
Modeling with Uncertainty and Data 1

Course Description
Theory of probability and stochastic processes, emphasizing topics used in applications. Random spaces and variables, probability distributions, limit theorems, martingales, diffusion, Markov, Poisson and queuing processes, renewal theory, and information theory.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 322 - Algorithm Design and Optimization 2
  AND MATH 346 - Mathematical Analysis 2
  AND MATH 323 - Algorithm Design and Optimization 2 Laboratory

Other Prerequisites
concurrent enrollment in Math 403.

Learning Outcomes

Title
Probability and Statistics 1

Tags
204958, 1

Learning Outcome
Theory of probability and stochastic processes, emphasizing topics used in applications. Random spaces and variables, probability distributions, limit theorems, martingales, diffusion, Markov, Poisson and queuing processes, renewal theory, and information theory. For detailed information about the desired learning outcomes visit the Math 402 Wiki page.

MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
403

Teaching Area
MATH

Course Title
Modeling with Uncertainty and Data 1 Laboratory

Course Description
Using and developing algorithms for the content of Math 402; developing I/O wrappers for numerical libraries. Applications presented. Developing models and applying results of computations.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 323 - Algorithm Design and Optimization 2 Laboratory **AND** MATH 347 - Mathematical Analysis 2 Laboratory

Other Prerequisites
concurrent enrollment in Math 402.

Learning Outcomes

Title
Expectations

Tags
204948, 1

Learning Outcome
Students will be able to model specific applications using the concepts covered in Math 402, and to critique the models in the context from which the application was taken. They will be able to use software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

MATH 404 - Modeling with Uncertainty and Data 2

Course Information

Teaching Area (new)
MATH

Course Number
404

Teaching Area
MATH

Course Title
Modeling with Uncertainty and Data 2

Course Description
First course in mathematical statistics, focusing on mathematical aspects. Topics include estimation, inference, analysis of variance, regression, multivariate statistics, Bayesian statistics, state estimation, Kalman filtering, time series, GARCH models.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 402 - Modeling with Uncertainty and Data 1
  AND MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 405.

Learning Outcomes

Title
A First Course in Mathematical Statistics

Tags
204949, 1

Learning Outcome
A first course in mathematical statistics, focusing on the mathematical aspects of the subject. Specific topics include estimation, inference, analysis of variance, regression, multivariate statistics, Bayesian statistics, state estimation, Kalman filtering, time series, GARCH models. For a more detailed description of desired learning outcomes visit the Math 404 Wiki page.

MATH 405 - Modeling with Uncertainty and Data 2 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
405

Teaching Area
MATH

Course Title
Modeling with Uncertainty and Data 2 Laboratory

Course Description
Using and developing software to implement the content of Math 404 and handle large data sets. Applications presented. Designing and executing statistical tests and applying computations to application domains.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MATH 403 - Modeling with Uncertainty and Data 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 404.

Learning Outcomes

Title
Expectations

Tags
204950, 1

Learning Outcome
Students will be able to apply the models and methods covered in Math 404 to specific real-world settings. They will be able to use software to do the relevant computations, including the handling of large data sets and the interpretation of numerical results. They will be able to devise a specific plan for the use of statistical methods, for an application setting in which the goals are stated in general terms rather than specific statistical terms.

MATH 406R - Topics in Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
406R

Teaching Area
MATH

Course Title
Topics in Mathematics

Course Description
Topics selected from various aspects of mathematics. Possibilities include, but are not limited to, combinatorial theory, factorization and primality testing, game theory, harmonic analysis, hyperbolic geometry, linear programming, Lie groups, p-adic numbers, set theory and mathematical logic stochastic processes, supply chain management, voting theory.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Topics in Mathematics

Tags
204931, 1

Learning Outcome

Students will deepen understanding and skills as outlined in individualized contract between student and professor.
Students will demonstrate an advanced level of knowledge in a chosen specialty area.
Students will improve their understanding of a focused topic through mentored inquiry and the completion of related writing or design activity.

For more detailed information visit the Math 406R Wiki page

MATH 410 - Introduction to Numerical Methods

Course Information

Teaching Area (new)
MATH

Course Number
410

Teaching Area
MATH

Course Title
Introduction to Numerical Methods

Course Description
Root finding, interpolation, curve fitting, numerical differentiation and integration, multiple integrals, direct solvers for linear systems, least squares, rational approximations, Fourier and other orthogonal methods.

Department
Mathematics

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables

Other Prerequisites
C S 111 or equivalent.

Learning Outcomes

Title
Numerical Solutions

Tags
204811, 2

Learning Outcome
Students will master numerical solution of equations of one variable, interpolation, numerical differentiation, numerical integration, and numerical solution of linear systems.

Title
Root finding, interpolation, curve fitting, etc.

Tags
204932, 1

Learning Outcome
Root finding, interpolation, curve fitting, numerical differentiation and integration, multiple integrals, direct solvers for linear systems, least squares, rational approximations, Fourier and other orthogonal methods. [This official course description appears to differ with current standard practice, in that iterative solvers of linear systems are taught in this course, while "Fourier and other orthogonal methods" are postponed until Math 411.] For more detailed information visit the Math 410 Wiki page.

MATH 411 - Numerical Methods

Course Information

Teaching Area (new)
MATH

Course Number
411

Teaching Area
MATH

Course Title
Numerical Methods

Course Description
Iterative solvers for linear systems, eigenvalue, eigenvector approximations, numerical solutions to nonlinear systems, numerical techniques for initial and boundary value problems, elementary solvers for PDEs.

Department
Mathematics

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations

Learning Outcomes

Title
Knowledge of Numerical Methods

Tags
204933, 1

Learning Outcome
Students should be able to describe, derive, and implement the numerical methods listed on the Math 411 Wiki page. They should be able to explain the advantages and disadvantages of each method. They should understand error analysis and be able to make practical decisions based on the outcomes of that analysis.

MATH 413 - Advanced Linear Algebra

Course Information

Teaching Area (new)
MATH

Course Number
413

Teaching Area
MATH

Course Title
Advanced Linear Algebra

Course Description
Theory and advanced topics of linear algebra.

Department
Mathematics

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra
  AND MATH 290 - Fundamentals of Mathematics

Recommended
Math 371

Learning Outcomes

Title
Prove

Tags
213983, 0, 1, 2023-08-29 10:44:34

Learning Outcome
Students will be able to prove central linear-algebraic results, as well as other results with similar derivations.

Title
Distinguish

Tags
213984, 0, 2, 2023-08-29 10:44:36

Learning Outcome
Students will be able to distinguish between true and plausibly-sounding false propositions in the language of linear algebra.

Title
Construct

Tags
213985, 0, 3, 2023-08-29 10:44:38

Learning Outcome
Students will be able to construct examples and counterexamples illustrating relations between different linear-algebraic concepts.

Title
Categorize

Tags
213986, 0, 4, 2023-08-29 10:44:40

Learning Outcome
Students will be able to categorize linear-algebraic structures according to their properties.

Title
Calculate

Tags
213987, 0, 5, 2023-08-29 10:44:48

Learning Outcome
Students will be able to calculate precisely and efficiently, choosing appropriate methods.

MATH 425 - Mathematical Biology

Course Information

Teaching Area (new)
MATH

Course Number
425

Teaching Area
MATH

Course Title
Mathematical Biology

Course Description
Using tools in mathematics to help biologists. Motivating new mathematics with questions in biology.

Department
Mathematics

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations

Learning Outcomes

Title
Mathematical Biology

Tags
204934, 0

Learning Outcome
Students should gain a familiarity with how the disciplines of mathematics and biology can complement each other. Increasingly, mathematics is used to understand complex biological systems. Without some familiarity with the mathematical techniques, it is difficult to know how to interpret the results. In this class, a variety of applications to medicine and biology will be studied, highlighting the different mathematical techniques. The objective of the class is not only to introduce the students to various applications and methods but also to help determine the strengths and weaknesses of different methods. For more detailed information visit the Math 425 Wiki page.

MATH 431 - Probability Theory

Course Information

Teaching Area (new)
MATH

Course Number
431

Teaching Area
MATH

Course Title
Probability Theory

Course Description
Axiomatic probability theory, conditional probability, discrete / continuous random variables, expectation, conditional expectation, moments, functions of random variables, multivariate distributions, laws of large numbers, central limit theorem.

Department
Mathematics

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra

Learning Outcomes

Title
Probability

Tags
180377, 1

Learning Outcome
The ability to use and simulate random variables, distribution functions, probability mass functions, and probability density functions, through calculus and functional transformations, to answer quantitative questions about the outcomes of probabilistic systems.

Title
Variables

Tags
180378, 2

Learning Outcome
The ability to use and simulate multivariate distributions, independence, conditioning, and functions of random variables, including the ability to compute expectations, moments, and correlation functions, to describe relationships between different experimental conditions.

Title
Reasoning

Tags
180385, 0

Learning Outcome
The ability to use probabilistic reasoning and the foundations of probability theory to describe probabilistic engineering experiments in terms of sample spaces, event algebras, classical probability, and Kolmogorov's axioms.

Title
Statistical Inference

Tags
180386, 5

Learning Outcome
The ability to use statistics from measurements and acquired data to make reasonable quantitative inferences about engineering systems.
For more detailed information visit the Math 431 Wiki page.

MATH 435 - Mathematical Finance

Course Information

Teaching Area (new)
MATH

Course Number
435

Teaching Area
MATH

Course Title
Mathematical Finance

Course Description
The binomial asset pricing model (discrete probability). Martingales, pricing of derivative securities, random walk in financial models, random interest rates.

Department
Mathematics

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 431

Learning Outcomes

Title
The binomial asset pricing model (discrete probability)

Tags
204935, 1

MATH 436 - Modeling with Dynamics and Control 1

Course Information

Teaching Area (new)
MATH

Course Number
436

Teaching Area
MATH

Course Title
Modeling with Dynamics and Control 1

Course Description
Theory and applicatiions of dynamic systems and partial differential equations. Topics include dynamic systems; bifurcation theory; control theory; hyperbolic, parabolic, and elliptic partial differential equations; commonly-used algorithms.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND MATH 346 - Mathematical Analysis 2
  AND MATH 323 - Algorithm Design and Optimization 2 Laboratory

Other Prerequisites
concurrent enrollment in Math 437.

Learning Outcomes

Title
Introduction to the modeling and qualitative theory of differential equations

Tags
205022, 1

Learning Outcome
Introduction to the modeling and qualitative theory of differential equations, both ordinary and partial. Specific topics include: existence/uniqueness of ordinary differential equations (ODE), stability theory for smooth continuous dynamical systems, modeling with ODEs, bifurcation theory, modeling with partial differential equations (PDE), method of characteristics, parabolic operators and viscous effects, conservation laws, Sturm-Liouville operators, eigenfunction expansions, and Green's functions.
For detailed information about desired learning outcomes visit the Math 436 Wiki page.

MATH 437 - Modeling with Dynamics and Control 1 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
437

Teaching Area
MATH

Course Title
Modeling with Dynamics and Control 1 Laboratory

Course Description
Using and developing software to implement the content of Math 436. Developing models and applying results of computations to several application domains. Introduction to parallel computation.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 323 - Algorithm Design and Optimization 2 Laboratory **AND** MATH 347 - Mathematical Analysis 2 Laboratory

Other Prerequisites
concurrent enrollment in Math 436.

Learning Outcomes

Title
Applications

Tags
204936, 1

Learning Outcome
Students will be able to model many real-world applications effectively using the concepts covered in Math 436. They will be able to use commercial software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated.

MATH 438 - Modeling with Dynamics and Control 2

Course Information

Teaching Area (new)
MATH

Course Number
438

Teaching Area
MATH

Course Title
Modeling with Dynamics and Control 2

Course Description
Introduction to integral equations, calculus of variations, stochastic differential equatons, optimal stochastic control; common algorithms used for these systems.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 436 - Modeling with Dynamics and Control 1
  AND MATH 437 - Modeling with Dynamics and Control 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 439.

Learning Outcomes

Title
Introduction to modeling with the Calculus of Variations, Optimal Control, and Uncertainty Quantification

Tags
205021, 1

Learning Outcome
Introduction to modeling with the Calculus of Variations, Optimal Control, and Uncertainty Quantification. Specific topics include:
specific problems in the calculus of variations, Euler-Lagrange equations, natural boundary conditions, higher order derivatives, secondary conditions for maxima/minima, derivation of Pontraygin's maximum principle, modeling with optimal control applied to biological, physical and the health sciences, Bayesian approach to uncertainty quantification for simple models.

. For detailed information about the desired learning outcomes visit the Math 438 Wiki page.

MATH 439 - Modeling with Dynamics and Control 2 Laboratory

Course Information

Teaching Area (new)
MATH

Course Number
439

Teaching Area
MATH

Course Title
Modeling with Dynamics and Control 2 Laboratory

Course Description
Using and developing software for problems in the calculus of variations, stochastic differential equations, and stochastic optimal control. Developing models and applying the results of computations to several application domains.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 437 - Modeling with Dynamics and Control 1 Laboratory

Other Prerequisites
concurrent enrollment in Math 438.

Learning Outcomes

Title
Real World Applications

Tags
204937, 1

Learning Outcome
Students will be able to model many real-world applications effectively using the concepts covered in Math 438. They will be able to use commercial software to do the computations that are central to these concepts, and will be able to interpret and apply the results of those computations in the contexts in which the models originated, including the handling of large datasets.

MATH 447 - Introduction to Partial Differential Equations

Course Information

Teaching Area (new)
MATH

Course Number
447

Teaching Area
MATH

Course Title
Introduction to Partial Differential Equations

Course Description
Introduction to the theory of partial differential equations: modeling phenomena, finding solutions, properties of solutions, and approximating solutions.

Department
Mathematics

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables
  AND MATH 334 - Ordinary Differential Equations

Learning Outcomes

Title
Boundary value problems; transform methods; etc.

Tags
204940, 1

Learning Outcome
The main purpose of this course is to teach students how to solve the canonical linear second-order partial differential equations on simple domains. Secondarily, students should be introduced to the theory concerning the validity of such solutions. For more detailed information visit the Math 447 Wikipage.

MATH 451 - Introduction to Topology

Course Information

Teaching Area (new)
MATH

Course Number
451

Teaching Area
MATH

Course Title
Introduction to Topology

Course Description
Introduction to general topology: open sets and topologies, metric spaces, continuity, connectedness and local connectedness, separation axioms, compactness and local compactness, existence and extensions of continuous functions, topologies on product spaces.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Math 341 and Math 342 or equivalents

Learning Outcomes

Title
Develop topological concepts

Tags
204942, 1

Learning Outcome
Developing topological concepts, beginning from a linear setting. Developing proofs or counterexamples from axioms to a structured sequence of topological propositions using only notes provided. For more detailed information visit the Math 451 Wiki page.

MATH 465 - Differential Geometry

Course Information

Teaching Area (new)
MATH

Course Number
465

Teaching Area
MATH

Course Title
Differential Geometry

Course Description
Geometry of smooth curves and surfaces. Topics include the first and second fundamental forms, the Gauss map, orientability of surfaces, Gaussian and mean curvature, geodesics, minimal surfaces and the Gauss-Bonnet Theorem.

Department
Mathematics

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables

Other Prerequisites
Math 341 or equivalent.

Recommended
Math 342 or equivalent

Learning Outcomes

Title
Geometry of smooth curves and surfaces.

Tags
204943, 1

Learning Outcome
The main purpose of this course is to provide students with an understanding of the geometry of curves and surfaces, with the focus being on the theoretical and logical foundations of differential geometry. For more detailed information visit the Math 465 Wiki page.

MATH 473 - Group Representation Theory

Course Information

Teaching Area (new)
MATH

Course Number
473

Teaching Area
MATH

Course Title
Group Representation Theory

Course Description
FG-modules; Maschke's theorem; Schur's lemma; characters of groups; orthogonality relations of characters; induced, lifted and restricted characters; construction of character tables; Burnside's theorem.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 371 - Abstract Algebra 1.

Learning Outcomes

Title
A second course in abstract algebra; representation theory

Tags
204944, 0

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 473 Wiki page.

MATH 485 - Mathematical Cryptography

Course Information

Teaching Area (new)
MATH

Course Number
485

Teaching Area
MATH

Course Title
Mathematical Cryptography

Course Description
A mathematical introduction to some of the high points of modern cryptography.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MATH 213 - Elementary Linear Algebra

Recommended
Math 371

Learning Outcomes

Title
A mathematical introduction to modern cryptography

Tags
204860, 1

Learning Outcome
Students should know the definitions, being familiar with standard examples, and being able to solve mathematical and algorithmic problems by directly using the material taught in the course. This includes appropriate use of Maple, Mathematica, or another appropriate computing language. For more detailed information visit the Math 485 Wiki page.

MATH 487 - Number Theory

Course Information

Teaching Area (new)
MATH

Course Number
487

Teaching Area
MATH

Course Title
Number Theory

Course Description
Foundations; congruences; quadratic reciprocity; unique factorization, prime distribution or Diophantine equations.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 371 - Abstract Algebra 1.

Learning Outcomes

Title
A first course in number theory

Tags
204945, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the below concepts, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit Math 487 Wiki page.

MATH 495R - Readings in Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
495R

Teaching Area
MATH

Course Title
Readings in Mathematics

Course Description
Directed readings beyond the scope of usual undergraduate courses.

Department
Mathematics

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Increase in Mathematical Expertise

Tags
204812, 1

Learning Outcome
To be defined by the professor on a case-by-case basis. In general, a significant, coherent set of readings will be defined, and the student's base of mathematical knowledge and expertise will increase in notable, measurable ways.

MATH 500 - (Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
MATH

Course Number
500

Teaching Area
MATH

Course Title
(Math-Chem-C S-Geol-MthEd-Phscs-Stat) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

MATH 502 - Job Search Strategies

Course Information

Teaching Area (new)
MATH

Course Number
502

Teaching Area
MATH

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Mathematics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

MATH 510 - Numerical Methods for Linear Algebra

Course Information

Teaching Area (new)
MATH

Course Number
510

Teaching Area
MATH

Course Title
Numerical Methods for Linear Algebra

Course Description
Numerical matrix algebra, orthogonalization and least squares methods, unsymmetric and symmetric eigenvalue problems, iterative methods, advanced solvers for partial differential equations.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Overview

Tags
204946, 2

Learning Outcome
This course is designed to prepare students to solve linear algebra problems arising from many applications such as mathematical models of physical or engineering processes. Students are introduced to modern concepts and methodologies in numerical linear algebra, with particular emphasis on the methods that can be used to solve very large-scale problems. In-depth discussion of theoretical aspects such as stability and convergence will be used to enhance student understanding of the numerical methods. Students will also be required to perform some programming and computation so as to gain experience in implementing and observing the numerical performance of the various numerical methods. For more detailed information visit the Math 510 Wiki page.

Title
Learning Outcomes

Tags
204966, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

MATH 511 - Numerical Methods for Partial Differential Equations

Course Information

Teaching Area (new)
MATH

Course Number
511

Teaching Area
MATH

Course Title
Numerical Methods for Partial Differential Equations

Course Description
Finite difference and finite volume methods for partial differential equations. Stability, consistency, and convergence theory.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 303 or 447; 410; or equivalents

Learning Outcomes

Title
Overview

Tags
204951, 2

Learning Outcome
This course is designed to prepare students to solve mathematical models represented by initial or boundary value problems involving partial differential equations that cannot be solved directly using standard mathematical techniques but are amenable to a computational approach. Numerical solution of partial differential equations has important applications in many application areas. Students are introduced to the discretization methodologies, with particular emphasis on the finite difference method, that allows the construction of accurate and stable numerical schemes. In-depth discussion of theoretical aspects such as stability analysis and convergence will be used to enhance the students' understanding of the numerical methods. Students will also be required to perform some programming and computation so as to gain experience in implementing the schemes and to be able to observe the numerical performance of the various numerical methods. For more detailed information visit the Math 511 Wiki page

Title
Learning Outcomes

Tags
204967, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

MATH 513R - Advanced Topics in Applied Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
513R

Teaching Area
MATH

Course Title
Advanced Topics in Applied Mathematics

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Learning Outcomes

Tags
204968, 1

Learning Outcome
Students should gain a familiarity with a particular area of applied mathematics selected by the instructor. In general, a significant, coherent set of readings will be defined, and the student's base of mathematical knowledge and expertise will increase in notable, measurable ways. The students are expected to demonstrate mastery of the material in a manner that is acceptable to the professor. Further information can be found on the Math 513R Wiki page

MATH 521 - Classical Methods of Applied Mathematics

Course Information

Teaching Area (new)
MATH

Course Number
521

Teaching Area
MATH

Course Title
Classical Methods of Applied Mathematics

Course Description
Classical techniques in applied mathematics and their application to specific problems. The primary focus is on dimensional analysis and asymptotic methods for differential equations as well as asymptotic evaluation of integrals.

Department
Mathematics

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 334. Math 436 or Math 447 or equivalent.

Learning Outcomes

Title
Apply

Tags
213988, 0, 1, 2023-08-29 10:45:40

Learning Outcome
Students will be able to apply classical mathematical techniques to appropriate phenomena.

Title
Solve

Tags
213989, 0, 2, 2023-08-29 10:45:42

Learning Outcome
Students will be able to solve problems using classical mathematical techniques.

Title
Estimate

Tags
213990, 0, 3, 2023-08-29 10:45:45

Learning Outcome
Students will be able to estimate various phenomena using asymptotic methods.

MATH 522 - Mathematical Foundations of Deep Learning

Course Information

Teaching Area (new)
MATH

Course Number
522

Teaching Area
MATH

Course Title
Mathematical Foundations of Deep Learning

Course Description
Mathematics necessary to understand how deep neural networks are formulated and designed. Analyzing the stability, generalizability, and potential extension of neural networks to new datasets.

Department
Mathematics

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 213, Math 215, and Math 314. C S 111 or equivalent. Math 402 or 431 or equivalent.

Learning Outcomes

Title
Compute

Tags
213991, 0, 1, 2023-08-29 10:45:48

Learning Outcome
Students will be able to write programs and utilize existing libraries to implement deep neural networks.

Title
Explore

Tags
213992, 0, 2, 2023-08-29 10:45:50

Learning Outcome
Students will explore recent progress in analyzing the stability, generalizability, and potential extension of neural networks to new datasets.

MATH 525 - Network Theory

Course Information

Teaching Area (new)
MATH

Course Number
525

Teaching Area
MATH

Course Title
Network Theory

Course Description
Representing networks mathematically. Measures and metrics, computer algorithms, random graphs, and large-scale structures. Percolation and network resilience. Dynamical systems on networks.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 413 or Math 334 (or concurrent enrollment).

Recommended
Math 521

MATH 532 - Complex Analysis

Course Information

Teaching Area (new)
MATH

Course Number
532

Teaching Area
MATH

Course Title
Complex Analysis

Course Description
Introduction to theory of complex analysis at beginning graduate level. Topics: Cauchy integral equations, Riemann surfaces, Picard's theorem, etc.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 352 or instructor's consent

Learning Outcomes

Title
Overview

Tags
204954, 2

Learning Outcome
Essential results: Power series, integration along curves, Goursat theorem, Cauchy's theorem in a disc, Taylor series, Morera's theorem, singularities, residue calculus, Laurent series, argument principle, harmonic functions, maximum modulus principle.
Entire functions: Jensen's formula, functions of finite order, Weierstrass infinite products, Hadamard factorization theorem.
The gamma and zeta functions: Analytic continuation of gamma function, further properties of Γ, functional equation and analytic continuation of zeta function.
Conformal mappings: Conformal equivalence, Schwarz lemma, Montel's theorem, Riemann mapping theorem.
Elliptic Functions: Liouville's Theorems, poles and zeros of elliptic functions, Weierstrass elliptic functions.
For more detailed information visit th Math 532 Wiki page.

Title
Learning Outcomes

Tags
204971, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

MATH 534 - Introduction to Dynamical Systems 1

Course Information

Teaching Area (new)
MATH

Course Number
534

Teaching Area
MATH

Course Title
Introduction to Dynamical Systems 1

Course Description
Discrete dynamical systems; iterations of maps on the line and the plane; bifurcation theory; chaos, Julia sets, and fractals. Computational experimentation.

Department
Mathematics

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 334, 341; or equivalents

Recommended
Math 352

Learning Outcomes

Title
Overview

Tags
204883, 2

Learning Outcome
Discrete dynamical systems; iterations of maps on the line and the plane; bifurcation theory; chaos, Julia sets, and fractals. Computational experimentation.

Title
Learning Outcomes

Tags
204972, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 534 Wiki Page.

MATH 536 - Applied Discrete Probability

Course Information

Teaching Area (new)
MATH

Course Number
536

Teaching Area
MATH

Course Title
Applied Discrete Probability

Course Description
Rigorous probability without the use of measure theory. Intensive study of finite and countable probability spaces. Applications to particle statistics, random walks, Markov decision processes, information theory, and asset pricing.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 341

Learning Outcomes

Title
Prove

Tags
213993, 0, 1, 2023-08-29 10:45:55

Learning Outcome
Students will be able to prove major theorems from the theory of probability on countable spaces, and be able to perform similar derivations.

Title
Calculate

Tags
213994, 0, 2, 2023-08-29 10:45:56

Learning Outcome
Students will be able to calculate probabilistic quantities in the context of countable probability spaces.

Title
Explain

Tags
213995, 0, 3, 2023-08-29 10:45:57

Learning Outcome
Students will be able to provide intuitive explanations of major probability concepts.

Title
Model

Tags
213996, 0, 4, 2023-08-29 10:45:59

Learning Outcome
Students will be able to appropriately model various phenomenon probabilistically.

MATH 540 - Linear Analysis

Course Information

Teaching Area (new)
MATH

Course Number
540

Teaching Area
MATH

Course Title
Linear Analysis

Course Description
Normed vector spaces and linear maps between them.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Math 342 or equivalent; Math 352

Learning Outcomes

Title
Overview

Tags
204955, 2

Learning Outcome
Normed spaces: Basics, Banach spaces, Special linear operators, Duality, Adjoints of bounded linear operators, Second duals, Weak and weak-star topologies, Banach-Alaoglu theorem, Finite-dimensional spaces, Baire category theorem, Hahn-Banach extension theorem, Banach-Steinhaus theorem, Open mapping theorem, Closed graph theorem, Bounded inverse theorem
Inner product spaces: Basics, Structure, and important theorems.
Spectral theory: Banach algebras, Bounded operators on Banach spaces, Compact operators on Banach spaces.

Title
Learning Outcomes

Tags
204973, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 540 Wiki page.

MATH 541 - Real Analysis

Course Information

Teaching Area (new)
MATH

Course Number
541

Teaching Area
MATH

Course Title
Real Analysis

Course Description
An introduction to abstract measure and Lebesgue integration theory.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 341; Math 314 or Math 342; or equivalents.

Learning Outcomes

Title
Overview

Tags
204884, 2

Learning Outcome
Lebesgue measure on Rn
Lebesgue integration on Rn
Fubini's Theorem for Rn
L1, L2, and L∞
Fourier transform on Rn

Title
Learning Outcomes

Tags
204974, 1

Learning Outcome
Students should understand the topics outlined in the minimal learning outcomes on the Math 541 Wiki page. As evidence of that understanding, students should be able to demonstrate mastery of all relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the content of the major theorems, understanding of the ideas in their proofs, and ability to make direct application of those results to related problems.

MATH 547 - Modeling and Analysis of Partial Differential Equations

Course Information

Teaching Area (new)
MATH

Course Number
547

Teaching Area
MATH

Course Title
Modeling and Analysis of Partial Differential Equations

Course Description
Methods for modeling and analyzing partial differential equations.

Department
Mathematics

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 334, 342; or equivalents

Recommended
Math 352

Learning Outcomes

Title
Overview

Tags
204887, 1

Learning Outcome
General Cauchy problem
Method of characteristics for first-order equations
Quasilinear systems of conservation laws on a line
Classification of general second-order equations
Canonical forms for semilinear second-order equations
Hyperbolic equations
Elliptic equations
Parabolic equations

Title
Learning Outcomes

Tags
204976, 0

Learning Outcome
Students should understand the topics listed in the minimal learning outcomes on the Math 547 Wiki page. As evidence of that understanding, students should be able to demonstrate mastery of all relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the content of the major theorems, and ability to make direct application of those results to related problems, including calculations.

MATH 553 - Foundations of Topology 1

Course Information

Teaching Area (new)
MATH

Course Number
553

Teaching Area
MATH

Course Title
Foundations of Topology 1

Course Description
An introduction to the topology of the plane and algebraic topology: simplicial complexes, CW-complexes, the fundamental group, classification of covering spaces, homotopy, Seifer-van Kampen Theorem, Jordan Curve Theorem, and Invariance of Domain.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 341 or equivalent.

Learning Outcomes

Title
Overview

Tags
204888, 2

Learning Outcome

Set Theory
Topological Spaces
Continuous Functions
Connectedness
Compactness
Tychonoff Theorem
Countability and Separation Axioms
Countable basis
Countable dense subsets
Normal spaces
Urysohn Lemma
Tietze Extension Theorem
Metrization
Complete Metric Spaces

Title
Learning Outcomes

Tags
204977, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 553 Wiki page.

MATH 554 - Foundations of Topology 2

Course Information

Teaching Area (new)
MATH

Course Number
554

Teaching Area
MATH

Course Title
Foundations of Topology 2

Course Description
An introduction to the topology of manifolds with particular emphasis on low dimensions: topological and smooth manifolds; smooth maps; tangent spaces; vector fields and flows; Sard's Theorem; Morse Theory; classification of compact manifolds in dimensions 1 and 2; and theory of 3 dimensional manifolds.

Department
Mathematics

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 553 or instructor's consent

Learning Outcomes

Title
Overview

Tags
204957, 2

Learning Outcome

The Fundamental Group
The topology of the plane
Jordan Curve Theorem
Seifert-van Kampen Theorem
Classification of Surfaces
Classification of Covering Spaces
Group Theory
Free groups
Free abelian groups
Presentations of groups
Subgroups of free groups

Title
Learning Outcomes

Tags
204978, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 554 Wiki page.

MATH 561 - Introduction to Algebraic Geometry 1.

Course Information

Teaching Area (new)
MATH

Course Number
561

Teaching Area
MATH

Course Title
Introduction to Algebraic Geometry 1.

Course Description
Basic definitions and theorems on affine, projective, and quasi-projective varieties.

Department
Mathematics

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 571 or concurrent enrollment.

Learning Outcomes

Title
Overview

Tags
204889, 2

Learning Outcome

Algebraic plane curves
Rational curves
Relation with field theory
Rational maps
Singular and nonsingular points
Projective spaces
Affine varieties
Affine space and the Zariski topology
Regular functions
Regular maps
The Zariski topology on projective space
Products and maps of quasi-projective space
Properness of projective maps
Dimension.

Title
Learning Outcomes

Tags
204979, 1

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes on the Math 561 Wiki page. This means they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

MATH 562 - Introduction to Algebraic Geometry 2.

Course Information

Teaching Area (new)
MATH

Course Number
562

Teaching Area
MATH

Course Title
Introduction to Algebraic Geometry 2.

Course Description
Local properties of quasi-projective varieties. Divisors and differential forms.

Department
Mathematics

When Taught
Winter Odd Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 561

Learning Outcomes

Title
Overview

Tags
204890, 1

Learning Outcome

Local properties of algebraic varieties
Power series expansions
Properties of nonsingular points
Birational maps
Normal varieties and normalization
Divisors
Differential forms

Title
Learning Outcomes

Tags
204980, 1

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes section of the Math 562 Wiki page. This means they should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor.

MATH 565 - Differential Geometry

Course Information

Teaching Area (new)
MATH

Course Number
565

Teaching Area
MATH

Course Title
Differential Geometry

Course Description
A rigorous treatment of the theory of differential geometry.

Department
Mathematics

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 342 or equivalent

Learning Outcomes

Title
Overview

Tags
204891, 2

Learning Outcome

Differential topology
Riemannian metrics
Geodesics
Curvature
Integration on manifolds

Title
Learning Outcomes

Tags
204981, 1

Learning Outcome
Students should achieve mastery of the topics listed in the minimal learning outcomes section of the Math 565 Wiki page. This means that they should know all relevant definitions, full statements of the major theorems, and examples of the various concepts. Further, students should be able to solve non-trivial problems related to these concepts, and prove theorems in analogy to proofs given by the instructor.

MATH 570 - Matrix Analysis

Course Information

Teaching Area (new)
MATH

Course Number
570

Teaching Area
MATH

Course Title
Matrix Analysis

Course Description
Special classes of matrices, canonical forms, matrix and vector norms, localization of eigenvalues, matrix functions, applications.

Department
Mathematics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 213 or 302 or equivalent.

Recommended
Math 344 or 413.

Learning Outcomes

Title
Overview

Tags
204892, 2

Learning Outcome
Matrix arithmetic and Linear transformations, The theory of determinants , Rank of a matrix and elementary matrices, Spectral theory, Shur's theorem, Quadratic forms and second derivative test, Gerschgorin's theorem, Abstract vector spaces and general fields, Axioms, Subspaces and bases, Matrix of a linear transformation, Rotations, Eigenvalues and eigenvectors of linear transformations, Jordan Cannonical form and applications, Cayley Hamilton theorem, Markov chains, Regular Markov matrices, Inner product spaces, Gramm Schmidt process, Tensor product of vectors, Least squares, Fredholm alternative, Determinants and volume, Self adjoint operators, Simultaneous diagonalization, Spectral theory, Singular value decomposition, The Frobenius norm, Least squares and the Moore Penrose inverse, Norms for finite dimensional vector spaces, The p norms,

Title
Learning Outcomes

Tags
204982, 1

Learning Outcome
The minimal learning outcomes section of the Math 570 Wiki page outlines material which all students in Math 570 should understand. As evidence of that understanding, students should be able to demonstrate mastery of relevant vocabulary, familiarity with common examples and counterexamples, knowledge of the major theorems, understanding of the ideas in their proofs, and ability to make direct application of those results to related problems.

MATH 571 - Algebra 1

Course Information

Teaching Area (new)
MATH

Course Number
571

Teaching Area
MATH

Course Title
Algebra 1

Course Description
Group theory, ring theory.

Department
Mathematics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 372 or equivalent.

Learning Outcomes

Title
Overview

Tags
204893, 1

Learning Outcome

Group Theory
Ring Theory
Module Theory

Title
Learning Outcomes

Tags
204983, 1

Learning Outcome
Students should achieve an advanced mastery of the topics listed in the minimal learning outcomes section of the Math 571 Wiki page. This means that they should know all relevant definitions, correct statements and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving difficult problems related to this content, and by proving theorems about these important concepts, even if the theorems go beyond the material in the text.

MATH 572 - Algebra 2

Course Information

Teaching Area (new)
MATH

Course Number
572

Teaching Area
MATH

Course Title
Algebra 2

Course Description
Modules, vector spaces, field theory, Galois theory.

Department
Mathematics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 571 - Algebra 1

Learning Outcomes

Title
Overview

Tags
204894, 1

Learning Outcome

Linear Algebra
Modules over PID's
Galois Theory

Title
Learning Outcomes

Tags
204984, 1

Learning Outcome
Students should achieve an advanced mastery of the topics listed in the minimal learning outcomes section of the Math 572 Wiki page. This means that they should know all relevant definitions, correct statements, and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts The students should be able to demonstrate their mastery by solving difficult problems related to these concepts, and by proving theorems about the below concepts, even if the theorems go beyond the material in the text.

MATH 586 - Introduction to Algebraic Number Theory

Course Information

Teaching Area (new)
MATH

Course Number
586

Teaching Area
MATH

Course Title
Introduction to Algebraic Number Theory

Course Description
Algebraic integers; different and discriminant; decomposition of primes; class group; Dirichlet unit theorem; Dedekind zeta function; cyclotomic fields; valuations; completions.

Department
Mathematics

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 372 or equivalent.

Learning Outcomes

Title
Overview

Tags
204895, 2

Learning Outcome

Number Fields
Prime decomposition in rings of integers
Ideal Class Group
Dirichlet's unit theorem
Cebotarev Density Theorem (Statement)
Dedekind zeta function

Title
Learning Outcomes

Tags
204985, 1

Learning Outcome
Students should achieve an advanced mastery of the topics listed on the 586 Math Wiki page. This means that they should know all relevant definitions, correct statements and proofs of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving difficult problems related to these concepts, and by proving theorems about the below concepts, even if the theorems go beyond the material in the text.

MATH 587 - Introduction to Analytic Number Theory

Course Information

Teaching Area (new)
MATH

Course Number
587

Teaching Area
MATH

Course Title
Introduction to Analytic Number Theory

Course Description
Arithmetical functions; distribution of primes; Dirichlet characters; Dirichlet's theorem; Gauss sums; primitive roots; Dirichlet L-functions; Riemann zeta-function; prime number theorem; partitions.

Department
Mathematics

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Math 352 or equivalent.

Learning Outcomes

Title
Overview

Tags
204896, 2

Learning Outcome

Arithmetic functions
Elementary theorems on distribution of prime numbers
Finite abelian groups and their characters
Dirichlet series and Euler product
The zeta function and the Dirichlet L-functions
Partitions

Title
Learning Outcomes

Tags
204986, 1

Learning Outcome
Students should know all relevant definitions, correct statements of the major theorems (including their hypotheses and limitations), and examples and non-examples of the various concepts. The students should be able to demonstrate their mastery by solving non-trivial problems related to these concepts, and by proving simple (but non-trivial) theorems about the concepts below, related to, but not identical to, statements proven by the text or instructor. For more detailed information visit the Math 587 Wiki page.

MAYA 100 - Language Study: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
100

Teaching Area
MAYA

Course Title
Language Study: Maya

Course Description
Survival-level conversation, reading, listening, and culture skills in the Maya.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197802, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197803, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197804, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MAYA 101 - First-Year Language Study: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
101

Teaching Area
MAYA

Course Title
First-Year Language Study: Maya

Course Description
Beginning speaking, listening, reading, and writing skills in Maya.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197805, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197806, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197807, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197808, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MAYA 102 - First-Year Language Study: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
102

Teaching Area
MAYA

Course Title
First-Year Language Study: Maya

Course Description
Second-semester speaking, listening, reading, and writing skills in Maya.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 101 - First-Year Language Study: Maya

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197809, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197810, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197811, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197812, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MAYA 201 - Second-Year Language Study: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
201

Teaching Area
MAYA

Course Title
Second-Year Language Study: Maya

Course Description
Intermediate speaking, listening, reading, and writing skills in Maya.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 102 - First-Year Language Study: Maya

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197813, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197814, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197815, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197816, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MAYA 202 - Second-Year Language Study: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
202

Teaching Area
MAYA

Course Title
Second-Year Language Study: Maya

Course Description
Continued emphasis on Maya communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 201 - Second-Year Language Study: Maya

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197817, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197818, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197819, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197820, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MAYA 305 - Language Skills Development: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
305

Teaching Area
MAYA

Course Title
Language Skills Development: Maya

Course Description
Increasing proficiency in one or more of the following Maya language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197821, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197822, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197823, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MAYA 321 - Advanced Grammar: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
321

Teaching Area
MAYA

Course Title
Advanced Grammar: Maya

Course Description
Systematic review of grammar and syntax of Maya.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 202 - Second-Year Language Study: Maya

Note
Teacher may waive prerequisite based on prior experience.

MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
330

Teaching Area
MAYA

Course Title
Advanced Language Proficiency Through Cultural Studies: Maya

Course Description
Study of Maya culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Maya 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197824, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197825, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197826, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197827, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MAYA 340 - Introduction to Literature: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
340

Teaching Area
MAYA

Course Title
Introduction to Literature: Maya

Course Description
Advanced study of Maya literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
197828, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197829, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197830, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197831, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MAYA 350 - Advanced Language Study for Career Purposes: Maya

Course Information

Teaching Area (new)
MAYA

Course Number
350

Teaching Area
MAYA

Course Title
Advanced Language Study for Career Purposes: Maya

Course Description
Concentration on Maya language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MAYA 330 - Advanced Language Proficiency Through Cultural Studies: Maya

Learning Outcomes

Title
Defined Career Purposes

Tags
197832, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197833, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197834, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197835, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197836, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MBA 500 - Career Development

Course Information

Course Number
500

Teaching Area
MBA

Course Title
Career Development

Course Description
Develop and fine-tune career management skills at an MBA level. Learn tools for strengthening personal brand, job search, and technological tools.

Department
Business

When Taught
Fall

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.25

Learning Outcomes

Title
Strengthen

Learning Outcome
Strengthen your “personal brand” and be able to show how you add value to your targeted company-- in what you say, how you talk about your experience, in your resume, etc.

Title
Understand and experience

Learning Outcome
Understand and experience the value of building and maintaining a career network.

Title
Build

Learning Outcome
Build a strong resume and LinkedIn profile that will attract interviews.

Title
Understanding Tools

Learning Outcome
Understand the tools and systems that will gain you access to the latest jobs and opportunities.

MBA 501 - Corporate Financial Reporting

Course Information

Teaching Area (new)
MBA

Course Number
501

Teaching Area
MBA

Course Title
Corporate Financial Reporting

Course Description
Introduction to concepts and issues of financial reporting with an emphasis on how financial statements reflect economic events.

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Time Management

Tags
176807, 9

Learning Outcome
Independently manage time and workload for a variety of tasks.

Title
Financial Statements

Tags
176842, 0

Learning Outcome
Construct and interpret both a balance sheet and an income statement.

Title
Solving Problems in a Group Setting.

Tags
176865, 6

Learning Outcome
Discuss accounting issues and solve accounting problems in a time-constrained group setting.

Title
Using Excel Spreadsheets

Tags
176871, 5

Learning Outcome
Construct and use simple Excel spreadsheets in a financial accounting setting.

Title
Statement of Cash Flows

Tags
176872, 1

Learning Outcome
Construct and interpret a statement of cash flows.

Title
Financial Accounting Internationalization

Tags
176879, 8

Learning Outcome
Track the ongoing internationalization of financial accounting.

Title
Ethical Problems

Tags
176915, 7

Learning Outcome
Intelligently discuss the ethical dimensions of a variety of accounting-related business problems.

Title
Applying Financial Accounting Rules

Tags
176918, 2

Learning Outcome
Apply the financial accounting rules that exist in the following areas.a. Revenue recognitionb. Inventoryc. Compensation (including pensions and options)d. Long-term assets (including impairment)e. Bondsf. Leases (including the financial ratio impact of operating leases)g. Stockholders’ equity (including accumulated other comprehensive income)h. Investment securities (including derivatives)i. Fair value accountingj. Foreign currency transactions and translation

Title
Time Value of Money

Tags
176921, 4

Learning Outcome
Employ the time value of money in a financial accounting context.

Title
Online Learning Resources

Tags
176924, 6

Learning Outcome
Be able to use online learning resources.

MBA 502 - Managerial Accounting 1

Course Information

Teaching Area (new)
MBA

Course Number
502

Teaching Area
MBA

Course Title
Managerial Accounting 1

Course Description
Objectives and procedures of cost accounting. Topics include job costing, joint product costing, cost behavior analysis, standard costs, cost allocation problems, and cost data use in management.

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Measures

Tags
176802, 0

Learning Outcome
Identify and tie together organization and performance measures

Title
Application

Tags
176804, 2

Learning Outcome
Critically evaluate traditional management accounting data to improve communication in support of management processes

Title
Data

Tags
176946, 1

Learning Outcome
Identify and organize relavent data that support decision making

MBA 505 - Leadership

Course Information

Teaching Area (new)
MBA

Course Number
505

Teaching Area
MBA

Course Title
Leadership

Course Description
Develop Christlike leadership abilities by learning and applying leadership theories, engaging in self-reflection, and practicing leadership skills.

Department
Business

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Christlike Leadership

Tags
176800, 4

Learning Outcome
Identify and emulate actions of Christlike leaders through a deeper understanding of the teachings of Jesus Christ in conjunction with leadership theories.

Title
Leadership Influence

Tags
176819, 5

Learning Outcome
Use leadership skills to inspire, influence, and understand the needs of others in your workplace and community

Title
Evidence-based Analysis

Tags
176836, 1

Learning Outcome
Analyze organizational realities from different theoretical perspectives and propose evidence-based and Christ centered courses of action.

Title
Personal Strength Identification and Development

Tags
176859, 0

Learning Outcome
Engage in self-reflection to build self-awareness, strengthen character, and commit to lifelong personal and professional development.

MBA 510 - Management and Information Technology

Course Information

Teaching Area (new)
MBA

Course Number
510

Teaching Area
MBA

Course Title
Management and Information Technology

Course Description
Management and control with information technology. Information flow, database design, and use applied to cost controls and managerial decision making.

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Evaluating IT Investments

Tags
176868, 1

Learning Outcome
Set priorities for activities in an IT function. Learn a structured process for evaluating potential systems investments.

Title
Analyze IT Outsourcing/Off-shoring

Tags
176923, 3

Learning Outcome
Analyze the pros and cons of IT outsourcing/off-shoring.

Title
Relevance of IT for Business Leaders

Tags
176929, 2

Learning Outcome
Describe the relevance of IT for business leaders.

Title
Strategic Planning Using IT

Tags
176947, 0

Learning Outcome
Take part in strategic planning using IT in business contexts where IT plays an important role. Understand the competitive implications of information technology.

MBA515 - Experience Design

Course Information

Course Number
515

Teaching Area
MBA

Course Title
Experience Design

Course Description
Methodologies to design and deliver high quality experiences focused on achieving specific outcomes by being curious, empathetic and creative.

Department
Business

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Learning Outcomes

Title
Curiosity and Creativity

Learning Outcome
Students will become more curious and creative as they redefine their personal concepts of curiosity and creativity and develop increased competence by engaging in a variety of individual and group projects.

Title
Conceptualize and Analyze Experiences

Learning Outcome
Students will be able to conceptualize and analyze experiences utilizing key experience design concepts such as structured experiences, experience phases, experience types, experiencescape elements, and experience related theories.

Title
Human Centered Design

Learning Outcome
Students will be able to apply the design thinking process to develop innovative solutions to address their most pressing personal and professional challenges.

Title
Experience Design

Learning Outcome
Students will be able to design intentional experiences using experience mapping, narrative structure, touchpoint design, and other experience-based tools.

Title
Christlike Design

Learning Outcome
Students will be able to integrate gospel methodology into their experience design work.

MBA 520 - Business Finance

Course Information

Teaching Area (new)
MBA

Course Number
520

Teaching Area
MBA

Course Title
Business Finance

Course Description
Short-term financing of a business operation. Developing techniques for financial planning, such as analysis of ratios, profitability, and liquidity.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Financing

Tags
176627, 2

Learning Outcome
Explain the various sources of financing, their associated costs, and their advantages and disadvantages.

Title
Pro Forma Statements

Tags
176628, 3

Learning Outcome
Calculate and use financial statements and ratios to analyze a business and create and use pro forma statements for planning and decision-making purposes

Title
Paper and Tangible Assets

Tags
176810, 0

Learning Outcome
Value paper assets (stocks and bonds) and tangible assets (capital budgeting) using the tools of time value of money, including NPV and IRR.

MBA 522 - Financial Modeling

Course Information

Teaching Area (new)
MBA

Course Number
522

Teaching Area
MBA

Course Title
Financial Modeling

Course Description
Use spreadsheets to value businesses and structure deals, including mergers and acquisitions, leverage buyouts, private equity, and venture capital; retrieve and interpret financial data; build discounted cash flow, market comparable, and precedent transaction valuation models.

Department
Business

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MBA 501 - Corporate Financial Reporting
  AND MBA 520 - Business Finance

OR

Prerequisites

Complete ALL of the following Courses:

- ACC 310 - Principles of Accounting 2
  AND FIN 401 - Advanced Financial Management

Learning Outcomes

Title
Valuation

Learning Outcome
Utilize various model types in an Excel-based financial model in order to value public companies.

Title
Data

Learning Outcome
Translate publicly available company data into a working, dynamic financial model in Excel.

Title
Scenario Analysis

Learning Outcome
Analyze impacts of different model scenarios and justify assumptions that drive a financial model.

Title
Advanced Excel

Learning Outcome
Demonstrate advanced use of Microsoft Excel, including extensive use of keyboard shortcuts, complex functions, and forecasting tools.

MBA525 - Financial Statement Analysis

Course Information

Course Number
525

Teaching Area
MBA

Course Title
Financial Statement Analysis

Course Description
Focus on using corporate financial statements to make business and investment decisions. Learn to use accounting information in a variety of decision contexts, including strategic ratio analysis, earnings quality analysis, credit risk analysis, building pro forma financial statements and security valuation. Emphasis will be given to practical applications and cultivating your analytical skills.

Department
Business

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Strategy

Tags
214003, 0, 1, 2023-08-29 10:50:58

Learning Outcome
Assess the firm and its strategy within the context of its industry.

Title
Analysis

Tags
214004, 0, 2, 2023-08-29 10:50:59

Learning Outcome
Analyze company performance and financial position using ratio analyses and other analytical procedures.

Title
Assess Quality

Tags
214005, 0, 3, 2023-08-29 10:51:01

Learning Outcome
Utilize the tools and techniques used to assess the “quality” of firms reported earnings and financial position.

Title
Financial information

Tags
214006, 0, 4, 2023-08-29 10:51:02

Learning Outcome
Application of financial information in equity markets.

Title
Forecast

Tags
214007, 0, 5, 2023-08-29 10:51:04

Learning Outcome
Develop the ability to forecast financial performance and to build pro forma financial statements.

Title
Communication

Tags
214008, 0, 6, 2023-08-29 10:51:06

Learning Outcome
Communicate the results of technical analyses verbally and in writing.

Title
Deal with Ambiguity

Tags
214009, 0, 7, 2023-08-29 10:51:07

Learning Outcome
Overcome “controlled” ambiguity.

MBA 529 - Strategic Logistics Management

Course Information

Teaching Area (new)
MBA

Course Number
529

Teaching Area
MBA

Course Title
Strategic Logistics Management

Course Description
Applying and integrating logistics-related topics, including materials management, physical distribution, inventory management, warehousing, logistics network design, customer service, packaging, and materials handling.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Ethical Behavior

Tags
176794, 5

Learning Outcome
Students will demonstrate the highest possible ethical behavior in completing all work.

Title
Strategic management

Tags
176826, 0

Learning Outcome
Students will be able to develop and implement strategic plans based on a firm'slogistics capabilities.

Title
Professionalism

Tags
176939, 4

Learning Outcome
Students will demonstrate appropriate managerial professionalism through responsible behavior,thorough work, and prompt action.

Title
International Logistics

Tags
176986, 2

Learning Outcome

Students will be able to plan and lead the execution of international logistics strategies in a global supply chain context.

Title
Managerial Skills

Tags
176987, 3

Learning Outcome

Students will demonstrate excellence in analyzing management problems, developing fact based solutions, communicating recommendations, and implementing plans.

Title
Network and Process Analysis

Tags
176988, 1

Learning Outcome

Students will be able to use analytical tools to simulate, analyze, and optimize global, supply chain networks and processes.

MBA 530 - Operations Management

Course Information

Teaching Area (new)
MBA

Course Number
530

Teaching Area
MBA

Course Title
Operations Management

Course Description
Examining issues and tools in production and operations management. Specific tools for forecasting, planning, inventory control, and project management presented and developed.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Principles of Production

Tags
177139, 1

Learning Outcome
Understand fundamental principles of production pertaining to capacity, variability, production flow, inventory, and so forth.

Title
Analyze Business Operations

Tags
177140, 2

Learning Outcome
Analyze business operations using basic quantitative analysis techniques.

Title
Apply Operations Principles

Tags
177141, 3

Learning Outcome
Apply operations principles in an actual business situation.

Title
Operations and Supply Chain Management

Tags
177148, 0

Learning Outcome
Managed operations and supply chain in a scientific manner

MBA 531 - Strategic Sourcing and Logistics Management

Course Information

Teaching Area (new)
MBA

Course Number
531

Teaching Area
MBA

Course Title
Strategic Sourcing and Logistics Management

Course Description
Applying and integrating sourcing and logistics-related topics, including: supplier selection, management, and development; cost analysis; total cost of ownership; contract management; category analysis; materials management; physical distribution; inventory management; warehousing; logistics network design; customer service; packaging; and materials handling.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
None

Tags
207215, 1

Learning Outcome
Students will be able to develop and implement strategic plans based on a firm's logistics capabilities and sourcing needs.

Title
None

Tags
207216, 2

Learning Outcome
Students will be able to use analytical tools to simulate, analyze, and optimize global, supply chain networks and processes.

Title
None

Tags
207217, 3

Learning Outcome
Students will be able to plan and lead the execution of international sourcing and logistics strategies in a global supply chain context.

Title
None

Tags
207218, 4

Learning Outcome
Students will demonstrate appropriate managerial professionalism through responsible ethical behavior.

MBA 532 - Strategic Sourcing

Course Information

Teaching Area (new)
MBA

Course Number
532

Teaching Area
MBA

Course Title
Strategic Sourcing

Course Description
Upstream supply chain activities of supplier selection, management, and development. Topics will include negotiations, costing, product development, and commodity analysis.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Ethical Behavior

Tags
176821, 0

Learning Outcome
Determine for yourself how to behave in an ethical manner as a purchasing manager.

Title
Supply Management Issues

Tags
176937, 2

Learning Outcome
Develop creative, strategic approaches to solving supply management issues.

Title
Purchasing Decisions

Tags
176960, 1

Learning Outcome
Evaluate purchasing decisions based on price and cost analysis.

MBA 535 - Leadership and the Gospel of Jesus Christ: Becoming a Disciple-Leader

Course Information

Teaching Area (new)
MBA

Course Number
535

Teaching Area
MBA

Course Title
Leadership and the Gospel of Jesus Christ: Becoming a Disciple-Leader

Course Description
The focus of this course is becoming a disciple-leader by realizing the power of the Gospel of Jesus Christ in your life and your leadership. You become a disciple-leader by learning deeply the Gospel of Jesus Christ and implementing its principles in your life and your leadership. In order to learn deeply in our study of leadership and Gospel doctrine and principles, we must 1) know and understand them in our minds; 2) understand and feel them in our hearts; 3) learn to take effective, righteous action based on them; and 4) incorporate them into our identity, character and being. \n

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MBA536 - Discipleship in Global Management

Course Information

Course Number
536

Teaching Area
MBA

Course Title
Discipleship in Global Management

Course Description
Deepening the understanding of our Savior and restored gospel while maintaining our discipleship by expanding knowledge and preparing to manage careers in a global environment.

Department
Business

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Learning Outcomes

Title
Learning

Tags
214010, 0, 1, 2023-08-29 10:51:09

Learning Outcome
Having a deeper understanding of church doctorines

Title
Sensitive

Tags
214011, 0, 2, 2023-08-29 10:51:10

Learning Outcome
Being able to discuss sensitive topics in a safe environment

Title
Execute

Tags
214012, 0, 3, 2023-08-29 10:51:12

Learning Outcome
Work in a global environment and maintain discipleship

MBA 537 - Change Management

Course Information

Teaching Area (new)
MBA

Course Number
537

Teaching Area
MBA

Course Title
Change Management

Course Description
Theory and practice of change in organizations.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Primarily for 1st year OBHR track MBA students to help them prepare for their internships. Other graduate students who are interested in change management are also welcome.

Learning Outcomes

Title
Diagnosing Performance

Tags
176989, 0

Learning Outcome
Diagnose the key characteristics of individuals, organizations, and organizational subunits that influence their performance

Title
Analyzing Performance Gaps

Tags
176990, 1

Learning Outcome
Investigate and identify the root causes of performance gaps at the individual, subunit, and organizational levels

Title
Improving Performance

Tags
176991, 2

Learning Outcome
Design interventions to ameliorate performance gaps and evaluate the likelihood that an intervention will successfully meet its objectives

Title
Evaluating Interventions

Tags
176992, 3

Learning Outcome
Evaluate the effectiveness of an intervention after implementation.

MBA 538 - Advanced People Analytics

Course Information

Course Number
538

Teaching Area
MBA

Course Title
Advanced People Analytics

Course Description
Examine how the use of data can improve people processes across the organization and the employee lifecycle. Focus on how managers can use analytics to make more effective people-related decisions.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Compelling Visualizations

Learning Outcome
Create compelling visualizations to illustrate the insights from people-related data and metrics

Title
People Decision Models

Learning Outcome
Model relationships among measures in the attraction, recruitment, selection, onboarding, training, performance management, engagement, and retention of employees

Title
Apply and Interpret Results to Make Decisions

Learning Outcome
Apply the results of an analytic model to inform decisions and make predictions about future outcomes

MBA 542 - Frameworks for Understanding Organizations

Course Information

Teaching Area (new)
MBA

Course Number
542

Teaching Area
MBA

Course Title
Frameworks for Understanding Organizations

Course Description
Learn and use multiple theoretical frames to understand and evaluate organizations in order to diagnose strengths and areas for improvement and to develop a course of action. Content, concepts, and theories related to both the micro (individual level) and macro (organizational level) aspects of organizational behavior.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MBA 543 - Oral Communication for Business Leaders

Course Information

Teaching Area (new)
MBA

Course Number
543

Teaching Area
MBA

Course Title
Oral Communication for Business Leaders

Course Description
Weekly professional seminar on presentation skills, interaction in social settings, and resolving workplace conflict. Highly experiential, skills-based course.

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Presentation Skills

Tags
207212, 1

Learning Outcome
Design and deliver presentations that are polished and professional by focusing on the message, the media, and the messenger.

Title
Social Interaction

Tags
207213, 2

Learning Outcome
Communicate clearly and confidently in professional social settings such as receptions and networking events.

Title
Resolving Workplace Conflict

Tags
207214, 3

Learning Outcome
Apply conflict-resolution strategies to effectively deliver feedback on an individual's performance.

MBA 544 - Team Management and Consultation

Course Information

Teaching Area (new)
MBA

Course Number
544

Teaching Area
MBA

Course Title
Team Management and Consultation

Course Description
Investigate the dynamics that make teams successful, analyze pitfalls of working in teams, and explore recommendations to improve team effectiveness. Identify and resolve common team challenges, both as team leaders and consultants to an external team.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Preparing managers for family/work issues

Tags
207193, 1

Learning Outcome
Effectively deal with work/family issues in the workplace.

Title
Academic Scholarship

Tags
207194, 2

Learning Outcome
Understand the distinguishing features of "academic scholarship."

Title
Theoretical Contribution

Tags
207195, 3

Learning Outcome
Understand what theory is and isn't and what constitutes a theoretical contribution.

Title
Role of Theory

Tags
207196, 4

Learning Outcome
Understand the role of theory in different kinds of scholarly investigations.

Title
Understanding work/family research

Tags
207197, 5

Learning Outcome
Be intelligent consumers of work/family research.

Title
Theoretical Argument Modeling

Tags
207198, 6

Learning Outcome
Model a theoretical argument.

Title
Teaching others to deal with work/family issues

Tags
207199, 7

Learning Outcome
Effectively teach others to deal with work/family issues in a variety of settings.

Title
Organizational Behavior Theory and Research

Tags
207200, 8

Learning Outcome
Understand the difference between behavior in organizations and behavior of organizations and the implications for organizational behavior theory and research.

MBA 546 - Human Resource Management Skills

Course Information

Teaching Area (new)
MBA

Course Number
546

Teaching Area
MBA

Course Title
Human Resource Management Skills

Course Description
Acquiring skills and competencies including selection, compensation, performance evaluation, training evaluation, organizational assessment, and research methodology.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Designing Training Programs

Tags
176752, 4

Learning Outcome
Assess training needs, design a training program, and evaluate it.

Title
Performance Evaluation System

Tags
176758, 3

Learning Outcome
Develop and implement a performance evaluation system.

Title
Human Resource Plan

Tags
176792, 1

Learning Outcome
Develop a human resource plan.

Title
Designing Compensation Systems

Tags
176798, 5

Learning Outcome
Design and implement a compensation system that is equitable, legal, motivating, and cost-benefit effective.

Title
Discrimination in Employment

Tags
176869, 0

Learning Outcome
Describe the legal restrictions governing discrimination in employment.

Title
Labor Relations

Tags
176893, 6

Learning Outcome
Explain the major labor relations laws and describe unfair labor practices.

Title
Recruitment Systems

Tags
176948, 2

Learning Outcome
Design a valid recruitment and selection system.

MBA 547 - Labor Relations and Employment Law

Course Information

Teaching Area (new)
MBA

Course Number
547

Teaching Area
MBA

Course Title
Labor Relations and Employment Law

Course Description
U.S./International labor/industrial relations. History, labor law, union organizing campaigns, contract negotiations, arbitration, union avoidance. Employment discrimination, work policies, and workplace safety and health.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Mapping the core issues in labor relations

Tags
177019, 1

Learning Outcome
Discuss the most dominant labor issues in the U.S. employment sector and how they affect employers and employees.

Title
Analyzing the legal landscape in employment law

Tags
177020, 2

Learning Outcome
Analyze the impacts of the major legal decisions related to labor relations from the year 2000 to the present.
Describe how they have affected labor practices in the workplace.

MBA 548 - Strategic Human Resource Management

Course Information

Teaching Area (new)
MBA

Course Number
548

Teaching Area
MBA

Course Title
Strategic Human Resource Management

Course Description
HRM from manager's perspective. Employment relationship, recruiting/selection, employment law, performance management, and HRM in emerging companies. Managing human assets within firm's strategy, industry, and stakeholder environment.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Employment Interview

Tags
176823, 0

Learning Outcome
The students will be able to design and carry out a valid employment interview.

Title
Provide Solutions

Tags
176883, 2

Learning Outcome
The student will be able to know how to analyze and provide critically evaluated solutions to organizational problems using a systematic approach.

Title
Understanding Compensation Systems

Tags
176927, 1

Learning Outcome
The student will be able to understand the strengths and weaknesses of various compensation systems.

Title
Systematic approaches for solutions to organizational problems

Tags
176993, 5

Learning Outcome
The student will be able to know how to analyze and provide critically evaluated solutions to organizational problems using a systematic approach.

Title
Strengths and weaknesses of compensation systems

Tags
177134, 4

Learning Outcome
The student will be able to understand the strengths and weaknesses of various compensation systems.

MBA 549R - Work and Family

Course Information

Teaching Area (new)
MBA

Course Number
549R

Teaching Area
MBA

Course Title
Work and Family

Course Description
Research and practical application related to successfully harmonizing one's family and work lives.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

MBA 549R - Professional Seminar in Organizational Behavior

Course Information

Teaching Area (new)
MBA

Course Number
549R

Teaching Area
MBA

Course Title
Professional Seminar in Organizational Behavior

Course Description
Business professionals, including HR leaders, facilitate discussions about cutting-edge challenges in Human Resource Management and organizational consulting. Topics may include, but are not limited to: talent acquisition, change management, HR's role in mergers and acquisitions, global HR issues, performance management, union/labor relations, leadership development, and aligning HR with business strategies.

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
3

MBA 550 - Marketing Management

Course Information

Teaching Area (new)
MBA

Course Number
550

Teaching Area
MBA

Course Title
Marketing Management

Course Description
Development of analytical marketing tools and techniques; their utilization in case analysis and decision making in marketing management.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
The 4 P's of Marketing

Tags
176629, 1

Learning Outcome
Apply the "4Ps" of the marketing mix to address marketing issues.

Title
Appropriate Marketing Actions

Tags
176630, 2

Learning Outcome
Decide on appropriate marketing actions based on an understanding of market segmentation, targeting and positioning.

Title
Marketing Research Methods

Tags
176631, 3

Learning Outcome
Apply basic marketing research methods to uncover consumer perceptions regarding product value and distinctive competencies.

Title
Marketing Strategy

Tags
176632, 4

Learning Outcome
Explain fundamental components of marketing strategy and how each is related to creating and sustaining customer value.

Title
Advanced Marketing Techniques

Tags
176633, 5

Learning Outcome
Explain the theory and application of advanced marketing techniques such as ZMET, Hierarchical Value Mapping, Perceptual Mapping, the Brand Design Schematic, and Conjoint Analysis.

MBA 553 - Pricing Strategies

Course Information

Teaching Area (new)
MBA

Course Number
553

Teaching Area
MBA

Course Title
Pricing Strategies

Course Description
Introduction to frameworks relevant for making pricing decisions. An integrative approach to pricing strategies combining strategic, economic, marketing, and psychological considerations.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
"Play to Strength"

Tags
176747, 3

Learning Outcome
Use hierarchical values maps to specify a “play to strength” marketing strategy.

Title
Conjoint Analysis

Tags
176787, 4

Learning Outcome
Use conjoint analysis to design a new product or service.

Title
Target Segments and Product Positioning.

Tags
176811, 2

Learning Outcome
Use factor analysis, partial correlation analysis, and means analysis to build quantitative hierarchical value maps to better understand the segment(s) we target and how to position product.

Title
Factor and Cluster Analysis

Tags
176849, 0

Learning Outcome
Use factor analysis and cluster analysis to uncover and understand the segments in a marketplace.

MBA 554 - Internet Marketing

Course Information

Teaching Area (new)
MBA

Course Number
554

Teaching Area
MBA

Course Title
Internet Marketing

Course Description
Marketing strategy for business on the internet: marketing research, sales, and promotional concepts.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MBA 555 - Marketing and Brand Insights Consulting

Course Information

Teaching Area (new)
MBA

Course Number
555

Teaching Area
MBA

Course Title
Marketing and Brand Insights Consulting

Course Description
Marketing consulting projects with real clients, from business development to project execution and delivery.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MBA 556 - Advertising and Promotion

Course Information

Teaching Area (new)
MBA

Course Number
556

Teaching Area
MBA

Course Title
Advertising and Promotion

Course Description
Key issues facing marketing managers when promoting products and services. Cases, readings, and research on the elements of effective communication strategies and promotional programs.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Creative Brief

Tags
176762, 1

Learning Outcome
Develop ability to create and communicate critical components of a creative brief.

Title
Marketing Communications

Tags
176796, 0

Learning Outcome
Develop critical skills to plan, develop, and evaluate marketing communications.

Title
Financial Impact

Tags
176820, 2

Learning Outcome
Become proficient in calculating the financial impact of marketing communications and trade promotions on the firm.

Title
Social, Legal, Ethical

Tags
176848, 3

Learning Outcome
Understand the social, legal, and ethical considerations involved in the promotional planning process.

MBA 560 - Business Analytics

Course Information

Teaching Area (new)
MBA

Course Number
560

Teaching Area
MBA

Course Title
Business Analytics

Course Description
This course helps novice analysts become good and good analysts better, empowering all students—even non–data scientists—to interpret reports, dive into analytics, and make informed, data-driven decisions for better business insights.

Department
Business

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Introduce Business Analytics

Learning Outcome
Understand how to apply various tools and techniques depending on the business problem and the data available

Title
Research Design

Learning Outcome
Demonstrate an ability to design research studies to address business problems

Title
Data Visualization

Learning Outcome
Use the appropriate data visualization technique to summarize and understand data

Title
Statistical Testing

Learning Outcome
Understand and use statistical testing as it applies to business problems

Title
Advanced Modeling

Learning Outcome
Create advanced statistical models such as regression, clustering, conjoint analysis, and text analytics

Title
Advanced Software

Learning Outcome
Use advanced data analytics software such as Microsoft Excel, Qualtrics, SQL, PowerBI, and AI-based analysis

MBA570 - Entrepreneurial Innovation

Course Information

Course Number
570

Teaching Area
MBA

Course Title
Entrepreneurial Innovation

Course Description
Management of the class of business problems characterized by uncertainty. Design and execute experiments to dispel uncertainty. Learning by experience with entrepreneurial innovations. Find an unknown need, solve it, and validate the innovation with target customers.

Department
Business

When Taught
Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Learning Outcomes

Title
Experiment

Tags
214013, 0, 1, 2023-08-29 10:51:13

Learning Outcome
Design and conduct experiments to dispel uncertainty about customer needs and solutions.

Title
Unknown Needs

Tags
214014, 0, 2, 2023-08-29 10:51:19

Learning Outcome
Gather ethnographic data about people and exercise empathy to identify unknown, unmet needs

Title
Creative Solutions

Tags
214015, 0, 3, 2023-08-29 10:51:21

Learning Outcome
Generate creative ideas for solutions to customer needs

Title
Prototype

Tags
214016, 0, 4, 2023-08-29 10:51:22

Learning Outcome
Test the efficacy of solutions to solve customer needs with prototypes

MBA572 - Entrepreneurial Analytics

Course Information

Course Number
572

Teaching Area
MBA

Course Title
Entrepreneurial Analytics

Course Description
Analysis of expected profitability of startups. Students collect and analyze data to estimate customer demand, cost, and profit and then make decisions to help startups profitably enter and compete in markets.

Department
Business

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Experiment

Tags
214017, 0, 1, 2023-08-29 10:51:24

Learning Outcome
Design and execute experiments to test hypotheses about customer pains and solution.

Title
Estimate expected profitability

Tags
214018, 0, 2, 2023-08-29 10:51:28

Learning Outcome
Calculate expected profitability of an innovation based on analysis of customer demand, revenue, cost, and competition.

Title
Launch / No launch

Tags
214019, 0, 3, 2023-08-29 10:51:29

Learning Outcome
Decide whether to launch a new venture based on analysis of profit and entry barriers.

MBA 574 - Creating the Virtuous Organization

Course Information

Teaching Area (new)
MBA

Course Number
574

Teaching Area
MBA

Course Title
Creating the Virtuous Organization

Course Description
This course explores the role of business in creating a Zion community, using the lens of organizational virtue as a starting point. Students will actively engage in creating thought leadership for incorporating principles of Zion-patterned governance in business and market institutions, as well as engaging readings on this topic from a variety of religious, scholarly, and popular sources. Students will apply their work to contemporary issues in the practice of business management and work to build a cohesive school of thought that can be shared with a variety of internal and external audiences.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MBA 580 - Business Strategy

Course Information

Teaching Area (new)
MBA

Course Number
580

Teaching Area
MBA

Course Title
Business Strategy

Course Description
Introduction to strategic planning; concepts, models, and analysis.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyzing Competitive Situations

Tags
176760, 1

Learning Outcome
Use strategy concepts and models of strategic management presented in class to analyze the competitive situation facing a firm.

Title
Achieving a Competitive Advantage

Tags
176845, 2

Learning Outcome
Apply the models of strategic management presented in the course to arrive at recommendations that will help organizations achieve and sustain competitive advantage.

Title
Communicating Conclusions

Tags
176854, 3

Learning Outcome
Persuasively communicate analytical conclusions and recommendations in verbal and written form.

Title
Role of the Business Leader

Tags
176952, 4

Learning Outcome
Appreciate the roles, responsibilities, and potential influence of business leaders in the strategy process.

Title
Models of Strategic Management

Tags
176976, 0

Learning Outcome
Understand the concepts and models of strategic management presented in the course.

MBA 581 - Competitive Strategy and Analysis

Course Information

Teaching Area (new)
MBA

Course Number
581

Teaching Area
MBA

Course Title
Competitive Strategy and Analysis

Course Description
The application of??various tools in micro-economic theory (demand, cost, production, oligopoly, game, etc.), strategic frameworks (strategic groups, portfolio analysis, diagnostic tools, etc.), and statistical analysis (regression, factor, cluster, etc.) to provide students with a broad exposure to the kinds of strategic analysis that yield key insights for managers engaged in the work of strategy. Applications fall into categories of competition, customers, costs, and capabilities.??Beyond the development of analytical skills, the course also aims to provide practice in delivering strategic insights to managers by assigning students to work on a project for a company of their choosing.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MBA 580; MBA 580; Previous or concurrent enrollment with MBA580

MBA 584 - Introduction to Global Management

Course Information

Teaching Area (new)
MBA

Course Number
584

Teaching Area
MBA

Course Title
Introduction to Global Management

Course Description
Global management frameworks such as national culture, the CAGE model of distances or differences (cultural, administrative, geographic and economic), a "flat" vs. "spiky" world, and applying such to functional areas of business (marketing, HR, finance, etc.).

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
CAGE Framework

Tags
207201, 1

Learning Outcome
Apply the leading frameworks of international business context, such as national culture, the CAGE model of distance, a "flat" vs. "spiky" world, as well as taxonomies of emerging/powerful markets such as BRIC, MIST/MINT countries, etc. Recognize and share current events in world business that illustrate this framework (and the content of the rest of the learning outcomes).

Title
Characteristics of a Global Industry

Tags
207202, 2

Learning Outcome
Understand the complexities of expansion, in general, into global markets--that is, the pitfalls and opportunities that companies face as they seek new, foreign customers for their products and services.

Title
Foreign Markets

Tags
207203, 3

Learning Outcome
Deepen and apply global learning to functional areas of business such as finance (e.g. foreign exchange), marketing (e.g. new product development worldwide), supply chain (e.g. outsourcing and offshoring) and human resource management (e.g. global teams and expatriate assignments). Understand how the concepts of culture, political systems, etc. apply to the various aspects of managing a business.

Title
Managing Multi-National Enterprises (MNE)

Tags
207204, 4

Learning Outcome
Integrate knowledge from other core courses in the MBA program that span across functional areas (e.g., ethics, strategy, etc.) to learn how global management fits into a "putting it all together" approach to running a cross-national enterprise.

MBA 588 - Healthcare Industry Dynamics

Course Information

Teaching Area (new)
MBA

Course Number
588

Teaching Area
MBA

Course Title
Healthcare Industry Dynamics

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the Healthcare Industry

Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

MBA 593R - Management Seminar

Course Information

Teaching Area (new)
MBA

Course Number
593R

Teaching Area
MBA

Course Title
Management Seminar

Course Description
Invited guests speak on topics of general management interest ranging from ethics, industry problems and opportunities, and government policies to relevant current events.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

MBA 595 - Razor's Edge: Intentional Principles for Leading and Thriving

Course Information

Teaching Area (new)
MBA

Course Number
595

Teaching Area
MBA

Course Title
Razor's Edge: Intentional Principles for Leading and Thriving

Course Description
Preparing students to intentionally thrive on three levels: 1) personally, 2) in their family, and 3) as business leaders. Review of the literature around the myths of happiness, and exploration of motivation (self-determination theory) and positive psychology (positive emotion, engagement, relationships, meaning and achievement). Implications of technology, nature, essentialism, GRIT, and physical and spiritual well-being. A 2-day learning adventure provides an experiential context to live and experience the principles studied in a real world context. Each student creates a plan to thrive.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Foundational Theories

Tags
207205, 1

Learning Outcome
Demonstrate a working knowledge of relevant theory and research in motivation and positive psychology.

Title
Applications

Tags
207206, 2

Learning Outcome
Apply principles from motivation and positive psychology to intentionally thrive on a personal, family and professional level.

Title
Implications

Tags
207207, 3

Learning Outcome
Become a leader who can intentionally create engaging work environments and thriving corporate cultures.

MBA 598R - Curricular Practical Training

Course Information

Teaching Area (new)
MBA

Course Number
598R

Teaching Area
MBA

Course Title
Curricular Practical Training

Course Description
Hands-on practical training for MBA international students to be taken after their first year of the MBA program.

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

MBA 599R - Academic Internship

Course Information

Course Number
599R

Teaching Area
MBA

Course Title
Academic Internship

Course Description
Supervised experience for MBA students in business-related work. Opportunity to connect learning with practical field application.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Application and approval required

Recommended
Visit BYU Marriott MBA Program in W437 TNRB

Note
An APPROVED Internship Application is required before adding. Students must contact the Internship Office immediately after registering to learn about class requirements.

Learning Outcomes

Title
Networking

Learning Outcome
Network with professionals and identify possible mentors.

Title
Enrich future course work

Learning Outcome
Return with experiences that will enrich future course work.

Title
Professional competence

Learning Outcome
Demonstrate professional competence and ability to complete assigned tasks and meet the company's expectations

MDT 161 - Voice Technique 1

Course Information

Teaching Area (new)
MDT

Course Number
161

Teaching Area
MDT

Course Title
Voice Technique 1

Course Description
Class instruction in voice technique.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance by audition to the MDT program

Note
MDT Majors only

MDT 221 - Musical Theatre Performance

Course Information

Teaching Area (new)
MDT

Course Number
221

Teaching Area
MDT

Course Title
Musical Theatre Performance

Course Description
Performance in a BYU Theatre musical.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
Audition required; MDT majors only.

MDT 229 - Musical Scene Study

Course Information

Teaching Area (new)
MDT

Course Number
229

Teaching Area
MDT

Course Title
Musical Scene Study

Course Description
In-depth study of different genres of musical theatre; text analysis, research, written assignments and performance.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- DANCE 140 - Contemporary Modern Dance, Beginning **AND** TMA 228 - Acting 2

OR

Prerequisites

Complete ALL of the following Courses:
- MUSIC 260R - Performance Instruction

OR

Prerequisites

Complete ALL of the following Courses:
- TMA 260R - Theatre Production

OR

Prerequisites

Complete ALL of the following Courses:
- TMA 222 - Voice Production and Phonetics 2

Other Prerequisites
BFA acting or BFA MDT major status. By audition only.

Learning Outcomes

Title
Musical Scene Study

Learning Outcome
Students will integrate during in-class performances skills in singing, dancing and acting.

MDT 290 - Music Theory for MDT Majors

Course Information

Teaching Area (new)
MDT

Course Number
290

Teaching Area
MDT

Course Title
Music Theory for MDT Majors

Course Description
Music theory, sight singing, aural dictation, and keyboard harmony.

Department
Theatre and Media Arts

When Taught
Winter.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 113 - Beginning Piano Techniques 1

Other Prerequisites
Music dance theatre (MDT) major status. Placement exam

Learning Outcomes

Title
Sight Reading

Learning Outcome
Students will confidently sight read any new piece of music placed in their hands.

Title
Piano Skills

Learning Outcome
Students will accompany themselves from the chord symbols in sheet music

Title
Accompanying Skills

Learning Outcome
Students will 'fill in" at the piano whenever the accompanist is absent.

Title
Accompaniment Styles

Learning Outcome
Students will create functional, pleasant accompaniments to their vocals using chord symbols.

Title
Self Confidence

Learning Outcome
Students will discover a new level of confidence based on increased competence.

Title
Class Discussion

Learning Outcome
Through class discussion students will examine BYU's core values and how they can be applied in future career paths.

MDT 300 - Musical Theatre History

Course Information

Teaching Area (new)
MDT

Course Number
300

Teaching Area
MDT

Course Title
Musical Theatre History

Course Description
Analysis of the form, evolution, and influence of music dance theatre in Western culture.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Recommended
Concurrent enrollment in MDT 300

MDT 329 - Performance Seminar

Course Information

Teaching Area (new)
MDT

Course Number
329

Teaching Area
MDT

Course Title
Performance Seminar

Course Description
The integration and performance of information gathered from careful research and analysis of movement style, script and score.

Department
Theatre and Media Arts

When Taught
Fall.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MDT 229 - Musical Scene Study
- MDT 290 - Music Theory for MDT Majors

Enroll in the following Courses:

- MUSIC 360R - Performance Instruction: Contemporary Voice

Other Prerequisites
BFA MDT major status

Learning Outcomes

Title
Outcome 1

Learning Outcome
Text analysis and performance: students will demonstrate their knowledge and contemporary response to historical performance practices in performance projects and presentations.

Title
Outcome 2

Learning Outcome
Self-directing: students will balance the demands of integrating introductory directing, music directing and choreography skills in performances.

Title
Outcome 3

Learning Outcome
Professionalism: students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

MDT 361 - Choreographic Styles

Course Information

Teaching Area (new)
MDT

Course Number
361

Teaching Area
MDT

Course Title
Choreographic Styles

Course Description
Physical and conceptual aspects of dance styles as they relate to music dance theatre.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- DANCE 231R - Jazz Dance Technique 1
  AND DANCE 235R - Tap Dance Technique 1
  AND DANCE 291R - Ballet Technique 1

Other Prerequisites
Music Dance Theatre major status

MDT 426 - BFA Senior Showcase

Course Information

Teaching Area (new)
MDT

Course Number
426

Teaching Area
MDT

Course Title
BFA Senior Showcase

Course Description
Participation in a BFA performance group culminating in a showcase for agents and directors in New York City during April.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
5

Other Prerequisites
MDT major status
Acting major status
Instructor Approval

ME EN 101 - Static Systems in Mechanical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
101

Teaching Area
ME EN

Course Title
Static Systems in Mechanical Engineering

Course Description
Analysis and design of static systems; real world problem solving; forces, moments, and vectors, equilibrium; external and internal forces; centroids and inertia; mechanical engineering fundamentals.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Learning Outcomes

Title
Forces and Moments

Tags
180755, 2

Learning Outcome
1. An understanding of forces and moments and an ability to perform mathematical manipulation of them using vector analysis.

Title
Free Body Diagrams

Tags
180756, 1

Learning Outcome
2. An ability to construct free-body diagrams and to calculate the reactions necessary to ensure static equilibrium for particles and rigid bodies.

Title
Systems of Forces and Moments

Tags
180757, 3

Learning Outcome
3. An understanding of the analysis of systems of forces and moments and distributed loads and an ability to determine internal forces and moments in members.

Title
Problem Solving

Tags
180758, 5

Learning Outcome
4. An ability to use a structured problem-solving approach (SAFER) to solve problems and use computing tools to explore solutions by changing variables.

Title
Calculating Centroids and Moments of Inertia

Tags
180759, 6

Learning Outcome
5. An ability to calculate centroids and moments of inertia of 2-D and 3-D objects.

Title
Friction

Tags
180761, 10

Learning Outcome
6. An understanding of friction and how to model it in static systems.

Title
Design Process

Tags
180828, 4

Learning Outcome
7. An understanding of the basic design process, including professional and ethical responsibilities, and an ability to apply that process to design, build, and test a static structure to meet competing constraints.

Title
Real World Applications

Tags
180829, 8

Learning Outcome
8. An ability to describe the ME EN Real-world Problem Solving Process and to transform real world scenarios (using the 5 P's) into analyzable statics problems.

Title
Communication

Tags
180830, 9

Learning Outcome
9. An ability to effectively communicate the results, and objectives of an engineering analysis or design to others through a full report using the IMRaD approach and to write a cohesive "Introduction."

Title
Mechanical Engineering Career Development

Tags
180760, 0, 7

Learning Outcome
10. An understanding of Mechanical Engineering as a discipline and how statics principles relate to core ME EN topics and to becoming an influential engineer.

ME EN 191 - New Student Seminar

Course Information

Teaching Area (new)
ME EN

Course Number
191

Teaching Area
ME EN

Course Title
New Student Seminar

Course Description
Topics of special interest to new mechanical engineering majors.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Required of all first-semester freshman and transfer students.

Learning Outcomes

Title
Discipline of ME

Tags
180831, 0

Learning Outcome
1. Students will be familiar with the discipline of mechanical engineering, including several sub-disciplines.

Title
Outcomes

Tags
180832, 1

Learning Outcome
2. Students will be familiar with the mechanical engineering program at BYU, including outcomes, advising opportunities, facilities and application process.

Title
Career Opportunities

Tags
180833, 2

Learning Outcome
3. Students will understand types of career opportunities in mechanical engineering and procedures for securing an internship.

Title
Design Process

Tags
180834, 3

Learning Outcome
4. Students will be introduced to the design process, including meeting customer needs from within the context of function, safety, aesthetics, manufacturability, etc.

Title
AIMS

Tags
180835, 4

Learning Outcome
5. Students will appreciate the value of being independent learners, taking responsibility for their education, and exemplifying the aims of a BYU education.

Title
Technical Writing

Tags
180836, 5

Learning Outcome
6. Students will be able to use the acronym IMRaD to describe the elements of technical writing.

ME EN 199R - Academic Internship: International Students

Course Information

Teaching Area (new)
ME EN

Course Number
199R

Teaching Area
ME EN

Course Title
Academic Internship: International Students

Course Description
Credit is given for the documentation of work done during during an internship that is approved and provides practical experience in Mechanical Engineering.

Department
Mechanical Engineering

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of both department internship coordinator and international office advisor.

Note
An APPROVED Internship Application required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

Learning Outcomes

Title
Converting Thought into Understanding

Tags
180556, 3

Learning Outcome
Student demonstrates the ability to use reflective thinking to convert professional experience into academic understanding.

Title
Professional Communication

Tags
180667, 2

Learning Outcome
Student demonstrates professional communication skills (report).

Title
Professional Experiences

Tags
180700, 1

Learning Outcome
Student acquires professional experiences in the discipline.

ME EN 204 - Dynamics

Course Information

Course Number
204

Teaching Area
ME EN

Course Title
Dynamics

Course Description
Concepts of dynamics applied to particles, systems of particles, rigid bodies, vibration systems, and nonrigid particle systems.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ME EN 101 - Static Systems in Mechanical Engineering

Learning Outcomes

Title
Kinematics of Particles

Tags
214020, 0, 1, 2023-08-29 10:51:38

Learning Outcome
1. Understand the kinematics of particles and analyze rectilinear and curvilinear particle motion using appropriate coordinate systems.

Title
Newton's Laws of Motion

Tags
214021, 0, 2, 2023-08-29 10:51:40

Learning Outcome
2. Understand and apply Newton's Laws to solve for the motion of particles and systems of particles in appropriate coordinate systems.

Title
Work and Energy

Tags
214022, 0, 3, 2023-08-29 10:51:41

Learning Outcome
3. Apply the principles of Work and Energy to solve problems involving particles and systems of particles.

Title
Impulse and Momentum

Tags
214023, 0, 4, 2023-08-29 10:51:43

Learning Outcome
4. Apply the principles of Impulse and Momentum to solve problems, including collisions of particles.

Title
Motion of Rigid Bodies

Tags
214024, 0, 5, 2023-08-29 10:51:45

Learning Outcome
5. Determine the motion of rigid bodies in translation, rotation about a fixed axis, and general planar motion.

Title
Real-world Application

Tags
214025, 0, 6, 2023-08-29 10:51:46

Learning Outcome
6. Apply the laws of dynamics to real-world engineering problems, and draw parallels with spiritual laws to bless your life and career.

Title
Technical Writing

Learning Outcome
7. Develop and write an effective methods section for a technical report.

ME EN 231 - Leadership in a Global Context

Course Information

Teaching Area (new)
ME EN

Course Number
231

Teaching Area
ME EN

Course Title
Leadership in a Global Context

Course Description
Principles of individual and organizational leadership in a global context. Emphasis on developing self-awareness, interpersonal skills, high-performance teams, integrity, vision and strategy. Driving forces for globalization. Valuing and leveraging diversity.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Sophomore standing strongly encouraged.

Learning Outcomes

Title
Leadership

Tags
209578, 0, 3

Learning Outcome
1. Describe the principles of the Christ-Centered Leadership Model and how they can be applied in their personal life and projected professional environment to further the AIMS of a BYU education.

Title
Professional Responsibility and Integrity

Tags
209579, 0, 4

Learning Outcome
2. Demonstrate an understanding of ethics, character, and professional responsibility and practice in their personal life and projected professional environment.

Title
Self-awareness

Tags
209580, 0, 5

Learning Outcome
3. Describe the importance of key interpersonal competencies (e.g. goal setting, effective verbal and written communication, conflict resolution, influencing others, team-building) necessary for leadership in personal and team contexts.

Title
Personality Types

Tags
209582, 0, 7

Learning Outcome
4. Apply and document a self-assessment process to understand their individual personality traits intrinsic preferences/biases, leadership strengths and weaknesses, personal leadership style, and how others perceive them.

Title
Interpersonal Skills

Tags
209583, 0, 8

Learning Outcome
5. Select one personal, one organizational, and one global awareness skill for improvement and describe how they assessed their progress.

Title
Team Development

Tags
209584, 0, 9

Learning Outcome
6. Practice CCL principles to communicate effectively with a range of audiences.

Title
Diversity

Tags
209585, 0, 10

Learning Outcome
7. Demonstrate an ability to function effectively on a team whose members together provide leadership, create a collaborative environment, establish goals, plan tasks, and meet objectives, contributing to a culture of mutual trust, commitment and accountability.

Title
Vision, Goals, Strategy, Plan

Tags
209586, 0, 11

Learning Outcome
8. Articulate the benefits of belonging, diversity, experience, and skills that individuals bring to a team.

Title
Globalization

Tags
209576, 0, 1

Learning Outcome
9. Describe how cultural factors shape leadership practices, communication, teamwork, and decision-making across global economic, environmental, and social context.

Title
Cultural Influences

Tags
209577, 0, 2

Learning Outcome
10. Understand and apply an appropriate social science process to collect, analyze, and interpret social or behavioral data while recognizing sources of bias that affect ethical decision-making.

ME EN 250 - Science of Engineering Materials

Course Information

Teaching Area (new)
ME EN

Course Number
250

Teaching Area
ME EN

Course Title
Science of Engineering Materials

Course Description
Principles and properties of solid materials and their behavior as applied to engineering.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
- MATH 112 - Calculus 1

Learning Outcomes

Title
General Material Characteristics

Tags
180510, 0

Learning Outcome
1. Describe the characteristic behaviors and uses of the primary classes of materials (metals, ceramics, polymers, composites)

Title
Structure-Property Relationships

Tags
180514, 2

Learning Outcome
2. Predict the impact that bonding, atomic structure, and defects will have on material properties.

Title
Mechanical Properties and Testing

Tags
180542, 5

Learning Outcome
3. Identify mechanical properties from a stress-strain diagram and describe how processing and changes in structure alter the stress-strain response.

Title
Failure Processes

Tags
180562, 4

Learning Outcome
4. Describe how each basic class of materials can fail by common processes, such as fracture, fatigue, or corrosion.

Title
Phase Diagrams

Tags
180598, 1

Learning Outcome
5. Determine the equilibrium mass fraction and phase compositions from a binary phase diagram and describe characteristics of the microstructure that is likely present.

Title
Phase Transformation

Tags
180698, 3

Learning Outcome
6. Describe how the rates of phase transformations in metals are affected by the processes of diffusion, nucleation, and growth.

Title
Real World Problems

Tags
180837, 7

Learning Outcome
7. Develop engineering problem statements for real-world materials problems using the BYU ME Problem Solving Process.

Title
Materials Selection

Tags
180838, 8

Learning Outcome
8. Select an appropriate material for a real-world application by identifying relevant material property requirements and materials that fulfill them.

Title
Influential Engineer

Tags
180734, 0, 6

Learning Outcome
9. Demonstrate the ability for lifelong service as an influential engineer by solving real world problems considering the economic, environmental and social impact of your decisions.

Title
Writing Communication

Learning Outcome
10. Present and interpret the results of materials data through high-quality figures, tables and lab reports.

ME EN 251 - Discovering the Field of Materials Science

Course Information

Teaching Area (new)
ME EN

Course Number
251

Teaching Area
ME EN

Course Title
Discovering the Field of Materials Science

Course Description
New: Interdisciplinary interactions within the materials science discipline. Mapping the path through a materials science minor. Exposure to facilities and experiential learning opportunities on campus. Preparation for post-baccalaureate employment or education in materials science.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
ME EN 250 or CH EN 378

Note
There are no pre-requisites needed for this course

ME EN 272 - Engineering Graphics--Principles and Applications

Course Information

Teaching Area (new)
ME EN

Course Number
272

Teaching Area
ME EN

Course Title
Engineering Graphics--Principles and Applications

Course Description
Comprehensive applications of CAD-based national (ANSI) and international (ISO) graphics standards, including coordinate and geometric dimensioning and tolerancing practices, manufacturing, and product verification procedures.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Me En professional program for Me En students; or non-Me En major in Engineering and Technology.

Learning Outcomes

Title
Modeling Techniques

Tags
180575, 7

Learning Outcome
1. Understand and use solid and surface modeling techniques found in a modern commercial CAD package.

Title
Create CAD Models

Tags
180614, 6

Learning Outcome
2. Create CAD models of parts/assemblies from Engineering Drawings.

Title
Design Using CAD

Tags
180653, 1

Learning Outcome
3. Use CAD to design and model complex parts/assemblies.

Title
Engineering Drawings

Tags
180762, 4

Learning Outcome
4. Understand, read and create engineering drawings composed of multiple views with standard dimensioning and tolerancing nomenclature.

Title
Mechanical Fits

Tags
180763, 3

Learning Outcome
5. Understand how mating parts should fit together and how to specify limits of fit on an engineering drawing.

Title
Top-Down and Bottom-Up Design

Tags
180764, 2

Learning Outcome
6. Understand and use top-down and bottom-up CAD modeling the approaches and processes used in component and assembly modeling.

Title
Collaboration

Tags
180765, 5

Learning Outcome
7. Collaborate with teammates to learn how to apply CAD tools to design modeling projects.

Title
Communication

Tags
180839, 8

Learning Outcome
8. Communicate the results from CAD work using design packages, renderings, annotated renderings, and animations.

Title
Divine Assistance

Learning Outcome
9. Learn to work in concert with divine assistance to creatively and efficiently accomplish difficult engineering design tasks.

Title
Lifelong Learning and Service

Learning Outcome
10. Understand how effective and thoughtful design can be used to meet the needs of specific groups of people.

ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
273

Teaching Area
ME EN

Course Title
Introduction to Scientific Computing and Computer-Aided Engineering

Course Description
Computer programming for engineers taught in context of solving physical systems using numerical methods. Student will program solutions using the C++ language, spreadsheets, symbolic solvers, etc.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2

Other Prerequisites
Math 302 or 314 or concurrent.

Learning Outcomes

Title
Linear Systems of Equations

Tags
180588, 3

Learning Outcome
3. Solve linear systems of equations using Gauss elimination, LU decomposition and/or matrix inversion. Understand the concept of matrix condition number.

Title
Modern Numerical Methods

Tags
180708, 2

Learning Outcome
2. Find roots of equations using various modern numerical methods.

Title
Basic Curve Fitting Algorithms

Tags
180714, 4

Learning Outcome
4. Be able to implement basic curve fitting algorithms, including least-squares regression.

Title
Role of Numerical Solutions

Tags
180720, 1

Learning Outcome
1. Understand the role of numerical solutions in the engineering process of design and analysis. Understand how integers and real numbers are stored inside the computer. Understand the limitations associated with numerical solutions, including accuracy due to approximations and round-off error.

Title
Methods for Approximating Derivatives

Tags
180766, 5

Learning Outcome
5. Implement forward and central difference methods for approximating derivatives and the trapezoidal and Simpson's 1/3 rule for numerical integration; estimate round-off and truncation error.

Title
Ordinary Differential Equations

Tags
180767, 6

Learning Outcome
6. Solve simple ordinary differential equations (initial value and boundary value problems) using basic numerical techniques.

Title
Fundamentals of Software Packages

Tags
180768, 8

Learning Outcome
8. Use commercially available software packages, including Excel and MATLAB, to perform basic numerical tasks (calculate equations, graph data, perform curve-fitting, solve linear systems of equations, and manipulate matrices).

Title
C++ Programming

Tags
180840, 7

Learning Outcome
7. Using C++, write programs which use control statements and looping constructs, employ 1D and 2D arrays, call functions, and read and write to data files. Understand classes and pointers at a basic level.

Title
Real World Applications Solving: Explore

Tags
180841, 9

Learning Outcome
9. Learn the BYU ME methodology for exploring the solution space of engineering problems.

Title
Written Communication

Tags
180842, 11

Learning Outcome
11. Effectively communicate the methods and results of scientific computing through extended abstracts or executive summaries.

Title
Real-world Problem Solving: Communicate

Tags
180843, 10

Learning Outcome
10. Be introduced to the importance of clear, concise, and convincing communication and apply these principles in technical reports.

ME EN 275 - Computational Methods in Engineering

Course Information

Course Number
275

Teaching Area
ME EN

Course Title
Computational Methods in Engineering

Course Description
Numerical methods and statistics for engineers, implemented using software and computer programming

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:
- MATH 113 - Calculus 2
  AND C S 110 - How to Program
- MATH 113 - Calculus 2
  AND C S 111 - Introduction to Computer Science

Other Prerequisites
Math 302 or Math 314 or concurrent

Learning Outcomes

Title
Title: Fundamentals of Numerical Methods

Tags
214026, 0, 1, 2023-08-29 10:51:57

Learning Outcome
1. Students will apply fundamental principles of numerical methods (including round-off error, truncation error, and convergence) and a knowledge of methodological advantages and limitations to solve engineering problems.

Title
Numerical Methods – Approximating Integrals and Derivatives

Tags
214027, 0, 2, 2023-08-29 10:51:59

Learning Outcome
2. Students will apply numerical methods fundamentals to appropriately compute approximations of integrals and derivatives.

Title
Numerical Methods – Solving Equations

Tags
214028, 0, 3, 2023-08-29 10:52:00

Learning Outcome
3. Students will apply numerical methods fundamentals to solve non-linear equations and systems of linear equations.

Title
Numerical Methods – Approximating Solutions of Ordinary Differential Equations

Tags
214029, 0, 4, 2023-08-29 10:52:02

Learning Outcome
4. Students will apply numerical methods fundamentals to appropriately compute approximate solutions to ordinary differential equations.

Title
Fundamentals of Statistics

Tags
214030, 0, 5, 2023-08-29 10:52:03

Learning Outcome
5. Students will apply fundamental concepts of statistics (including randomness and uncertainty) and a knowledge of methodological advantages and limitations to solve engineering problems.

Title
Statistics – Descriptions of Data

Tags
214031, 0, 6, 2023-08-29 10:52:04

Learning Outcome
6. Students will apply statistical fundamentals to appropriately describe data distributions using measures of central tendency, spread, and data visualization techniques.

Title
Statistics – Estimating Data Patterns

Tags
214032, 0, 7, 2023-08-29 10:52:06

Learning Outcome
7. Students will apply statistical fundamentals and generalized linear regression to obtain and assess least-squares approximations to data sets.

Title
Statistics – Estimating Statistical Significance

Tags
214033, 0, 8, 2023-08-29 10:52:08

Learning Outcome
8. Students will apply statistical fundamentals to calculate confidence intervals, perform basic hypothesis testing (t-test, paired t-test, etc.), and correctly interpret p-values.

Title
Programming Languages

Tags
214034, 0, 9, 2023-08-29 10:52:09

Learning Outcome
9. Using Excel, MATLAB, and Python, students will perform numerical/statistical analyses using their own code as well as packages/libraries while demonstrating best practices in programming techniques.

Title
Real-World Problem Solving – Explore

Tags
214035, 0, 10, 2023-08-29 10:52:10

Learning Outcome
10. Students will learn the BYU ME methodology for exploring the solution space of engineering problems.

Title
Real-World Problem Solving – Communicate

Tags
214036, 0, 11, 2023-08-29 10:52:15

Learning Outcome
11. Students will be introduced to the importance of clear, concise, and convincing communication and apply these principles by writing effective technical memos.

ME EN 291 - Job Finding Skills

Course Information

Teaching Area (new)
ME EN

Course Number
291

Teaching Area
ME EN

Course Title
Job Finding Skills

Course Description
The purpose of this course is to help students find success in life by learning detailed effective strategies for job finding. The course will teach students efficient techniques to obtain professional employment and will provide information on career planning, interviewing, and professionalism expected in the workplace, including ethics, diversity, and communications.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Major status required

ME EN 312 - Fluid Mechanics

Course Information

Teaching Area (new)
ME EN

Course Number
312

Teaching Area
ME EN

Course Title
Fluid Mechanics

Course Description
Physics and modeling of fluid flow; fluid statics, dimensional analysis, momentum, internal and external viscous flow, and fluid machinery.

Department
Mechanical Engineering

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2
  AND ME EN 321 - Thermodynamics
  AND ME EN 335 - Dynamic System Modeling and Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND ME EN 321 - Thermodynamics
  AND ME EN 335 - Dynamic System Modeling and Analysis

Learning Outcomes

Title
Fluid Properties

Tags
180459, 1

Learning Outcome
1. Understand viscosity as a fluid property and be able to compute shear stress involving Newtonian fluids. Understand the phenomena of surface tension and cavitation.

Title
Pressure in Fluids

Tags
180537, 0

Learning Outcome
2. Understand variation in pressure in a static gas or liquid, and be able to compute hydrostatic forces and moments.

Title
Flowing Fluids

Tags
180735, 2

Learning Outcome
3. Be able to evaluate the local, convective, and total acceleration and understand pressure distributions normal to and parallel to streamlines. Be able to appropriately apply Bernoulli's principle and recognize the limitations of it.

Title
Conservation of Mass

Tags
180736, 3

Learning Outcome
4. Be able to apply the integral form of the conservation of mass for steady and unsteady flow situations with uniform or two-dimensional velocity distributions. Recognize and be able to utilize the differential form of conservation of mass.

Title
Global Force/Momentum Balances

Tags
180737, 5

Learning Outcome
5. Be able to apply the integral form of the linear momentum principle and apply global force/momentum balances for stationary and constant velocity frames of reference with uniform or two-dimensional velocity distributions. Recognize the Navier-Stokes equations and solve them for simplified viscous flows.

Title
Dimensional Analysis

Tags
180738, 6

Learning Outcome
6. Be able to determine appropriate dimensionless variables for a given dynamical situation and predict prototype behavior based on similitude, and understand the pitfalls of modelling.

Title
Mechanical Energy Equation

Tags
180739, 7

Learning Outcome
7. Understand the mechanical energy equation and be able to apply it to laminar and turbulent flow with minor and major losses through pipe networks.

Title
Velocity Distributions, Form Drag and Flow Separation

Tags
208077, 9

Learning Outcome
8. Be able to model velocity distributions in flat plate boundary layers in laminar and turbulent flows and to predict skin friction drag. Understand the phenomena of flow separation and its impact on the total drag.

Title
Real World Problem Solving

Tags
208078, 8

Learning Outcome
9. Be able to benefit the world by ethically applying the principles of fluid dynamics through structured techniques (e.g. the 5 Ps of problem definition and SAFER) to solve real-world problems.

Title
Investigate Phenomena and Communicate Results

Tags
208079, 10

Learning Outcome
10. Be able to present results of fluid dynamic phenomena graphically in terms of appropriate dimensionless variables and effectively communicate results.

Title
Divine Assistance

Learning Outcome
11. Be able to recognize that the spirit can influence learning and engineering problem solving and that living gospel principles enables becoming influential engineers who embrace lifelong learning and service.

ME EN 321 - Thermodynamics

Course Information

Teaching Area (new)
ME EN

Course Number
321

Teaching Area
ME EN

Course Title
Thermodynamics

Course Description
Fundamentals of thermal energy and work; principle of state, conservation of mass, conservation of energy, increase of entropy principle; application to thermal and mechanical processes.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

Learning Outcomes

Title
Problem Solving

Tags
180846, 0, 1, 2019-09-03 12:19:25

Learning Outcome
1. Each student can use structured techniques to develop engineering problem statements based on real-world applications and to solve engineering problems.

Title
Writing

Tags
180847, 0, 2, 2019-09-03 12:19:25

Learning Outcome
2. Each student can write a technical theory section, a results and discussion of results section and create a figure consistent with specified guidelines.

Title
Thermodynamic Systems

Tags
180848, 0, 3, 2019-09-03 12:19:25

Learning Outcome
3. Each student can characterize the material comprising a thermodynamic system, use the state postulate to fix the state of a system and obtain thermodynamic properties using appropriate methods. Each student can use properties and boundary interactions to describe processes and can sketch processes on thermodynamic diagrams.

Title
1st Law Analysis

Tags
180849, 0, 4, 2019-09-03 12:19:25

Learning Outcome
4. Each student can use conservation of mass and conservation of energy to model open and closed systems undergoing transient and steady processes.

Title
2nd Law Analysis

Tags
180850, 0, 5, 2019-09-03 12:19:25

Learning Outcome
5. Each student can identify irreversibilities and determine whether a process may be approximated as reversible, internally reversible or externally reversible. Each student can use the entropy balance equation to model open and closed systems undergoing transient and steady processes.

Title
Engineering Devices

Tags
180851, 0, 6, 2019-09-03 12:19:25

Learning Outcome
6. Each student can describe the operation of engineering devices and the models typically used to represent these devices.

Title
Cycles

Tags
180852, 0, 7, 2019-09-03 12:19:25

Learning Outcome
7. Each student can list the devices and describe the processes executed in power and refrigeration cycles. Each student can build thermodynamic models to analyze and evaluate cycles and to draw conclusions regarding their performance.

Title
Ethical and Professional Responsibility

Tags
209299, 0, 9, 2019-09-03 12:19:25

Learning Outcome
8. Each student recognizes the role of thermodynamics in addressing economic and environmental concerns related to energy and can make informed judgements consistent with ethical and professional responsibilities

ME EN 330 - Design of Mechatronic Systems

Course Information

Teaching Area (new)
ME EN

Course Number
330

Teaching Area
ME EN

Course Title
Design of Mechatronic Systems

Course Description
Microcontroller-based mechatronic systems comprised of mechanical, electrical, and software subsystems. Electronics, printed circuit board design, microcontroller programming and interfacing, and mechanical prototyping.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- EC EN 301 - Elements of Electrical Engineering.
  AND ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

OR

Complete ALL of the following Courses:

- EC EN 301 - Elements of Electrical Engineering.
  AND ME EN 275 - Computational Methods in Engineering

Other Prerequisites

concurrent enrollment in Me En 335.

Learning Outcomes

Title
Microcontroller Architectures, Memory, and Peripherals

Tags
180796, 0, 2

Learning Outcome
1. Students should have an understanding of microcontroller architectures, memory, and peripherals, including timers, counters, interrupts, and analog-to-digital converters.

Title
Programming Microcontrollers

Tags
180769, 0, 3

Learning Outcome
2. Students should be able to program microcontrollers using a high-level programming language and event-driven programming techniques.

Title
Integrating Circuits and Sensors

Tags
180770, 0, 4

Learning Outcome
3. Students should be able to interface digital and analog circuits and sensors with a microcontroller.

Title
Analog-to-Digital and Digital-to-Analog

Tags
180771, 0, 5

Learning Outcome
4. Students should understand analog-to-digital and digital-to-analog conversion and be able to program a microcontroller to read analog voltages.

Title
Serial and Parallel Communication Options

Tags
180772, 0, 6

Learning Outcome
5. Students should understand basic serial and parallel communication options for microcontrollers.

Title
Electromechanical Actuators

Tags
180773, 0, 7

Learning Outcome
6. Students should gain familiarity with various electromechanical actuators, including DC motors, stepper motors, solenoids, and servomotors. Students should understand the function and performance characteristics (torque/speed curves) of DC motors, and should be able to select a motor for a specific application.

Title
Driving Motors

Tags
180784, 0, 8

Learning Outcome
7. Students should be able to interface motors with a microcontroller and implement motor driver circuits.

Title
Pulse-Width Modulation

Tags
180774, 0, 9

Learning Outcome
8. Students should be able to implement pulse-width modulation as a method for controlling motors.

Title
Real World Design and Prototyping Tools

Tags
180775, 0, 10

Learning Outcome
9. Students should be able to use real-world design and prototyping tools, including printed circuit board design software, breadboards, soldering, and mechanical prototyping tools.

Title
Data Sheets

Tags
180785, 0, 11

Learning Outcome
10. Students should be able to read data sheets and select electronic components to meet design requirements.

Title
Design and Implement a Mechatronic System

Tags
180776, 0, 12

Learning Outcome
11. Students should be able to design and implement a complete mechatronic system that integrates micro-controllers, electronic components, and mechanical components.

ME EN 335 - Dynamic System Modeling and Analysis

Course Information

Teaching Area (new)
ME EN

Course Number
335

Teaching Area
ME EN

Course Title
Dynamic System Modeling and Analysis

Course Description
Formulating mathematical models for mechanical, electrical, fluid, and combined systems; numerical solution of motion equations; first- and second-order systems, frequency response, and transfer functions.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 275 - Computational Methods in Engineering
  AND EC EN 301 - Elements of Electrical Engineering.
  AND ME EN 204 - Dynamics

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 275 - Computational Methods in Engineering **AND** EC EN 301 - Elements of Electrical Engineering. **AND** CE 204 - Engineering Mechanics--Dynamics

Other Prerequisites

pre- or concurrent enrollment in MATH 303 OR MATH 334

Learning Outcomes

Title
Mechanical Systems

Tags
180461, 2

Learning Outcome
1. Students should have a knowledge of fundamental systems concepts required to develop lumped element models for basic mechanical systems, including inertia, compliance, dissipation, and power sources, and obtain equations of motion for linear motion and fixed-axis rotation.

Title
Electrical Systems

Tags
180465, 1

Learning Outcome
2. Students should have a knowledge of fundamental systems concepts required to develop lumped element models for basic electrical systems, including inductance, capacitance, resistance, power sources and amplifiers.

Title
Basic Fluid Systems

Tags
180613, 3

Learning Outcome
3. Students should have a knowledge of fundamental systems concepts required to develop lumped element models for basic fluid systems, including inertance, capacitance, resistance, and pumps.

Title
Multi-domain Modeling

Tags
180629, 0

Learning Outcome
4. Students should have a knowledge of fundamental concepts of multi-domain modeling of electromechanical and fluid/mechanical systems and be able to develop lumped element models of these mixed systems.

Title
Simulation Software

Tags
180741, 4

Learning Outcome
5. Students should know how to place equations of motion into state variable form, and to develop a simulation for basic non-linear and linear systems using appropriate simulation software.

Title
Transfer Functions and Poles

Tags
180742, 5

Learning Outcome
6. Students should know how to manipulate a system of linear differential equations to obtain transfer functions and poles (eigenvalues).

Title
Interpret Poles

Tags
180743, 6

Learning Outcome
7. Students should understand first and second-order systems and know how to interpret poles (eigenvalues) to define natural frequencies, damping ratios, time constants, and the natural response, step response, and impulse response of a system.

Title
Frequency Response

Tags
180744, 7

Learning Outcome
8. Students should understand the concept of frequency response. They should understand the relationship between transfer functions and frequency response, and should be able to obtain frequency response plots for their system models.

Title
Real World Application

Tags
180858, 0, 8

Learning Outcome
9. Students should strengthen their ability to learn throughout their lives by 1) transforming real-world dynamic systems into an engineering problem and 2) developing and analyzing a lumped-element model to solve the engineering problem.

Title
Writing

Tags
213174, 0, 9

Learning Outcome
10. Students should write an effective full technical report in the IMRaD format.

ME EN 340 - Heat Transfer

Course Information

Teaching Area (new)
ME EN

Course Number
340

Teaching Area
ME EN

Course Title
Heat Transfer

Course Description
Conservation principles; Fundamentals of conduction, convection and radiation; Problem solving

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 321 - Thermodynamics

Learning Outcomes

Title
Student Development

Tags
180874, 0, 0

Learning Outcome
1. Each Student can deepen their faith in God, appreciating divine patterns, as they learn and apply heat transfer principles.

Title
Problem Solving Methods

Tags
180873, 0, 1

Learning Outcome
2. Each student can seek inspired solutions to real world scenarios by identifying heat transfer modes, applying fundamental laws and conservation principles of mass and energy with appropritae approximations, and solving to quantify heat transfer rates using a systematic method.

Title
Conduction

Tags
180872, 0, 2

Learning Outcome
3. Each student can describe the physical mechanisms involved in conduction heat transfer and use Fourier's law to model the conduction heat rate. Each student can apply conservation principles to contrl volumes that result in differential equations, apply appropriate boundary conditions, solve the heat diffusion equation for simplified scenarios using analytical and/or numerical methods and apply these solutions in appropriate modeling scenarios

Title
Convection

Tags
180871, 0, 3

Learning Outcome
4. Each student can describe the physical phenomena associated with convection, use non-dimensioal parameters and empirical correlations to predict local and average convective heat transfer coefficiets for laminar or turbulent flows. Each student can apply Newton's law of cooling to calculate external or interanl, forced of free convection heat transfer.

Title
Radiation

Tags
180870, 0, 4

Learning Outcome
5. Each student can describe the physical mechanisms involved in radiation heat transfer and apply appropriate relations to model intesity and radiative heat flux to/from a surface. Each student can determine total, hemispherical radiative properties of a surface from spectral, directional quantities, apply appropriate models to obtain the net radiative heat rate at a serface and determine the radiative heat exchange between diffuse, gray surfaces form an enclosure.

Title
Communication and Impact

Learning Outcome
6. Each student can clearly describe their methodology for qualtifying heat transfer and effectively communicate organized conclusions and recommendations. Students can effectively articulate the broader implications of their work in ways that support societal well-being and environmental stewardship.

ME EN 351 - Fundamentals of Biomedical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
351

Teaching Area
ME EN

Course Title
Fundamentals of Biomedical Engineering

Course Description
This course introduces the fundamental principles and topics of Biomedical Engineering, including Biomechanical Engineering, Biochemical Engineering, Bioinstrumentation, and Medical Imaging.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND MATH 113 - Calculus 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND MATH 113 - Calculus 2
  AND PHSCS 106 - General Physics 2

Other Prerequisites
Freshman-level Understanding of Biology (for example: BIO 100, BIO 103, MMBIO 221, or PDBIO 120).

ME EN 362 - Engineering Measurements

Course Information

Teaching Area (new)
ME EN

Course Number
362

Teaching Area
ME EN

Course Title
Engineering Measurements

Course Description
Fundamental concepts of measurement systems, characteristics of sensor signals, data acquisition, sensors, uncertainty analysis.

Department
Mechanical Engineering

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 330 - Design of Mechatronic Systems
  AND ME EN 335 - Dynamic System Modeling and Analysis

Other Prerequisites
Engl 316 or concurrent enrollment.

Learning Outcomes

Title
Measurement Concepts and Calibration

Tags
180777, 0, 1

Learning Outcome
Students will be familiar with concepts of measurement such as accuracy, precision, bias error, random error, and static sensitivity. Students will be able to calibrate a measurement system.

Title
Spectral Analysis

Tags
180778, 0, 2

Learning Outcome
Students will understand the basics of spectral analysis and how to interpret the frequency content of a signal.

Title
Time and Frequency Response

Tags
180779, 0, 3

Learning Outcome
Students will understand the concepts of time and frequency response and will be able to apply these concepts to analyze measurement systems.

Title
Data Acquisition and Signal Conditioning

Tags
180780, 0, 4

Learning Outcome
Students will gain experience with data acquisition and signal conditioning. Students will understand the sampling process, how aliasing can occur, and how it can be prevented.

Title
Experience with Sensors

Tags
180782, 0, 6

Learning Outcome
Through laboratory exercises and projects, students will gain hands-on experience with a variety of sensors, such as strain gages, thermocouples, pressure transducers, and optical sensors

Title
Uncertainty Analysis

Tags
180859, 0, 7

Learning Outcome
Students will be able to perform a basic uncertainty analysis for a measurement system

Title
Learning to Write about Experimental Results

Tags
180781, 0, 5

Learning Outcome
Students will learn to write a summary and conclusion section of a report, and demonstrate their ability to write a full formal report to document experimental results.

Title
Practice Documenting Experimental Results

Learning Outcome
Students will practice clear, concise, and convincing communication by writing a memo report and a full formal report. The full report will include an uncertainty analysis from measured data.

Title
Real World Application

Learning Outcome
Students will apply measurement procedures to real world problems.

ME EN 372 - Mechanical System Design Fundamentals

Course Information

Teaching Area (new)
ME EN

Course Number
372

Teaching Area
ME EN

Course Title
Mechanical System Design Fundamentals

Course Description
Static and dynamic stress and failure analysis for mechanical systems.

Department
Mechanical Engineering

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CCE 203 - Engineering Mechanics--Mechanics of Materials **AND** ME EN 250 - Science of Engineering Materials

Recommended
Me En 273

Learning Outcomes

Title
Free Body and Shear/Moment Diagrams

Tags
180746, 0, 2, 2021-08-27 08:13:34

Learning Outcome
1. Students should be able to draw free-body diagrams of machine components. They should be able to determine the applied loads and calculate the reaction forces and moments. They should be able to draw shear-moment diagrams.

Title
Static and Fatigue Combined Loadings

Tags
180748, 0, 4, 2021-08-27 08:13:34

Learning Outcome
2. Students should be able to calculate stresses in and the life of machine components due to combined static and fatigue loads.

Title
Estimate Deflection

Tags
180749, 0, 5, 2021-08-27 08:13:34

Learning Outcome
3. Estimate the deflection of structural members under combined loading.

Title
Application of Static Failure Theories

Tags
180750, 0, 6, 2021-08-27 08:13:34

Learning Outcome
4. Students should be able to select appropriate static failure theories and be able to apply these theories to predict failure loads and safety factors for various materials and loading conditions

Title
Stress Analysis

Tags
180751, 0, 7, 2021-08-27 08:13:34

Learning Outcome
5. Students should be able to analyze the stresses in pressure vessels, press fits, bolts, and bolted joints.

Title
Buckling Prediction

Tags
180752, 0, 8, 2021-08-27 08:13:34

Learning Outcome
6. Students should be able to calculate buckling predictions for statically loaded compression members.

Title
FEA Software

Tags
180745, 0, 1, 2021-08-27 08:13:34

Learning Outcome
7. Students should be able to use commercial FEA software to create models of simple structures and machine components. They should be able to demonstrate decision making using FEA results for engineering applications.

Title
Structured Problem Solving

Tags
180675, 0, 10, 2021-08-27 08:13:34

Learning Outcome
8. Students should gain experience using the BYU ME structured problem-solving technique to solve real-world machine design engineering problems. They should develop skills to explore solutions to these problems.

Title
Real World Applications and Lifelong Learning

Tags
180747, 0, 3, 2021-08-27 08:13:34

Learning Outcome
9. Students should demonstrate independent leaning by applying machine design and analysis concepts to real-world problems and document the analysis by creating abstracts introductions, discussions and figures.

ME EN 382 - Manufacturing Processes

Course Information

Teaching Area (new)
ME EN

Course Number
382

Teaching Area
ME EN

Course Title
Manufacturing Processes

Course Description
Common manufacturing processes, including technological limitations and economic considerations. Influence of product design on process selection and manufacturing efficiency.

Department
Mechanical Engineering

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials
  AND ME EN 272 - Engineering Graphics--Principles and Applications

Learning Outcomes

Title
Classification of Manufacturing Processes

Tags
212726, 0, 1

Learning Outcome
1. Recognize and develop familiarity with a variety of manufacturing processes and how they are classified.

Title
Selection of Manufacturing Processes

Tags
180677, 0, 2

Learning Outcome
2. Select appropriate manufacturing processes based on their characteristics and capabilities for a given part design.

Title
Design for Manufacturing

Tags
180520, 0, 3

Learning Outcome
3. Make practical design recommendations to improve the manufacturability of component parts based on manufacturing process knowledge.

Title
Process Physics

Tags
212727, 0, 4

Learning Outcome
4. Justify your design and process selection decisions based on a qualitative understanding of the key physical phenomena of manufacturing processes.

Title
Hands-On Experience

Tags
212728, 0, 5

Learning Outcome
5. Begin to develop good engineering judgment about the capabilities of various processes by (i) performing various manufacturing processes with real process equipment and (ii) designing, building, and testing a working prototype.

Title
Character Building

Tags
180535, 0, 6

Learning Outcome
6. Build Christlike character through effective teamwork.

Title
Writing & Presentation of Engineering Reports

Tags
180460, 0, 7

Learning Outcome
7. Demonstrate the ability to write a professional quality report (including an Executive Summary) and deliver a professional oral presentation as a team.

Title
Impact on Society

Tags
180608, 0, 8

Learning Outcome
8. Demonstrate an understanding of the impact of manufacturing processes on society.

ME EN 412 - Applications of Fluid Dynamics

Course Information

Teaching Area (new)
ME EN

Course Number
412

Teaching Area
ME EN

Course Title
Applications of Fluid Dynamics

Course Description
Control volume analysis; introduction to CFD; boundary layers; lift and drag, airfoils; pumps, propellers, compressors, turbines; hydroelectric and wind power generation; real world applications.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 312 - Fluid Mechanics

Learning Outcomes

Title
Governing Equations

Tags
180786, 0

Learning Outcome
1.Understand and be able to apply conservation of mass, momentum, and energy in differential and integral form to fluid dynamics problems.

Title
External Flow

Tags
180787, 1

Learning Outcome
2. Be able to predict lift and drag for bodies in external flow fields using computational and empirical methods. Understand important viscous behavior like boundary layer growth, transition, separation, and wake development and their implications for performance and design.

Title
Compressible Flow

Tags
180788, 2

Learning Outcome
3. Be able to solve quasi-one-dimensional compressible flow problems including the effects of area change and Mach number. Understand the behavior of shocks and expansion fans.

Title
Turbomachines

Tags
180789, 3

Learning Outcome
4. Be able to predict performance and understand fundamental design principles for various turbomachinery applications (e.g, jet engines, wind turbines, propellers, compressors).

Title
Computational Fluid Dynamics

Tags
180790, 4

Learning Outcome
5. Become familiar with the basic terminology and methods of CFD including equation discretization, mesh generation, boundary conditions, convergence behavior, and post-processing. Be able to use CFD software to simulate basic fluid flow applications.

ME EN 415 - Flight Vehicle Design

Course Information

Teaching Area (new)
ME EN

Course Number
415

Teaching Area
ME EN

Course Title
Flight Vehicle Design

Course Description
Fundamental principles for designing flight vehicles (e.g., airplanes and rockets) including introductions to aerodynamics, structures, stability, propulsion, and performance. A combination of theory, computational methods, and a design project.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 312 - Fluid Mechanics

Learning Outcomes

Title
Aerodynamic Design

Tags
180471, 3

Learning Outcome
1. Aerodynamic design of an airplane.

Title
Performance Requirement Design

Tags
180531, 2

Learning Outcome
2. Designing an airplane with specific performance requirements.

Title
Stable and Controlled Flight Design

Tags
180534, 1

Learning Outcome
3. Designing an airplane for stable and controlled flight.

Title
Propulsion System Design

Tags
180649, 0

Learning Outcome
4. Designing an airplane propulsion system.

Title
Structural Design

Tags
180673, 4

Learning Outcome
5. Airplane structural design.

ME EN 422 - Applied Thermodynamics

Course Information

Teaching Area (new)
ME EN

Course Number
422

Teaching Area
ME EN

Course Title
Applied Thermodynamics

Course Description
Applied engineering thermodynamics including air and steam power cycles, thermodynamic relations, and introduction to combustion and equilibrium chemical reactions.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 321 - Thermodynamics

Learning Outcomes

Title
Problem Solving

Tags
180797, 0

Learning Outcome
1. Each student can identify issues related to thermodynamics in real world problems, use basic concepts and fundamental laws to construct thermodynamic models, apply mathematical principles to solve these models, draw conclusions based on these solutions and formulate sound recommendations based on these conclusions.

Title
Concepts and Laws of Thermodynamics

Tags
180798, 1

Learning Outcome
2. Each student can select a system, identify the heat, work, exergy and mass flow interactions occurring between the system and its surroundings and build models of steady-flow devices and transient thermodynamic systems.

Title
Thermodynamic Property Relationships

Tags
180799, 2

Learning Outcome
3. Each student can use thermodynamic concepts and laws to develop relationships between observable thermodynamic properties and thermodynamic properties that cannot be directly measured.

Title
Gas Power Cycles

Tags
180800, 3

Learning Outcome
4. Each student can use the basic concepts and fundamental laws of thermodynamics to model the performance of various gas power cycles. Each student can evaluate the impact of modifications such as reheat, regeneration and intercooling on the efficiency and net power produced by a gas power cycle and draw conclusions regarding the implementation of these modifications.

Title
Jet Propulsion Cycles

Tags
180801, 4

Learning Outcome
5. Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of jet propulsion cycles.

Title
Vapor Power Cycles

Tags
180802, 5

Learning Outcome
6. Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of Rankine cycles, geothermal power cycles, and combined cycles.

Title
Refrigeration Cycles

Tags
180803, 6

Learning Outcome
7. Each student can use the basic concepts and fundamental laws of thermodynamics to analyze, evaluate and draw conclusions regarding the performance of vapor-compression refrigeration cycles, absorption refrigeration cycles, multistage refrigeration cycles and cascade refrigeration cycles.

Title
Alternative Energy Systems

Tags
180804, 7

Learning Outcome
8. Each student can use the concepts and laws of thermodynamics to analyze and evaluate renewable energy systems and to draw conclusions regarding the performance of these systems.

Title
Psychometrics

Tags
180805, 8

Learning Outcome
9. Each student can calculate the properties of mixtures of air and water vapor to analyze, evaluate and draw conclusions regarding the performance of evaporative cooling systems, cooling towers, humidifiers and dehumidifiers.

ME EN 423 - Global Perspectives on Energy and the Environment

Course Information

Teaching Area (new)
ME EN

Course Number
423

Teaching Area
ME EN

Course Title
Global Perspectives on Energy and the Environment

Course Description
This course helps students appreciate the interconnection between energy and the environment and develops understanding of renewable energy technologies being deployed world-wide. The course includes course work at BYU, visits to energy sites in Utah, and travel and site visits in Europe. The travel study gives students experience with global renewable energy companies.

Department
Mechanical Engineering

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 321 - Thermodynamics

ME EN 425 - Internal Combustion Engines

Course Information

Teaching Area (new)
ME EN

Course Number
425

Teaching Area
ME EN

Course Title
Internal Combustion Engines

Course Description
Fundamental operating characteristics of internal combustion engines, spark and compression ignition. Thermodynamic cycle analysis, performance and emissions characterization, and dynamometer testing on CFR and production engines.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 321 - Thermodynamics

Learning Outcomes

Title
Engine Parts and Functionality

Tags
180563, 3

Learning Outcome
1. Be able to name parts found in common internal combustion engines given their picture and location on an engine. Be able to classify an engine type based on pictures of the components.

Title
Performance Metrics

Tags
180585, 1

Learning Outcome
2. The ability to calculate industrial standard internal combustion engine performance metrics.

Title
Engine Cycle and Thermodynamic Modeling

Tags
180596, 0

Learning Outcome
3. Be able to produce a zero dimensional model of a four strokes internal combustion engine assuming constant specific heats, variable heat release, no heat transfer, and ideal gas exchange processes.

Title
Fundamentals of Combustion and Engine Performance

Tags
180597, 4

Learning Outcome
4. Understand the fundamentals of combustion. Be able to perform energy balance calculations on heat released, flame temperature, flame stoichiometry, and flame speed. Be able to predict how engine design parameters and fuel properties impact engine performance.

Title
Pollutant Formation and Control

Tags
180601, 2

Learning Outcome
5. Understand how the major pollutants of internal combustion engines are formed and controlled. Be able to name the major pollutants in an internal combustion engine and explain how the physical processes of formation and how engine design parameters impact these pollutants.

Title
Design Strategies

Learning Outcome
6. Qualitatively explain the impact of design parameters such as compression ratio, intake geometry, piston shape, spark location, etc. on engine performance parameters such as torque, power, efficiency, and emissions.

Title
Society Cost and Benefits

Learning Outcome
7. Be able to express the positive and negative impacts of IC engines on society and our Heavenly Fathers plan to bring to pass the immortality and eternal life of man.

ME EN 426 - Gas Turbine and Jet Engine Design

Course Information

Teaching Area (new)
ME EN

Course Number
426

Teaching Area
ME EN

Course Title
Gas Turbine and Jet Engine Design

Course Description
Design and synthesis of land-based and aircraft gas turbines utilizing fluid flow and thermodynamic fundamentals. Extensive discussion of turbojet, turbofan, and turboprop engines.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 312 - Fluid Mechanics
  AND ME EN 321 - Thermodynamics

Learning Outcomes

Title
Fluid Mechanic and Thermodynamic Principles

Tags
180499, 0

Learning Outcome
1. Apply basic fluid mechanic and thermodynamic principles to understand how gas turbine engines operate.

Title
Cycle Performance

Tags
180623, 4

Learning Outcome
2. Develop ability to analyze and predict the cycle performance of gas turbine engines.

Title
Components, Purpose and Performance

Tags
180646, 1

Learning Outcome
3. Learn the components of gas turbine engines and their purpose. Understand how the performance of individual components contributes to the overall performance of the engine.

Title
Analyze and Predict Performance of Individual Components

Tags
180647, 3

Learning Outcome
4. Learn how to analyze and predict the performance of individual gas turbine engine components

Title
Application of Principles

Tags
180682, 2

ME EN 431 - (Me En-EC En 483) Design of Control Systems

Course Information

Teaching Area (new)
ME EN

Course Number
431

Teaching Area
ME EN

Course Title
(Me En-EC En 483) Design of Control Systems

Course Description
Classical frequency response and time domain design of control systems. State variable control and computer simulation of control systems.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- ME EN 335 - Dynamic System Modeling and Analysis

OR

Prerequisites

Complete ALL of the following Courses:
- EC EN 380 - Signals and Systems

Learning Outcomes

Title
Simulation Models

Tags
180541, 0

Learning Outcome
1. The ability to develop (nonlinear) mathematical models of complex dynamic systems.

Title
Final Value Theorem

Tags
180584, 1

Learning Outcome
2. Ability to use the final value theorem to predict steady state behavior.

Title
Design Models

Tags
180637, 3

Learning Outcome
3. The ability to simplify those models into linear transfer function and state space representations.

Title
Using Equations and Functions

Tags
180498, 0, 5

Learning Outcome
4. Ability to model dynamic systems using differential equations, transfer functions, and state space equations.

Title
Design of PID Control

Learning Outcome
5. The ability to design PID controllers for systems described by linear time-invariant models.

Title
State Space Techniques

Learning Outcome
6. Ability to design feedback systems using state space techniques.

Title
Design of Loopshaping Control

Learning Outcome
7. The ability to use loopshaping techniques to design frequency domain controllers for systems described by linear time-invariant models.

Title
Using Software to Simulate Dynamics and Control

Learning Outcome
8. Ability to simulate dynamic systems and feedback controllers using modern programming languages.

ME EN 437 - Kinematics

Course Information

Teaching Area (new)
ME EN

Course Number
437

Teaching Area
ME EN

Course Title
Kinematics

Course Description
Relative motion of links in mechanisms; velocities and accelerations of machine parts; rolling contact; cams; synthesis of mechanisms. Includes computer-aided engineering techniques.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
  AND CE 204 - Engineering Mechanics--Dynamics

OR

Complete ALL of the following Courses:

- ME EN 275 - Computational Methods in Engineering
  AND CE 204 - Engineering Mechanics--Dynamics

Learning Outcomes

Title
Position

Tags
180482, 0

Learning Outcome
1. Determine the position of mechanisms.

Title
Dynamics

Tags
180519, 2

Learning Outcome
3. Calculate the dynamics of mechanisms.

Title
Analyze

Tags
180536, 4

Learning Outcome
5. Analyze the performance of non-linkage mechanisms such as cams and gears.

Title
Velocity and Acceleration

Tags
180544, 1

Learning Outcome
2. Analyze the velocity and acceleration of mechanisms.

Title
Synthesize

Tags
180665, 3

Learning Outcome
4. Synthesize mechanisms to perform specified tasks.

ME EN 450 - Engineering Materials: Selection for Design

Course Information

Teaching Area (new)
ME EN

Course Number
450

Teaching Area
ME EN

Course Title
Engineering Materials: Selection for Design

Course Description
Instruction emphasizes optimal materials selection techniques, practical materials-focused design, and an overview of commonly used engineering materials. These methods are applied in a practical design experience involving materials selection and manufacturing of a real product.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials

Other Prerequisites
ME EN 372 pre-req or concurrently

Learning Outcomes

Title
Real World Problems

Tags
209322, 1

Learning Outcome
From a real-world problem, determine design requirements that incorporate relevant materials properties.

Title
Materials Selection

Tags
209323, 2

Learning Outcome
Learn and apply standard materials selections techniques to first identify classes of materials and then down select to specific materials that that meet material property requirements, keeping in mind the necessary processing and manufacturing techniques that will accompany the selected material.

Title
Engineering Materials

Tags
180878, 3

Learning Outcome
Compile a list of and become familiar with commonly used Engineering Materials and their applications, and understand basic structural and physical characteristics from which their properties are derived.

Title
Capstone Materials Experience

Tags
180879, 4

Learning Outcome
Combine knowledge in real world problems, materials selection, and engineering materials to design and manufacture an engineering product.

ME EN 455 - Materials Science Seminar

Course Information

Teaching Area (new)
ME EN

Course Number
455

Teaching Area
ME EN

Course Title
Materials Science Seminar

Course Description
Students will attend department or college seminars that pertain to the materials science discipline. This will expand their breadth and scope of materials science and help prepare them for graduate school or employment in materials science.\n

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials
  OR CBE 378 - Science of Engineering Materials

ME EN 456 - Composite Material Design

Course Information

Teaching Area (new)
ME EN

Course Number
456

Teaching Area
ME EN

Course Title
Composite Material Design

Course Description
Macro- and micro-mechanical analysis and design of uni- and multidirectional composite materials.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials

Learning Outcomes

Title
Micromechanics

Tags
180464, 4

Learning Outcome
1. Develop an understanding of the role of constituents in overall response of composite lamina (micromechanics).

Title
Macromechanics

Tags
180593, 1

Learning Outcome
2. Develop an understanding of how a set of laminae with different orientations affect the overall laminate properties and response (macromechanics).

Title
Elastic and Strength Properties

Tags
180630, 0

Learning Outcome
3. Analyze elastic and strength properties, and elastic response, of orthotropic and anisotropic materials having both continuous and discontinuous reinforcements.

Title
Classical Lamination Theory

Tags
180683, 2

Learning Outcome
4. Use Classical Lamination Theory to assess the role of ply orientation on overall axial, bending and twisting elastic deformation of laminates under applied loads.

Title
Failure Theories

Tags
180707, 3

Learning Outcome
5. Use failure theories for multiaxial loading to determine if a laminate composite will fail for known loading and use this knowledge to design failure resistant structures.

ME EN 461 - (Me En-Phscs) Introduction to Acoustics

Course Information

Teaching Area (new)
ME EN

Course Number
461

Teaching Area
ME EN

Course Title
(Me En-Phscs) Introduction to Acoustics

Course Description
Mathematical descriptions of physical phenomena in generation, propagation, and reception of acoustic waves. Fundamental acoustical instrumentation and analysis techniques. Application of physical principles and mathematical models to realistic problems.\n \n

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PHSCS 318; PHSCS 318

ME EN 472 - Mechanical Systems Design Applications

Course Information

Teaching Area (new)
ME EN

Course Number
472

Teaching Area
ME EN

Course Title
Mechanical Systems Design Applications

Course Description
Theory, analysis, and design of mechanical systems and components.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

Learning Outcomes

Title
Failure Prevention

Tags
180571, 3

Learning Outcome
1. Students will gain an increased understanding of failure prevention.

Title
Analysis Tools

Tags
180600, 2

Learning Outcome
2. Students will gain an increased understanding of finite element analysis tools.

Title
Basic Machine Components

Tags
180617, 0

Learning Outcome
3. Students will develop an understanding of basic machine components.

Title
Mechanical Design and Documentation

Tags
180642, 1

Learning Outcome
4. Students will gain experience in mechanical design, including creating documentation.

ME EN 473 - Interdisciplinary Electro-Mechanical Innovation

Course Information

Course Number
473

Teaching Area
ME EN

Course Title
Interdisciplinary Electro-Mechanical Innovation

Course Description
This course introduces and practices the fundamental concepts of interdisciplinary market-pull innovation and entrepreneurship in a mentored setting. Interdisciplinary student teams conceive of and develop an internet-connected physical product. The double diamond innovation model is used, with an emphasis on prototyping and testing.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Application required. Application is followed by portfolio submission and interview for subset of applicants.

Recommended
ME EN272, and 273, or 275.

Learning Outcomes

Title
Generating and testing ideas

Tags
214038, 0, 1, 2023-08-29 10:52:53

Learning Outcome
Collaboratively design and test ideas for a new venture centered on electro-mechanical design, and limit the options to a single, implementable design.

Title
Applying the innovation process to create prototypes

Tags
214039, 0, 2, 2023-08-29 10:52:55

Learning Outcome
Apply the innovation process to advance ideas from concepts to customer-validated electro-mechanical prototypes

Title
Working in an interdisciplinary team

Tags
214040, 0, 3, 2023-08-29 10:52:57

Learning Outcome
Demonstrate the ability to work effectively in an interdisciplinary team--working through the phases of both electro-mechanical product development, and interdisciplinary team development.

Title
Design Thinking

Tags
214041, 0, 4, 2023-08-29 10:52:58

Learning Outcome
Combine empathy for the context of a problem, creativity in devising electro-mechanical solutions to that problem, and rationality to analyze how well the created solutions solve the problem and fit the context.

Title
Problem Solving

Tags
214042, 0, 5, 2023-08-29 10:53:00

Learning Outcome
Become more independent with conceptualizing and actualizing solutions to various challenges facing the current industry.

ME EN 475 - Integrated Product and Process Design 1

Course Information

Teaching Area (new)
ME EN

Course Number
475

Teaching Area
ME EN

Course Title
Integrated Product and Process Design 1

Course Description
Comprehensive two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 330 - Design of Mechatronic Systems
  AND ME EN 372 - Mechanical System Design Fundamentals
  AND ME EN 382 - Manufacturing Processes

OR

Prerequisites

Complete ALL of the following Courses:

- MFGEN 331 - Metals Processes
  AND MFGEN 355 - Plastics Materials and Processing
  AND MFGEN 333 - Industrial Automation

Other Prerequisites
Senior standing (fewer than 30 hours remaining in the program) in mechanical engineering, manufacturing engineering, industrial design, or related disciplines with instructor's consent. For ME EN majors: ME EN 335; ME EN 312 or concurrent enrollment; ME EN 362 or concurrent enrollment

Note
ME EN 475 and 476 must be taken in consecutive fall and winter semesters. **Before you can register for ME EN 475/6 you will need to complete pre-registration information. Please see https://www.me.byu.edu/capstone for instructions.**

Learning Outcomes

Title
Six Stages of Product Development

Tags
180753, 1

Learning Outcome
1. Understand the six stages of development through which designs evolve.

Title
Design Evolution

Tags
180793, 2

Learning Outcome
2. Understand how the requirements, tests, and design evolve through each stage of development.

Title
Design Desirability and Transferability

Tags
180794, 4

Learning Outcome
4. Understand how artifact checks, performance testing, and validation testing are used to ensure the desirability and transferability of the design at each stage of development.

Title
Skills in Product Development, Reporting and Presentation

Tags
180795, 5

Learning Outcome
5. Develop skills in project planning, idea generation, prototyping, developing engineering models, and conveying information both in writing and orally.

Title
Network of Design Activities

Tags
180886, 3

Learning Outcome
3. Understand how a design network is used to cause the product information to evolve, and how the map can be customized for specific development projects.

Title
Organizational Policies

Tags
180887, 6

Learning Outcome
6. Understand how to work within organizational policies to accomplish important goals.

Title
Project Teamwork

Tags
180888, 7

Learning Outcome
7. Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Analysis and Communication

Tags
180889, 8

Learning Outcome
8. As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

Title
Engineering Design

Tags
180754, 0, 9

Learning Outcome
9. Apply the understanding and skills from other outcomes while working with a project sponsor in a team setting to produce desirable and transferable product information through design, building, and testing, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

ME EN 476 - Product Development 2 - Capstone

Course Information

Teaching Area (new)
ME EN

Course Number
476

Teaching Area
ME EN

Course Title
Product Development 2 - Capstone

Course Description
Comprehensive two-semester design experience from conception to manufacturing planning and prototype. Product development process. Economic and manufacturing considerations. Intellectual property agreement required.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 312 - Fluid Mechanics
  AND ME EN 340 - Heat Transfer
  AND ME EN 362 - Engineering Measurements

OR

Prerequisites

Complete ALL of the following Courses:

- MFGEN 340 - Quality Systems in Manufacturing
  AND MFGEN 401 - Data Analysis

Other Prerequisites
Me En 475. Senior standing (fewer than 30 hours remaining in the program) in mechanical engineering, manufacturing engineering, industrial design, or related disciplines with instructor's consent.

Note
ME EN 475 and 476 must be taken in consecutive fall and winter semesters. **Before you can register for ME EN 475/6 you will need to complete pre-registration information. Please see https://www.me.byu.edu/capstone for instructions.**

Learning Outcomes

Title
Skills in Product Development Economics and Drawing Review

Tags
180876, 1

Learning Outcome
1. Develop skills in product development economics and engineering drawing review and checking.

Title
Crucial Design Skills

Tags
180890, 2

Learning Outcome
2. Develop and demonstrate a deep understanding in some of the following crucial design skill areas: Planning, Discovering, Creating, Representing, Modeling, Prototyping, Experimenting, Evaluating, Deciding, Conveying.

Title
Team Synergy

Tags
180891, 5

Learning Outcome
3. Demonstrate the ability to use effective team processes, communication, and conflict resolution skills to enhance team synergy, provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.

Title
Analysis and Communication

Tags
180892, 6

Learning Outcome
4. As a part of a team, use a real-world problem solving process to develop, solve, and explore appropriate engineering models for your project, and effectively communicate the results of this analysis.

Title
Ethics and Professionalism

Tags
208692, 8

Learning Outcome
6. Recognize ethical and professional responsibilities in engineering situations and make informed decisions, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Project Deliverables

Tags
180893, 7

Learning Outcome
5. Apply the understanding and skills from ME EN/EC EN 475 and the other outcomes from ME EN/EC EN 476 while working with a project sponsor in a team setting to produce desirable and transferable designs, while considering public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.

ME EN 479 - Singapore International Product Design and Development

Course Information

Teaching Area (new)
ME EN

Course Number
479

Teaching Area
ME EN

Course Title
Singapore International Product Design and Development

Course Description
Fundamental concepts of international product development. Introduction to a structured design process. Experience working in international, multi-cultural engineering teams. Lectures, design projects, and industrial site visits in Singapore.

Department
Mechanical Engineering

When Taught
Spring Term

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Product Development Process

Learning Outcome
1. Students should know how to employ a structured approach to the product development process

Title
International Teams

Learning Outcome
2. Students should gain experience in working in international, multi-cultural design teams

Title
Cultural Factors in Product Development

Learning Outcome
3. Students should gain appreciation for a foreign culture and recognize the role of cultural factors in product development

Title
Design and Prototyping

Learning Outcome
4. Students should gain hands-on design and prototyping experience

Title
Design Communication

Learning Outcome
5. Students should gain experience in communicating design work through oral presentations and written reports.

ME EN 482 - Manufacturing Systems Analysis and Design

Course Information

Teaching Area (new)
ME EN

Course Number
482

Teaching Area
ME EN

Course Title
Manufacturing Systems Analysis and Design

Course Description
Analysis, synthesis, and control of processing and assembly operations; mathematical modeling of manufacturing processes; systems integration; applying conservation principles to processing and assembly operations.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MeEn 250, 282; or equivalents

Learning Outcomes

Title
Flexible Manufacturing Centers and Systems

Tags
180550, 3

Learning Outcome
Students will understand the control processes used in Flexible Manufacturing Centers and Systems.

Title
Part Processing Requirements

Tags
180570, 1

Learning Outcome
Students will be able to estimate the force and power (energy/time) requirements to process conventional parts, using modern tools and machines.

Title
Information Synthesis

Tags
180648, 4

Learning Outcome
Students will be able to select and review technical paper(s) relating to a course subject area, digest relevant course information, and correlate the results with the mathematical models discussed in the course, also rendering good judgment as to whether the paper is useful to modern manufacturing methods.

Title
Material Bahavior

Tags
180650, 0

Learning Outcome
Students will apply fundamental mathematical models to understand and estimate material behavior in manufacturing processes.

Title
Electronics Manufacturing

Tags
180686, 2

Learning Outcome
Students will understand the importance of and tools used in electronics manufacturing.

ME EN 494R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
ME EN

Course Number
494R

Teaching Area
ME EN

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

Department
Mechanical Engineering

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

ME EN 495R - Mentored Learning for Undergraduate Coursework in Mechanical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
495R

Teaching Area
ME EN

Course Title
Mentored Learning for Undergraduate Coursework in Mechanical Engineering

Course Description
Selected topics in mechanical engineering.

Department
Mechanical Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

ME EN 497R - Mentored Learning for Undergraduate Projects in Mechanical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
497R

Teaching Area
ME EN

Course Title
Mentored Learning for Undergraduate Projects in Mechanical Engineering

Course Description
Independent learning focused on an engineering project.

Department
Mechanical Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Problem Solving

Tags
180818, 1

Learning Outcome
By the end of this course students will become more independent with conceptualizing and actualizing solutions to various challenges facing the current industry.

ME EN 500 - (MeEn-CEEn) Design and Materials Applications

Course Information

Teaching Area (new)
ME EN

Course Number
500

Teaching Area
ME EN

Course Title
(MeEn-CEEn) Design and Materials Applications

Course Description
Materials selection in design; effects of materials properties, structure and geometry on performance; process selection and property modification techniques; basics of material failure mechanism.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ce En 321 or Me En 372; Ce En 203; Me En 250; or equivalents.

Recommended
Me En 452

ME EN 501 - (MeEn-CEEn) Stress Analysis and Design of Mechanical Structures

Course Information

Teaching Area (new)
ME EN

Course Number
501

Teaching Area
ME EN

Course Title
(MeEn-CEEn) Stress Analysis and Design of Mechanical Structures

Course Description
Stress analysis and deflection of structures; general bending and torsion, with computer applications to mechanical and aerospace structure design.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

Learning Outcomes

Title
Outcome 1

Tags
209469, 0, 1

Learning Outcome
1. Calculate stresses in machine components due to combined static and fatigue loads.

Title
Outcome 2

Tags
209470, 0, 2

Learning Outcome
2. Compute shear centers and stresses in beams with non-symmetric cross sections.

Title
Outcome 3

Tags
209471, 0, 3

Learning Outcome
Compute stresses in nonlinear materials and materials under plastic deformation.

Title
Outcome 4

Tags
209472, 0, 4

Learning Outcome
Calculate torsional stress in noncircular cross sections, open sections, and multi compartment cross sections.

Title
Outcome 5

Tags
209473, 0, 5

Learning Outcome
Calculate contact stresses using closed form expressions and FEA.

Title
Outcome 6

Tags
209474, 0, 6

Learning Outcome
Use commercial FEA software to create models of structures and components. Demonstrate decision making using FEA results for engineering application.

Title
Outcome 7

Tags
209475, 0, 7

Learning Outcome
Design and analyze beams on elastic foundations.

Title
Outcome 8

Tags
209476, 0, 8

Learning Outcome
Apply stress and deflection analysis concepts to a real-world problem and document the analysis through well designed figures and graphic.

ME EN 504 - (Me En-CE En) Computer Structural Analysis and Optimization

Course Information

Teaching Area (new)
ME EN

Course Number
504

Teaching Area
ME EN

Course Title
(Me En-CE En) Computer Structural Analysis and Optimization

Course Description
Matrix stiffness method for 1D, 2D, and 3D skeletal structure classes. Implementing the matrix stiffness method as a computer program. Nonlinear second-order structural analysis. Structural optimization techniques including stress-ratio method, gradient-based methods, and genetic algorithms.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1 **AND** ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra **AND** ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis **AND** MATH 213 - Elementary Linear Algebra

Learning Outcomes

Title
Execute Structural Software

Tags
180456, 9

Learning Outcome
Prepare input for linear analysis, nonlinear pushover analysis, gradient-based size optimization, and genetic-based size/shape/topology optimization programs for plane frames.

Title
Stress Ratio and Exhaustive Search

Tags
180504, 6

Learning Outcome
Determine the number of FLOPS and perform the calculations for stress ratio optimization and exhaustive search, and construct design space plots if possible.

Title
Matrix Vector Operations

Tags
180524, 5

Learning Outcome
Determine the number of FLOPS and perform the calculations for matrix-vector operations including triangularization, backsubstitution, Newton-Raphson iteration, and inverse iteration.

Title
Member Stiffness and Force

Tags
180591, 0

Learning Outcome
Construct global and local member stiffness matrices and force vectors for any skeletal class and any distributed loading.

Title
Structure Stiffness and Force

Tags
180624, 1

Learning Outcome
Construct structure matrices and vectors for both force and support displacement loads exploiting symmetry/antisymmetry and deformation assumptions.

Title
Second Order Analysis

Tags
180697, 4

Learning Outcome
Derive first/second order equilibrium/compatibility equations, buckling loads/displacements, and structure elastic/geometric stiffness matrices for small trusses and single-member frames.

Title
Genetic Algorithms

Tags
180704, 8

Learning Outcome
Determine the number of FLOPS and perform the calculations for genetic algorithms with penalty/segregation fitness, tournament/roulette selection, point/uniform/blend crossover, dynamic mutation, and ranking/scoring/maximin fitness.

Title
Optimality Criteria Algorithms

Tags
180706, 7

Learning Outcome
Determine the number of FLOPS and perform the calculations for finite difference / virtual work sensitivity analysis, Kuhn-Tucker condition evaluation, and optimality criteria algorithm.

Title
Member Results

Tags
180709, 2

Learning Outcome
Construct member displacement vectors and free-body diagrams for any skeletal class.

Title
Analysis Program Organization

Tags
180711, 3

Learning Outcome
Write down the basic organization and calling structure of a structural analysis program, and complete the pseudo-code for structure level routines.

ME EN 505 - Applied Engineering Math

Course Information

Teaching Area (new)
ME EN

Course Number
505

Teaching Area
ME EN

Course Title
Applied Engineering Math

Course Description
Advanced engineering mathematics that builds a foundation for graduate mechanical engineering courses and research. Topics include tensor analysis, vector calculus, and solution methods for partial differential equations.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations

Other Prerequisites
or equivalent

Learning Outcomes

Title
Superposition

Tags
180458, 3

Learning Outcome
Applying the principle of superposition to PDE's with nonhomogeneities.

Title
Cartesian and Cylindrical Coordinates

Tags
180489, 4

Learning Outcome
Solution of PDE's in Cartesian and Cylindrical coordinates.

Title
Notation

Tags
180586, 0

Learning Outcome
Use of index or tensor notation in mathematical analysis of the equations that govern continuum mechanics.

Title
Transforms and Series

Tags
180644, 2

Learning Outcome
Applying Fourier transforms and series to the solution of PDE's and analysis of data.

Title
Separation of Variables

Tags
180664, 1

Learning Outcome
Employing separation of variables to the solution of classical (heat, Laplace, and wave equations) PDE's.

ME EN 507 - (Me En-CE En) Linear Finite Element Methods

Course Information

Teaching Area (new)
ME EN

Course Number
507

Teaching Area
ME EN

Course Title
(Me En-CE En) Linear Finite Element Methods

Course Description
Linear static finite element analysis of elastic solids; problem formulation, finite element discretization, and equation solving; stability, interpolation theory, and error estimates. Introduction to underlying continuum mechanics principles. Isogeometric analysis as a generalization of classical finite element analysis; basic principles of analysis-suitable computational geometry. Introduction to the industrial practice of finite element modeling leveraging commercial packages. Topics include CAD preprocessing, an overview of the mesh generation process and simulation model setup, and how to effectively use appropriate solution strategies for a given problem. Application domains include strength and durability, vibrations, transient structural dynamics, and multi-physics problems.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

ME EN 508 - (Me En-CE En) Structural Vibrations

Course Information

Teaching Area (new)
ME EN

Course Number
508

Teaching Area
ME EN

Course Title
(Me En-CE En) Structural Vibrations

Course Description
Dynamic analysis of single degree-of-freedom, discrete multi-degree-of-freedom, and continuous systems. Applications include aerospace, civil structures, and mechanical components.

Department
Mechanical Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- CE 321 - Structural Analysis

Other Prerequisites
CE En 321 or Me En 372 or equivalent

Learning Outcomes

Title
Application

Tags
180470, 2

Learning Outcome
Students will be able to apply the theory of structural vibrations to problems in civil or mechanical engineering.

Title
SDOF Systems

Tags
180561, 0

Learning Outcome
Students will be able to determine the response of single degree-of-freedom (SDOF) systems in free and forced vibration, with and without damping.

Title
MDOF Systems

Tags
180655, 1

Learning Outcome
Students will be able to determine the response of multi degree-of-freedom (MDOF) and continuous systems in free and forced vibration, with and without damping.

ME EN 510 - Compressible Fluid Flow

Course Information

Teaching Area (new)
ME EN

Course Number
510

Teaching Area
ME EN

Course Title
Compressible Fluid Flow

Course Description
One-dimensional analysis of compressible flow with area change, friction, heat transfer, shock waves, and combined effects, including experimental methods.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 312 - Fluid Mechanics

Other Prerequisites
Me En 312 or equivalent

Learning Outcomes

Title
Characteristics of Various Flows

Tags
180512, 2

Learning Outcome
Understand characteristics of isentropic flow, normal shock waves, oblique shock waves, Prandtl-Meyer flow, Fanno (friction) flow, Rayleigh (heat transfer) flow, and multidimensional flow.

Title
Governing Equations and Basic Principles for Compressibility

Tags
180609, 0

Learning Outcome
Understand how to start from governing equations and basic principles to solve problems where it is desired to account for compressibility.

Title
Concepts for Solving and Analyzing Compressibility Problems

Tags
180792, 1

Learning Outcome
Learn concepts needed to solve and analyze problems that account for compressibility in both internal and external flow applications.

Title
Applications, Problem Solving, and Analyzation of Results

Tags
180676, 0, 3

Learning Outcome
Discover applications where compressibility is important, how to solve problems, and analyze results. Communicate results through technical reports and presentations.

ME EN 512 - Intermediate Fluid Dynamics

Course Information

Teaching Area (new)
ME EN

Course Number
512

Teaching Area
ME EN

Course Title
Intermediate Fluid Dynamics

Course Description
Fluid transport properties, review of integral analysis, Navier-Stokes equations, exact and similarity solutions, boundary layers, vorticity, jets and wakes.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 312 - Fluid Mechanics

Other Prerequisites
or instructor's consent, Me En 505 previous or concurrent enrollment.

Recommended
Me En 505 or equivalent

Learning Outcomes

Title
Integral Methods

Tags
180515, 0

Learning Outcome
Advanced ability to employ Integral Methods for modeling fluid flow phenomena.

Title
Solutions and Methods for Analyzing

Tags
180573, 2

Learning Outcome
Understand a range of solutions and methods to analyze the Navier-Stokes equations for both simplified and complex flow fields.

Title
Modeling Specific Phenomena

Tags
180687, 3

Learning Outcome
Be able to model specific fluid flow phenomena such as creeping flows, laminar boundary layers, shear layers, jets, and wakes.

Title
Navier-Stokes Equations

Tags
180689, 1

Learning Outcome
Be able to derive the Navier-Stokes equations from an advanced understanding of fluid kinematics.

ME EN 515 - Aerodynamics

Course Information

Teaching Area (new)
ME EN

Course Number
515

Teaching Area
ME EN

Course Title
Aerodynamics

Course Description
Predict aerodynamic forces and moments, like lift and drag, for 2D airfoils, 3D wings, and rotating blades across a range of Mach and Reynolds numbers. Utilize modern computational and aerodynamic methods.

Department
Mechanical Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- ME EN 412 - Applications of Fluid Dynamics
  OR ME EN 510 - Compressible Fluid Flow
  OR ME EN 512 - Intermediate Fluid Dynamics

Learning Outcomes

Title
Flow Similarity

Tags
209798, 0, 1

Learning Outcome
Effectively use non-dimensional force coefficients and parameters in aerodynamic modeling and prediction.

Title
Incompressible Aerodynamics

Tags
209799, 0, 2

Learning Outcome
Apply potential flow theory and thin-airfoil theory to estimate forces and moments of an airfoil.

Title
Finite Wings

Tags
209800, 0, 3

Learning Outcome
Compute lift-dependent drag and span efficiency of finite wings, and demonstrate an understanding of the relationships between wing design and its aerodynamic performance.

Title
Viscous Aerodynamics

Tags
209801, 0, 4

Learning Outcome
Apply integral momentum boundary layer equations and empirical methods for laminar and turbulent boundary layers to estimate transition, separation, drag, and stall.

Title
Compressible Aerodynamics

Tags
209802, 0, 5

Learning Outcome
Demonstrate an understanding of the physical processes causing wave drag and be able to estimate wave drag.

Title
Propellers

Tags
209803, 0, 6

Learning Outcome
Predict thrust, power required, and efficiency and demonstrate an understanding of the relationships between propeller design and its aerodynamic performance.

Title
Computational Fluid Dynamics

Tags
209804, 0, 7

Learning Outcome
Use CFD software to simulate basic aerodynamic applications.

ME EN 521 - Intermediate Thermodynamics

Course Information

Teaching Area (new)
ME EN

Course Number
521

Teaching Area
ME EN

Course Title
Intermediate Thermodynamics

Course Description
Review of first and second law analysis; exergy; equations of state and other thermodynamic relations; properties of mixtures and multiphase systems; chemical reactions and equilibrium.

Department
Mechanical Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 321 - Thermodynamics

Recommended
Me En 422

Learning Outcomes

Title
First Law Analysis

Tags
180679, 0, 0

Learning Outcome
1. Each student will use conservation of mass and conservation of energy to analyze systems undergoing steady and transient processes. Each student will draw conclusions and make recommendations based on result of their evaluations.

Title
Second Law Analysis

Tags
180528, 0, 1

Learning Outcome
2. Each student will understand the concept of entropy and its statistical definition. Each student will apply the entropy balance equation or the exergy balance equation to systems undergoing steady and transient processes. Each student will draw conclusions and make recommendations regarding the efficiency of these processes.

Title
Thermodynamic Property Relationships

Tags
180589, 0, 2

Learning Outcome
3. Each student will use the state postulate and equations of state to determine relationships between properties of systems in thermodynamic equilibrium. Each student will develop relationships between measurable thermodynamic properties (P,v,T,cp) and key thermodynamic properties that cannot be directly measured (u,h,s). Each student will apply these principles in the analysis of single phase systems and in the analysis of two-phase, two-component mixtures.

Title
Applications

Tags
180474, 0, 3

Learning Outcome
4. Each student will use basic concepts and fundamental laws to analyze energy systems, power cycles and refrigeration cycles. Each student will draw conclusions regarding their performance and critically analyze possible ways to improve their performance.

ME EN 522 - Combustion

Course Information

Teaching Area (new)
ME EN

Course Number
522

Teaching Area
ME EN

Course Title
Combustion

Course Description
Introduction to first- and second-law ideal gas combustion systems along with elementary models of homogeneous and heterogeneous premixed and/or diffusion flames.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND ME EN 340 - Heat Transfer

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 373 - Chemical and Biological Engineering Thermodynamics.
  AND CBE 376 - Heat and Mass Transfer

Learning Outcomes

Title
Global Impact of Combustion Processes

Tags
180484, 0

Learning Outcome
Students will understand and appreciate the global impact of combustion processes and the wide breadth of applications.

Title
Evaluation of Systems

Tags
180574, 2

Learning Outcome
Students will be able to evaluate combustion systems using conservation of mass, energy, and heat transfer.

Title
System Analysis and Combustion Design

Tags
180592, 3

Learning Outcome
Students will be able to perform basic combustion calculations involved in system analysis and combustion design.

Title
Thermodynamic Evaluation

Tags
180681, 1

Learning Outcome
Students will be able to perform thermodynamic evaluations of combustion processes including heat release, heat of formation, temperature, and equilibrium calculations.

Title
Reaction Mechanisms

Learning Outcome
Students will understand reaction mechanisms and be able to perform calculations involving chemical kinetic reactions.

Title
Flame Types

Learning Outcome
Students will understand the physical phenomena of various flame types and apply them to commercially relevant systems.

ME EN 523 - (Me En-CE En) Aircraft Structures

Course Information

Teaching Area (new)
ME EN

Course Number
523

Teaching Area
ME EN

Course Title
(Me En-CE En) Aircraft Structures

Course Description
Requirements, objectives, loads, materials, and tools for design of airframe structures; static behavior of thin-wall structures; durability and damage tolerance; certification and testing. Airframe component team design project.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CCE 304 - Civil Engineering Materials: Metals, Woods, and Composites
  AND CE 321 - Structural Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials **AND** ME EN 372 - Mechanical System Design Fundamentals

ME EN 531 - Aerospace Structural Dynamic Testing

Course Information

Course Number
531

Teaching Area
ME EN

Course Title
Aerospace Structural Dynamic Testing

Course Description
Strategies for identifying mathematical models of dynamic systems from time and frequency response measurements, experiment design, digital data acquisition methods and modern sensors. Eigenvalue problems for lumped parameter systems and corresponding experimental modal analysis methods. Introduction to signal processing, the fast Fourier transform, and correlation of measurements with finite element models.

Department
Mechanical Engineering

When Taught
Winter Even Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- ME EN 335 - Dynamic System Modeling and Analysis **OR** PHSCS 321 - Mechanics

Learning Outcomes

Title
Analysis

Learning Outcome
Students will be able to find the natural frequencies, damping ratios and shapes of the modes of a dynamic system from a system of linear differential equations.

Title
Fourier Transform

Learning Outcome
Students will be able to use the fast Fourier transform to identify the frequency content in a signal and to solve for the steady-state and transient response of a linear system.

Title
Digital Data Acquisition

Learning Outcome
Students will be able to use modern data acquisition software to acquire measurements while avoiding aliasing and leakage.

Title
Experimental Modal Analysis

Learning Outcome
Students will be able to extract the natural frequencies, damping ratios and mode shapes from a set of frequency response functions.

Title
Test Design

Learning Outcome
Students will understand how to design a modal test, including selecting the locations of measurement sensors and input forces.

Title
Vibration Sensors

Learning Outcome
Students will be able to explain the advantages and disadvantages of common vibration sensors including: piezoelectric accelerometers, laser doppler vibrometers and strain gauges.

Title
Model Correlation

Learning Outcome
Students will employ the modal assurance criterion and cross-orthogonality to compare measured modes with those from a finite element model.

Title
Nonlinear Dynamics

Learning Outcome
Students will recognize some of the distortions that indicate the presence of nonlinearities in a dynamic measurement.

ME EN 534 - Dynamics of Mechanical Systems

Course Information

Teaching Area (new)
ME EN

Course Number
534

Teaching Area
ME EN

Course Title
Dynamics of Mechanical Systems

Course Description
Hamiltonian and Lagrangian dynamics, generalized coordinates, linear and angular momentum, Euler angles, rigid-body motions, and gyroscopic effects. Theory taught with applications integrated.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 335 - Dynamic System Modeling and Analysis

Learning Outcomes

Title
Lagrangian Method

Tags
180505, 2

Learning Outcome
Derive equations of motion of particles and rigid bodies using the method of Lagrange.

Title
Newton's Laws

Tags
180525, 1

Learning Outcome
Derive equations of motion of particles and systems of particles using Newton’s laws.

Title
Newtonian-Eulerian Methods

Tags
180622, 3

Learning Outcome
Derive equations of motion of rigid bodies using Newton-Euler methods.

Title
Numerical Solutions

Tags
180627, 4

Learning Outcome
Develop numerical solutions of equations of motion to simulate the motion of particles and rigid bodies.

Title
Kinematics

Tags
180657, 0

Learning Outcome
Describe two- and three-dimensional kinematics of particles and rigid bodies.

ME EN 535 - Mechanical Vibrations

Course Information

Teaching Area (new)
ME EN

Course Number
535

Teaching Area
ME EN

Course Title
Mechanical Vibrations

Course Description
Introduction to energy methods for system modeling, eigenvalues and mode shapes, frequency response, and spectral characterization of vibrations.

Department
Mechanical Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 335 - Dynamic System Modeling and Analysis

Other Prerequisites
or equivalent

Learning Outcomes

Title
Outcome 1:

Tags
209455, 0, 1

Learning Outcome
Model and analyze free and forced single and multi-degree of freedom systems.

Title
Outcome 2:

Tags
209456, 0, 2

Learning Outcome
Apply vibration theory to the designs of structures, engineering systems, and devices.

Title
Outcome 3:

Tags
209457, 0, 3

Learning Outcome
Model and analyze free and forced continuous systems.

Title
Outcome 4:

Tags
209458, 0, 4

Learning Outcome
Perform normal mode analysis and use mode superposition methods.

Title
Outcome 5:

Tags
209459, 0, 5

Learning Outcome
Perform modal analysis and harmonic response analysis using FEA.

Title
Outcome 6:

Tags
209460, 0, 6

Learning Outcome
Apply multiple damping models and use multiple methods to measure damping in structures.

Title
Outcome 7:

Tags
209461, 0, 7

Learning Outcome
Apply vibration analysis concepts to a real-world problem and document the analysis through well designed figures and graphics.

ME EN 536 - Autonomous Aircraft Guidance, Navigation, and Control

Course Information

Course Number
536

Teaching Area
ME EN

Course Title
Autonomous Aircraft Guidance, Navigation, and Control

Course Description
Dynamics of fixed-wing aircraft flight, stability, and control derivatives, longitudinal and lateral control design; state-space control strategies for aircraft; and autonomous aircraft applications.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 431 - (Me En-EC En 483) Design of Control Systems **OR** EC EN 483 - (EC En-Me En 431) Design of Control Systems.

Learning Outcomes

Title
Aircraft Dynamics and Motion Simulation

Learning Outcome
An understanding of aircraft dynamics including coordinate frames, aircraft state variables, dynamics, and aerodynamics. The ability to simulate aircraft motion using nonlinear moderate-fidelity models and simplified linear models.

Title
Aircraft Control Techniques and Autopilots

Learning Outcome
An understanding of common aircraft control techniques, such as successive loop closure, and how they apply to the design of longitudinal and lateral-directional autopilots.

Title
Aircraft Dynamics and Motion Simulation

Learning Outcome
An understanding of aircraft dynamics including coordinate frames, aircraft state variables, dynamics, and aerodynamics. The ability to simulate aircraft motion using nonlinear moderate-fidelity models and simplified linear models.

Title
State Estimators

Learning Outcome
The ability to design and implement estimators, including Kalman filters, to estimate aircraft states.

Title
Aircraft Control Techniques and Autopilots

Learning Outcome
An understanding of common aircraft control techniques, such as successive loop closure, and how they apply to the design of longitudinal and lateral-directional autopilots.

Title
State Estimators

Learning Outcome
The ability to design and implement estimators, including Kalman filters, to estimate aircraft states.

Title
Path Planning and Path Following Algorithms

Learning Outcome
An understanding of path planning and path following algorithms suitable for unmanned aircraft and the ability to implement them in an aircraft simulation.

Title
Path Planning and Path Following Algorithms

Learning Outcome
An understanding of path planning and path following algorithms suitable for unmanned aircraft and the ability to implement them in an aircraft simulation.

ME EN 537 - Robotics - Kinematics, Dynamics, and Control

Course Information

Teaching Area (new)
ME EN

Course Number
537

Teaching Area
ME EN

Course Title
Robotics - Kinematics, Dynamics, and Control

Course Description
In this course, we cover forward and inverse kinematics for serial robot manipulators, converting joint velocities to end-effector velocity, Lagrangian and Newton-Euler treatment of robot dynamics, basic robot manipulator control techniques, and an introduction to open questions in research on serial robot manipulation.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 335 - Dynamic System Modeling and Analysis

Recommended
ME EN 431

Learning Outcomes

Title
SO(3) and SE(3) spaces

Tags
180814, 0, 1

Learning Outcome
Students will be able to define the orientation of rigid body using the rotation group SO(3). They will also be able to describe rigid body translation and rotation using homogeneous transformation matrices and the Euclidean group SE(3).

Title
Serial Linkage Kinematics

Tags
180815, 0, 2

Learning Outcome
Students will be able to compute forward and inverse kinematic solutions for serial robot arms.

Title
Serial Linkage Dynamics

Tags
180813, 0, 3

Learning Outcome
Students will be able to derive the dynamic equations for a rigid serial manipulator using recursive Newton-Euler and Euler-Lagrange methods. Students will be able to apply these equations for numerical simulation and common control methods.

Title
Joint Space vs. Cartesian Space

Tags
180816, 0, 4

Learning Outcome
Students will understand the difference between joint space and Cartesian space and be able to use appropriate mathematical methods to move from one space to the other for both kinematics and dynamics.

Title
Robot Control

Tags
180812, 0, 5

Learning Outcome
Students will be able to implement and simulate performance for fundamental feedback control methods for serial robot arms.

Title
Applications, Terminology, and Open Questions in Robotics

Tags
180817, 0, 6

Learning Outcome
Students will learn about common robot applications and terminology, and then apply what they learn to solve an open question in the field or implement a demonstration for a final course project.

ME EN 538 - Compliant Mechanisms

Course Information

Teaching Area (new)
ME EN

Course Number
538

Teaching Area
ME EN

Course Title
Compliant Mechanisms

Course Description
Design and analysis of compliant mechanisms and compliant structures. Large-deflection analysis/force displacement relationships; mechanisms synthesis.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

Other Prerequisites
Me En 475 or concurrent enrollment; or instructor's consent

Learning Outcomes

Title
Failure

Tags
180453, 2

Learning Outcome
Analyze, predict and prevent failure of compliant mechanisms.

Title
Task-Specific Design

Tags
180486, 4

Learning Outcome
Design compliant mechanisms for specified tasks.

Title
Fundamentals of Compliant Mechanisms

Tags
180513, 0

Learning Outcome
Understand the fundamentals of compliant mechanisms, including flexibility vs. strength and displacement loads vs. force loads.

Title
Force-Displacement Relationships

Tags
180615, 3

Learning Outcome
Analyze the force-displacement relationships for compliant mechanisms.

Title
Nonlinear Deflections

Tags
180694, 1

Learning Outcome
Analyze the large, nonlinear deflections of flexible members.

ME EN 540 - Intermediate Heat and Mass Transfer

Course Information

Teaching Area (new)
ME EN

Course Number
540

Teaching Area
ME EN

Course Title
Intermediate Heat and Mass Transfer

Course Description
Analytical approaches to conduction, convection, and radiation heat transfer. Introduction to mass transfer.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 340 - Heat Transfer

Other Prerequisites
or equivalent; concurrent enrollment in Me En 505.

Learning Outcomes

Title
Conduction Heat Transfer

Tags
212585, 0, 9

Learning Outcome
Each student can develop engineering models of multi-dimensional steady and multi-dimensional transient conduction heat transfer scenarios and solve them analytically and numerically.

Title
Convection Heat Transfer

Tags
212586, 0, 10

Learning Outcome
Each student can develop engineering models of convection heat transfer scenarios using analytical approaches based on boundary layer theory for internal and external flows. Each student can apply empirical Nusselt number correlations when analytical solutions are not possible.

Title
Radiation Heat Transfer

Tags
212587, 0, 11

Learning Outcome
Each student can develop engineering models of radiation heat flux for real surfaces from intensity and radiation surface exchange for gray and spectrally selective surfaces.

Title
Mass Transfer

Tags
212588, 0, 12

Learning Outcome
Each student can develop engineering models of mass transfer by analogy with heat transfer.

Title
Advanced Solution Methodology

Tags
212589, 0, 13

Learning Outcome
Each student can implement advanced engineering mathematical methods to develop models of and obtain solutions to conduction, convection and radiation heat transfer problems and to mass transfer problems.

ME EN 541 - Computational Fluid Dynamics and Heat Transfer

Course Information

Teaching Area (new)
ME EN

Course Number
541

Teaching Area
ME EN

Course Title
Computational Fluid Dynamics and Heat Transfer

Course Description
Fluid dynamics and heat transfer analysis by numerical methods. Theory and implementation of finite difference and finite volume methods.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 312 - Fluid Mechanics
  AND ME EN 340 - Heat Transfer

Other Prerequisites
or instructor's consent

Learning Outcomes

Title
Pressure-Velocity Coupling

Tags
180468, 3

Learning Outcome
Understand concepts of control volume methods for pressure-velocity coupling.

Title
Verification and Validation Practices

Tags
180480, 1

Learning Outcome
Apply computational verification and validation practices for fluid flow and heat transfer codes.

Title
Turbulence Closure Problem

Tags
180538, 5

Learning Outcome
Understand the basic concept of the turbulence closure problem and how it leads to turbulence models.

Title
Numerical Analysis

Tags
180638, 0

Learning Outcome
Understand the fundamental concepts and techniques used in the numerical analysis of fluid flow and heat transfer.

Title
Finite Difference and Control Volume Methods

Tags
180656, 2

Learning Outcome
Solve 1D diffusion and convection-diffusion fluid flow and heat transfer problems using finite difference and control volume methods.

Title
Commercial Codes

Tags
180717, 4

Learning Outcome
Have a necessary foundation for setting up and analyzing fluid flow and heat transfer problems using commercial codes.

ME EN 550 - (Me En-EC En) Microelectromechanical Systems (MEMS).

Course Information

Teaching Area (new)
ME EN

Course Number
550

Teaching Area
ME EN

Course Title
(Me En-EC En) Microelectromechanical Systems (MEMS).

Course Description
Design, fabrication, and applications of MEMS. Mechanical properties governing their design and reliability and the processing technologies used to fabricate them.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- EC EN 450 - Introduction to Semiconductor Devices

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 372 - Mechanical System Design Fundamentals

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Tools and Processes

Tags
180462, 1

Learning Outcome
2. Be familiar with the tools and processes used in micromaching of microelectromechanical systems (MEMS).

Title
Analyze and Design

Tags
180557, 2

Learning Outcome
3. Use principles of physics to analyze and design MEMS, including sensors and actuators.

Title
Mechanical Performance

Tags
180718, 0

Learning Outcome
1. Use mechanics principles to analyze the mechanical performance of microsystems.

ME EN 552 - Neuromechanics of Movement

Course Information

Teaching Area (new)
ME EN

Course Number
552

Teaching Area
ME EN

Course Title
Neuromechanics of Movement

Course Description
Biomechanics and neural control of human movement. Principles of mechanical engineering (system dynamics, control) and physiology (motor neuroscience, musculoskeletal biomechanics) are combined to model and simulate how humans plan, control, learn, and adapt their movements.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 335 - Dynamic System Modeling and Analysis

Other Prerequisites
or instructor's consent

Learning Outcomes

Title
Simulate Human Movement

Tags
209449, 0, 3

Learning Outcome
3. Use programming and numerical methods to simulate human movement.

Title
Nervous and Musculoskeletal Systems Interaction

Tags
209447, 0, 1

Learning Outcome
1. Understand how the nervous and musculoskeletal systems interact during movement.

Title
Apply Basic Principles to Model Human Movement

Tags
209448, 0, 2

Learning Outcome
2. Apply basic principles of system dynamics, robotics, and control to model human movement.

Title
Motor Learning and Planning

Tags
209450, 0, 4

Learning Outcome
4. Understand, model, and/or simulate motor learning and planning.

Title
Motor Control

Tags
209451, 0, 5

Learning Outcome
5. Learn, create, and share a hands-on project related to motor control.

ME EN 553 - Mechanical Behavior of Materials

Course Information

Teaching Area (new)
ME EN

Course Number
553

Teaching Area
ME EN

Course Title
Mechanical Behavior of Materials

Course Description
Engineering methods for modeling deformation, fracture and fatigue of materials, including metals, polymers, composites and ceramics. Deformation modes include elastic, plastic, viscoelastic and creep.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- **AND** ME EN 250 - Science of Engineering Materials

Learning Outcomes

Title
Crystal Structure and Material Defects

Tags
214044, 0, 1, 2023-08-29 10:53:54

Learning Outcome
Identify and describe the influence of crystal structure and material defects on tensile and fracture properties.

Title
Stress Concentration

Tags
214045, 0, 2, 2023-08-29 10:53:57

Learning Outcome
Describe the effects of a stress concentration as well as its influence on the fracture and fatigue life of a structural member.

Title
Griffith Crack Criteria

Tags
214046, 0, 3, 2023-08-29 10:53:59

Learning Outcome
Describe the principles of the Griffith Crack Criteria and its application to brittle materials, and its extension to ductile materials.

Title
Failure Design Philosophy

Tags
214047, 0, 4, 2023-08-29 10:54:09

Learning Outcome
Describe the Failure Design Philosophy and apply it to materials selection in an engineering application.

Title
Member Life Prediction

Tags
214048, 0, 5, 2023-08-29 10:54:10

Learning Outcome
Predict the life of a structural member of known material properties given the loading conditions and a known flaw size.

Title
Impact of Microstructure Features

Tags
214049, 0, 6, 2023-08-29 10:54:12

Learning Outcome
Describe the impact of various microstructure features on tensile, fracture and fatigue properties.

Title
Class Selection

Tags
214050, 0, 7, 2023-08-29 10:54:13

Learning Outcome
Select an appropriate material class given functional requirements, fatigue and fracture.

ME EN 554 - Kinetics of Materials

Course Information

Teaching Area (new)
ME EN

Course Number
554

Teaching Area
ME EN

Course Title
Kinetics of Materials

Course Description
A unified treatment of kinetic processes in materials,including transport, chemical reactions, phase transformations, and microstructure evolution. Emphasis is placed on crystalline materials, but application to glasses, polymers and other material systems are discussed throughout. Specific topics include: kinetic theory of gases,rate theory, reaction kinetics, irreversible thermodynamics,diffusion in a broad spectrum of material classes (both atomistic mechanisms and phenomenological/continuum level models), influence of defects of diffusion, evolution of surfaces, phase transformations (solidification, nucleation and growth, spinodal decomposition), coarsening, grain growth, and morphological instabilities. \n

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

AND ME EN 250 - Science of Engineering Materials

Other Prerequisites
Or Instructor Consent

Learning Outcomes

Title
1. Irreversible Thermodynamics

Tags
209485, 0, 1

Learning Outcome
Use the coupling between generalized forces (gradients of intensive thermodynamic variables) and generalized fluxes (of extensive thermodynamic variables) to predict the response of materials to changing conditions.

Title
2. Rate Theory & Activated Processes

Tags
209486, 0, 2

Learning Outcome
Apply the principles of rate theory (rate constants, equilibrium constants, etc.) and activated processes (energy barriers, etc.) to model various kinetic phenomena.

Title
3. Diffusion

Tags
209487, 0, 3

Learning Outcome
Describe diffusion mechanisms in various classes of materials and use appropriate models to make predictions.

Title
4. Discontinuous Phase Transformations

Tags
209488, 0, 4

Learning Outcome
Understand the mechanisms of discontinuous phase transformations (solidification, nucleation and growth, etc.), the characteristics of resulting microstructures, and be able to apply existing models for these kinetic phenomena.

Title
5. Continuous Phase Transformation

Tags
209489, 0, 5

Learning Outcome
Understand the mechanisms of continous phase transformation (spinodal decomposition, ordering, etc.), the characteristics of resulting microstructures, and be able to apply existing models for these kinetic phenomena.

Title
6. Shape Evolution

Tags
209490, 0, 6

Learning Outcome
Predict how the macroscopic shape and microstructure of materials will evolve under various conditions based on principles of driving forces and mechanisms of shape evolution (coarsening, grain growth, sintering, morphological instabilities, etc.).

Title
7. Micro-to Macro-

Tags
209491, 0, 7

Learning Outcome
Predict macroscopic (e.g. thermodynamics) behavior from models of atomic and/or microscopic phenomena and mechanisms.

ME EN 555 - Biomechanical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
555

Teaching Area
ME EN

Course Title
Biomechanical Engineering

Course Description
Mechanics of biological systems. A continuum mechanics-based approach to the structure, function, mechanical response, and active remodeling of hard and soft tissues of the body.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.25

No Requirements

Other Prerequisites
or equivalent.

Learning Outcomes

Title
Physiologic Systems

Tags
180472, 4

Learning Outcome
Utilize mechanical engineering principles to evaluate the mechanics of physiologic systems in the human body.

Title
Hard and Soft Tissues

Tags
180495, 0

Learning Outcome
Describe the structure, function, mechanical properties, and active remodeling of hard and soft tissues.

Title
Ethics

Tags
180530, 5

Learning Outcome
Develop an approach for resolving ethical dilemmas related to biomedical engineering.

Title
Finite Deformation Analysis

Tags
180533, 3

Learning Outcome
Apply finite deformation analysis to compute soft tissue strains based on marker motion.

Title
Skeletal Dynamics and Joint Reaction Forces

Tags
180618, 2

Learning Outcome
Compute skeletal dynamics and joint reaction forces during human locomotion.

Title
Muscles

Tags
180636, 1

Learning Outcome
Describe muscle structure, muscle force sharing, passive and active muscle response.

Title
Independent Research Project

Tags
209068, 0, 6

Learning Outcome
Propose, develop, present, and write a technical paper on a short team research project related to biomechanics.

ME EN 556 - Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations

Course Information

Teaching Area (new)
ME EN

Course Number
556

Teaching Area
ME EN

Course Title
Materials Modeling: Methods in Atomistic, Mesoscale, and Continuum Simulations

Course Description
Theory and application of various computer simulations to model, understand, and predict the properties of real materials. Specific topics include: first-principles atomistic models, empirical potential atomistic models, mesoscale models, and continuum finite element analysis.

Department
Mechanical Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
0.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials
  AND ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering

OR

Prerequisites

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials
  AND ME EN 275 - Computational Methods in Engineering

Recommended
CHEM 467

Learning Outcomes

Title
Diverse Modeling Techniques

Tags
180880, 1

Learning Outcome
1. Gain an understanding of the different materials modeling techniques as well as an appreciation for their strengths, weaknesses and limitations.

Title
Physical Phenomena

Tags
180881, 4

Learning Outcome
2. Describe the various physical phenomena governing material behavior at different length scales, either in terms of continuum, thermodynamic descriptions or discrete particles and their interactions.

Title
Continuum Techniques

Tags
180882, 5

Learning Outcome
3. Use FEA techniques to model continuum phenomena and develop a system of equations for their evolution.

Title
First principles Techniques

Tags
180883, 6

Learning Outcome
4. Gain an understanding of the quantum mechanical nature of atomic interactions.

Title
Atomistic Techniques

Tags
180884, 2

Learning Outcome
5. Develop the equations and code to simulate atomistic interactions, and run commercial scale simulations.

Title
Mesoscale Techniques

Tags
180885, 3

Learning Outcome
6. Simulate intermediate scale phenomena using an appropriate mesoscale model.

ME EN 557 - Materials in Extreme Environments

Course Information

Teaching Area (new)
ME EN

Course Number
557

Teaching Area
ME EN

Course Title
Materials in Extreme Environments

Course Description
This class introduces students to models and empirical data that predict safe operational ranges for materials in high temperature, irradiated, and corrosive environments.\nMethods to measure material properties and performance in each environment are discussed, as well as the fundamental mechanisms that cause changes in material properties. \n

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials

OR

Prerequisites

Complete ALL of the following Courses:

- CBE 378 - Science of Engineering Materials

ME EN 558 - Metallurgy

Course Information

Teaching Area (new)
ME EN

Course Number
558

Teaching Area
ME EN

Course Title
Metallurgy

Course Description
Fundamental principles of physical metallurgy and their application to design.

Department
Mechanical Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Phase Diagrams

Tags
180501, 2

Learning Outcome
Be able to draw, describe and use phase diagrams associated with commonly used engineering materials.

Title
Point and Line Defects

Tags
180516, 1

Learning Outcome
Describe the interactions of point and line defects and their effects on mechanical properties.

Title
Thermodynamics of Nucleation

Tags
180532, 5

Learning Outcome
Describe the thermodynamics and prevalence of both homogeneous and heterogeneous nucleation.

Title
Hardening Mechanisms

Tags
180564, 7

Learning Outcome
Describe the theory behind the different hardening mechanisms of solid materials.

Title
Characterization Techniques

Tags
180594, 0

Learning Outcome
Describe common material characterization techniques and their strengths and limitations.

Title
Isothermal Transformations

Tags
180603, 6

Learning Outcome
Describe the effect of nucleation and growth kinetics on isothermal transformations.

Title
Diffusion

Tags
180631, 4

Learning Outcome
Model non-steady state diffusion in solid materials and predict the difference as a function of time, temperature and species.

Title
Evolution of Microstructure

Tags
180652, 3

Learning Outcome
Describe/model the evolution of microstructure under non-steady state conditions.

ME EN 561 - (Me En-Phscs) Fundamentals of Acoustics.

Course Information

Teaching Area (new)
ME EN

Course Number
561

Teaching Area
ME EN

Course Title
(Me En-Phscs) Fundamentals of Acoustics.

Course Description
Vibrating systems, elastic media, mechanical energy, and radiation. Sound generation, transmission, reflection, and reception.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 318 - Introduction to Mathematical Physics

Other Prerequisites
or equivalent; Phscs 461 or concurrent enrollment

Recommended
Phscs 318, 321; or equivalents

Learning Outcomes

Title
Sound

Tags
214684, 0, 1

Learning Outcome

Understand physical phenomena underlying sound propagation including energy, intensity, plane waves, standing waves/normal modes, Helmholtz resonators, reflection, transmission, refraction, and absorption. Apply the acoustic wave equation in one, two, and three dimensional systems.

Title
Communication

Tags
214686, 0, 2

Learning Outcome

Communicate effectively with others in the class as you work together to learn the material and solve problems. Practice respect and professionalism in your communications both oral and written as you work in groups on the assignments.

ME EN 570 - (Me En-CE En) Computer-Aided Engineering Software Development

Course Information

Teaching Area (new)
ME EN

Course Number
570

Teaching Area
ME EN

Course Title
(Me En-CE En) Computer-Aided Engineering Software Development

Course Description
Programming methods for development of engineering software. Data structures, architecture, libraries, and graphical user interfaces, with applications to CAD systems.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
  OR ME EN 275 - Computational Methods in Engineering

Other Prerequisites
or C programming

Learning Outcomes

Title
Graphical User Interfaces

Tags
180660, 3

Learning Outcome
Ability to create graphical user interfaces that facilitate ease of use.

Title
Complex Algorithms

Tags
180690, 0

Learning Outcome
Ability to develop complex algorithms.

ME EN 572 - Design for Additive Manufacturing

Course Information

Teaching Area (new)
ME EN

Course Number
572

Teaching Area
ME EN

Course Title
Design for Additive Manufacturing

Course Description
This course explores the past, present, and future of additive manufacturing (AM), including how it enables mass customization and increased design complexity. Lab experiences focus on preparing 3D models, operating several types of AM systems, and post processing finished parts. Students apply "Design for AM" principles to adapt existing part designs for AM and design new products that capitalize on the possibilities only available through AM.

Department
Mechanical Engineering

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials

AND MFGEN 140 - Manufacturing Design

OR

Prerequisite

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials

AND ME EN 272 - Engineering Graphics--Principles and Applications

ME EN 573 - Design of Medical Devices

Course Information

Course Number
573

Teaching Area
ME EN

Course Title
Design of Medical Devices

Course Description
This interdisciplinary course aims to provide a comprehensive and practical understanding of the design, development, and deployment of medical devices. Rooted in mechanical engineering, the course integrates key principles from biomedicine, materials science, quality assurance, and intellectual property law. With a focus on real-world application, students will engage in case studies, a hands-on project, and team-based design exercises that simulate the challenges and opportunities within the medical device industry.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 382 - Manufacturing Processes

Recommended
BIO 100
ME EN 351

Learning Outcomes

Title
Medical device design life cycle

Learning Outcome
Explain in detail each step of the medical device design life cycle and apply it correctly to a course project.

Title
Ethics, standards, regulation, and quality control

Learning Outcome
Correctly navigate ISO standards, safety, ethical, the regulatory frameworks, and quality controls and apply them correctly to design case studies or scenarios.

Title
Innovative approaches

Learning Outcome
Apply innovative approaches such as bio-inspired design and adaptive design for specific populations (e.g. male, female, age-specific populations) in case studies and/or a course project.

Title
Intellectual property

Learning Outcome
Understand intellectual property (IP) considerations involved in medical device design and estimate an IP pathway and timeline for an example project.

Title
Practical experience

Learning Outcome
Demonstrate competence in device specification, execution, validation, and verification on a medical industry-relevant project.

ME EN 575 - (Me En-CE En) Optimization Techniques in Engineering.

Course Information

Teaching Area (new)
ME EN

Course Number
575

Teaching Area
ME EN

Course Title
(Me En-CE En) Optimization Techniques in Engineering.

Course Description
Application of computational optimization techniques to constrained engineering design. Theory and application of gradient-based and gradient-free algorithms for unconstrained and constrained nonlinear problems. Robust design methods.

Department
Mechanical Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables

Other Prerequisites
Scientific computing.

ME EN 576 - Product Design

Course Information

Teaching Area (new)
ME EN

Course Number
576

Teaching Area
ME EN

Course Title
Product Design

Course Description
Emerging design methodology and design strategies for complex systems, including decomposition methods and sensitivity analysis. Advanced CAD/CAE/CAM technologies applied to design.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 475 - Integrated Product and Process Design 1

Other Prerequisites
or instructor's consent

Learning Outcomes

Title
Product Development Process

Tags
180502, 0

Learning Outcome
Developing and executing a suitable product development process that meets the specific needs of a product’s design or the needs of a specific design environment.

ME EN 577 - Uncertainty Quantification

Course Information

Teaching Area (new)
ME EN

Course Number
577

Teaching Area
ME EN

Course Title
Uncertainty Quantification

Course Description
The theory and practice of for assessing the influence of uncertainty on the behavior of systems, models, and corresponding predictions. Students will apply uncertainty quantification methods to example models and a system/model of their choice. \n

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables

Other Prerequisites
Recommended courses: Any introductory statistics course (e.g. STAT 201, etc.). Previous computer programming experience (any language). Mechanical Engineering students must have taken or be enrolled in ME 362. CS majors may enroll by permission of the instructor.

ME EN 578 - Systems Engineering and CAD Applications

Course Information

Teaching Area (new)
ME EN

Course Number
578

Teaching Area
ME EN

Course Title
Systems Engineering and CAD Applications

Course Description
Principles and practices involved in systems engineering and design with related applications in advanced CAD models generation, optimization, and automation.

Department
Mechanical Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ME EN 273 - Introduction to Scientific Computing and Computer-Aided Engineering
  AND ME EN 475 - Integrated Product and Process Design 1
  AND STAT 201 - Statistics for Engineers and Scientists

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 275 - Computational Methods in Engineering
  AND ME EN 475 - Integrated Product and Process Design 1
  AND STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Programming Proficiency

Tags
180526, 0, 0, 2019-09-24 13:48:11

Learning Outcome
Develop skills in programming applied to systems engineering problems and CAD applications.

Title
Optimization and Integration Software

Tags
180567, 0, 1, 2019-09-24 13:48:11

Learning Outcome
Use and program optimization and integration frameworks to optimize programmatic systems engineering and CAD/CAE applications.

Title
Advanced Systems Design Models

Tags
180467, 0, 2, 2019-09-24 13:48:11

Learning Outcome
Learn and demonstrate the use of advanced systems design models such as discrete event simulation, agent based Modeling, system dynamics, and surrogate modeling techniques for rapid systems design space exploration.

Title
Visualization and Decision-Making Techniques

Tags
180693, 0, 3, 2019-09-24 13:48:11

Learning Outcome
Understand and apply visualization and decision making techniques for multi-dimensional spaces for systems-level decision analysis and optimization.

Title
Systems Analysis Principles

Tags
180639, 0, 4, 2019-09-24 13:48:11

Learning Outcome
Understand and apply basic systems analysis principles and techniques such as feasibility studies, requirements development, Monte Carlo simulations, life cycle cost analysis, complexity, Lean Six Sigma, system-of-systems, game theory, risk assessment, uncertainty analysis, etc.

Title
Proof-of-Concept

Tags
180492, 0, 5, 2019-09-24 13:48:11

Learning Outcome
Develop a proof-of-concept for an industry or research sponsored systems engineering application.

Title
Collaboration

Tags
180554, 0, 6, 2019-09-24 13:48:11

Learning Outcome
Work in collaboration with fellow teammates to accomplish both the learning of the technique and the executing of the systems engineering project.

ME EN 579 - Global Product Development

Course Information

Teaching Area (new)
ME EN

Course Number
579

Teaching Area
ME EN

Course Title
Global Product Development

Course Description
Preparing students to be leaders in globally-influenced product development organizations. Includes visits to U.S. and overseas companies and universities.

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 476 - Product Development 2 - Capstone

Other Prerequisites
Me En 475 or equivalents; senior or graduate status

Learning Outcomes

Title
Effects of Globalization

Tags
180559, 4

Learning Outcome
Understand how globalization affects us.

Title
Outsourcing

Tags
180580, 3

Learning Outcome
Understand why outsourcing is such a big deal with companies.

Title
Global Product Development Issues

Tags
180583, 0

Learning Outcome
Understand issues associated with a global product development including developing product needs in unfamiliar cultures, managing distributed design teams and manufacturing at remote and/or distributed sites. Appreciate first-hand how global companies approach these issues.

Title
Global Product Development Challenges

Tags
180641, 2

Learning Outcome
Appreciate the challenges in managing product development across different countries, cultures and languages, and how companies apply appropriate tools and processes to address these challenges.

Title
Integrated Nature of a Global Economy

Tags
180670, 6

Learning Outcome
Appreciate the integrated nature of business, engineering, law and other disciplines in a global economy.

Title
Global Design Strategies

Tags
180678, 1

Learning Outcome
Understand design strategies in a global environment.

Title
Design and Manufacturing Capabilities in Other Countries

Tags
180705, 5

Learning Outcome
Understand the design and manufacturing capabilities of other countries and how companies leverage these capabilities (work with, deal with, manage) in a cross cultural team environment.

ME EN 585 - Deep Learning for Engineers

Course Information

Course Number
585

Teaching Area
ME EN

Course Title
Deep Learning for Engineers

Course Description
Design and implement neural networks in an engineering context. Focus on unique architectures and approaches for engineers which incorporate prior physical knowledge, domain constraints, and established scientific algorithms.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete at least 1 of the following courses:
- MATH 302 - Mathematics for Engineering 1
  OR MATH 314 - Calculus of Several Variables

Other Prerequisites
Scientific Computing

Learning Outcomes

Title
Mathematical Foundations

Learning Outcome
Explain and apply the mathematical foundations of deep learning, including backpropagation, optimization, and cross-validation.

Title
Architectures

Learning Outcome
Design and implement engineering-focused architectures such as physics-informed neural networks (PINNs), neural ODEs, neural Koopman models, convolutional networks, graph networks, Kolmogorov-Arnold networks, and neural operators.

Title
Incorporate Physics

Learning Outcome
Develop and train models that integrate prior knowledge, domain constraints, physical laws, differential equations, and/or other engineering and mathematical relationships.

Title
Evaluate Model Suitability

Learning Outcome
Evaluate and verify model performance measures such as accuracy, uncertainty, generalization, interpretability, and scalability.

Title
Assess Emerging Methods

Learning Outcome
Critically assess contemporary research in deep learning for scientific and engineering domains, including emerging architectures and methodologies.

Title
Engineering Project

Learning Outcome
Formulate and execute a research or engineering project using advanced deep learning methods, demonstrating creativity, rigor, and domain relevance.

Title
Software Tools

Learning Outcome
Utilize modern software tools and frameworks (e.g., PyTorch) and hardware accelerators (e.g., GPUs) to build scalable and reproducible deep learning workflows.

ME EN 595R - Topics in Materials

Course Information

Teaching Area (new)
ME EN

Course Number
595R

Teaching Area
ME EN

Course Title
Topics in Materials

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Technical Writing

Tags
180731, 1

Learning Outcome
Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation.

Title
Application of Principles

Tags
180733, 2

Learning Outcome
Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches.

ME EN 595R - Topics in Mechanical Design

Course Information

Teaching Area (new)
ME EN

Course Number
595R

Teaching Area
ME EN

Course Title
Topics in Mechanical Design

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Technical Writing

Tags
180680, 2

Learning Outcome
Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation.

Title
Application of Principles

Tags
180696, 1

Learning Outcome
Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches.

ME EN 595R - Advanced Dynamics

Course Information

Teaching Area (new)
ME EN

Course Number
595R

Teaching Area
ME EN

Course Title
Advanced Dynamics

Department
Mechanical Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
18

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Technical Writing

Tags
180730, 1

Learning Outcome
Students will develop technical communication writing skills through writing a report and/or presenting an oral presentation.

Title
Application of Principles

Tags
180732, 2

Learning Outcome
Students will increase their ability to apply engineering principles through design, experimentation, analysis, or other engineering approaches.

ME EN 595R - Special Topics in Mechanical Engineering

Course Information

Teaching Area (new)
ME EN

Course Number
595R

Teaching Area
ME EN

Course Title
Special Topics in Mechanical Engineering

Department
Mechanical Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
18

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent.

Learning Outcomes

Title
Topic Understanding

Tags
180669, 0

Learning Outcome
Students will develop an understanding of a timely topic in mechanical engineering.

ME EN 634 - Autonomous Aircraft Guidance, Navigation, and Control

Course Information

Teaching Area (new)
ME EN

Course Number
536

Teaching Area
ME EN

Course Title
Autonomous Aircraft Guidance, Navigation, and Control

Course Description
Dynamics of fixed-wing aircraft flight, stability, and control derivatives, longitudinal and lateral control design; state-space control strategies for aircraft; and autonomous aircraft applications.

Department
Mechanical Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- ME EN 431 - (Me En-EC En 483) Design of Control Systems **OR** EC EN 483 - (EC En-Me En 431) Design of Control Systems.

Learning Outcomes

Title
Aircraft Dynamics and Motion Simulation

Tags
214051, 0, 1, 2023-08-29 10:55:04

Learning Outcome
An understanding of aircraft dynamics including coordinate frames, aircraft state variables, dynamics, and aerodynamics. The ability to simulate aircraft motion using nonlinear moderate-fidelity models and simplified linear models.

Title
Aircraft Control Techniques and Autopilots

Tags
214052, 0, 2, 2023-08-29 10:55:06

Learning Outcome
An understanding of common aircraft control techniques, such as successive loop closure, and how they apply to the design of longitudinal and lateral-directional autopilots.

Title
State Estimators

Tags
214053, 0, 3, 2023-08-29 10:55:08

Learning Outcome
The ability to design and implement estimators, including Kalman filters, to estimate aircraft states.

Title
Path Planning and Path Following Algorithms

Tags
214054, 0, 4, 2023-08-29 10:55:10

Learning Outcome
An understanding of path planning and path following algorithms suitable for unmanned aircraft and the ability to implement them in an aircraft simulation.

ME EN 655 - Advanced Biomechanical Engineering

Course Information

Course Number
655

Teaching Area
ME EN

Course Title
Advanced Biomechanical Engineering

Course Description
Advanced mechanics of biological systems. A continuum mechanics-based approach to the structure, function, mechanical response, and active remodeling of hard and soft tissues of the body.

Department
Mechanical Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:
- ME EN 351 - Fundamentals of Biomedical Engineering
- CBE 351 - Fundamentals of Biomedical Engineering

Other Prerequisites
Must have graduate standing in the university

Note
Only ME EN 555 or ME EN 655 (not both) can be applied towards graduation requirements

Learning Outcomes

Title
Hard and Soft Tissues

Learning Outcome
Describe the structure, function, mechanical properties, and active remodeling of hard and soft tissues.

Title
Muscles

Learning Outcome
Describe muscle structure, muscle force sharing, passive and active muscle response.

Title
Skeletal Dynamics and Joint Reaction Forces

Learning Outcome
Compute skeletal dynamics and joint reaction forces during human locomotion.

Title
Finite Deformation Analysis

Learning Outcome
Apply finite deformation analysis to compute soft tissue strains based on marker motion.

Title
Physiologic Systems

Learning Outcome
Utilize mechanical engineering principles to evaluate the mechanics of physiologic systems in the human body.

Title
Ethics

Learning Outcome
Develop an approach for resolving ethical dilemmas related to biomedical engineering.

Title
Independent Research Project

Learning Outcome
Propose, develop, present, and write a technical paper on a research project related to biomechanical engineering

Title
Research Mentoring

Learning Outcome
Mentor a team of graduate and undergraduate students on a research project related to biomechanical engineering

Title
Divine Design

Learning Outcome
Develop an appreciation for God the Creator by studying the engineering design principles that can be observed in the hierarchical structure, systematic integration, metamaterials, stress remodeling response, and dynamic mechanical behavior of the human body.

MESA 201 - Introduction to Middle East Studies

Course Information

Teaching Area (new)
MESA

Course Number
201

Teaching Area
MESA

Course Title
Introduction to Middle East Studies

Course Description
Introduction to Middle East from historical, art/literary, and various social science perspectives, including introduction to disciplinary methodologies and major issues of interest.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Introduction to the Study of the Middle East

Tags
200122, 0

Learning Outcome
This course identifies major areas of study necessary to understand the culture, context, and areas of current concern in the Middle East and poses questions as to how we may go about learning.

MESA 250 - Introduction to the Religion of Islam

Course Information

Teaching Area (new)
MESA

Course Number
250

Teaching Area
MESA

Course Title
Introduction to the Religion of Islam

Course Description
Exploring the rise of Islam, the life of Muhammad, basic beliefs and practices, major figures and movements, and contemporary political and social issues.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Introduction to Religion of Islam

Tags
200115, 0

Learning Outcome
Study of the sources, history, principles of religion, law, and practice from the founding of Islam until the present period.

MESA 300 - Professional Development in International Studies

Course Information

Teaching Area (new)
MESA

Course Number
300

Teaching Area
MESA

Course Title
Professional Development in International Studies

Course Description
Focus on the following topics, with application to training in Middle East Studies: career exploration, internship planning, graduate school exploration and planning, developing a professional resume and web presence, and career networking.??Students will attend several career-related lectures of their choosing, and complete assignments designed to support their professional development after graduation.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
MESA 201; MESA 201; Students should take this course during their second or third year in the major.

MESA 320 - The Qur'an in English

Course Information

Teaching Area (new)
MESA

Course Number
320

Teaching Area
MESA

Course Title
The Qur'an in English

Course Description
Students examine and assess interpretations of the Qur'an in English, studying the historical, theological, and literary aspects of the Qur'anic text. \n\n

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MESA 250

MESA 350 - Islam in Contemporary Society

Course Information

Teaching Area (new)
MESA

Course Number
350

Teaching Area
MESA

Course Title
Islam in Contemporary Society

Course Description
Islam in modern society: doctrine, practices, institutions, approaches to the challenges of modern life; the rise of fundamentalism.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MESA 250 - Introduction to the Religion of Islam

Learning Outcomes

Title
MESA 350 Contemporary Islam

Tags
200112, 0

Learning Outcome
Class on issues which face contemporary Muslims throughout world.

MESA 380 - Middle Eastern Field Studies

Course Information

Teaching Area (new)
MESA

Course Number
380

Teaching Area
MESA

Course Title
Middle Eastern Field Studies

Course Description
Topics include the history, archeology, religion, society, and politics of the region. Visit key sites described in both the Old and New Testaments, monuments of the Hebrew and Roman worlds, as well as sites of historical and contemporary social and political relevance. Assess the rich historical and spiritual legacy of biblical Israel, patterns of political and social development in the 20th century, including the founding of the state of Israel. Examine the history of the Israeli-Palestinian conflict, contemporary domestic social and political issues in Israel and Palestine, attempts at conflict resolution, and opportunities for future political development.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
ARAB 300

Recommended
MESA 201. ARAB 300.

Note
This is a two-week course designed for Study Abroad.

MESA 398R - Directed Middle East Study

Course Information

Teaching Area (new)
MESA

Course Number
398R

Teaching Area
MESA

Course Title
Directed Middle East Study

Course Description
Study and research in the Middle East.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Instructor's consent; Middle East Studies/Arabic coordinator's consent

Learning Outcomes

Title
Directed Reading

Tags
200109, 0

Learning Outcome
This course is for students who wish to follow a well-defined, advanced course of study achieved through readings, research and critique supervised by a professor.

MESA 399R - Academic Internship

Course Information

Teaching Area (new)
MESA

Course Number
399R

Teaching Area
MESA

Course Title
Academic Internship

Course Description
Individualized work or volunteer experience in the Middle East or with an organization dealing with the Middle East. Must be coordinated through International Study Programs or the Washington Seminar and with the consent of the Middle East Studies/Arabic coordinator.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Other Prerequisites
Middle East Studies/Arabic coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Knowledge

Tags
200144, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting.

MESA 467R - Topics in Middle East Studies

Course Information

Teaching Area (new)
MESA

Course Number
467R

Teaching Area
MESA

Course Title
Topics in Middle East Studies

Course Description
Topics vary.

Department
International and Area Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Topics courses are narrowly-defined classes offered sporadic

Tags
200111, 0

Learning Outcome
Substantative Research PapersLibrary/Internet Research

MESA 494 - Capstone Arabic

Course Information

Teaching Area (new)
MESA

Course Number
494

Teaching Area
MESA

Course Title
Capstone Arabic

Course Description
Readings in Arabic texts supporting research for the MESA capstone seminar.

Department
International and Area Studies

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ARAB 300 - Advanced Modern Standard Arabic
  AND ARAB 302 - Newspaper Arabic

Learning Outcomes

Title
Capstone Arabic

Tags
200103, 0

Learning Outcome
Capstone Arabic provides an advanced course in reading Arabic primary and secondary sources for Capstone Seminar research.

MESA 495 - Senior Seminar in Middle East Studies

Course Information

Teaching Area (new)
MESA

Course Number
495

Teaching Area
MESA

Course Title
Senior Seminar in Middle East Studies

Course Description
Capstone course, including major research paper demonstrating ability to integrate cross-disciplinary information and methodology.

Department
International and Area Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ARAB 302 - Newspaper Arabic
  AND POLI 200 - Political Inquiry

OR

Prerequisites

Complete ALL of the following Courses:

- ARAB 302 - Newspaper Arabic
  AND HIST 200 - The Historian's Craft.

Learning Outcomes

Title
Capstone Seminar MESA 495R

Tags
200113, 0

Learning Outcome
The Capstone Seminar is the final course in the major. It combines in-depth research on a narrow topic with a research, analysis and writing of a substantive research paper in multiple drafts utilizing peer reviews at two stages, an oral presentation of findings, and research utilizing Arabic sources.

MFGEN 130 - Introduction to Manufacturing Engineering

Course Information

Teaching Area (new)
MFGEN

Course Number
130

Teaching Area
MFGEN

Course Title
Introduction to Manufacturing Engineering

Course Description
Students will gain an understanding of manufacturing engineering as an integrated discipline that connects materials, processes, design, quality, and sustainability. The course also covers the diverse career paths available to manufacturing engineers after graduation.

Department
Manufacturing Engineering

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Manufacturing Concepts I

Tags
208603, 0, 3

Learning Outcome
Objective: Students will understand the four pillars of manufacturing and the role of each pillar in the manufacturing discipline: 1. Materials and Manufacturing Processes, 2. Product, Tooling and Assembly Engineering, 3. Manufacturing Systems and Operations, and 4. Manufacturing Competitiveness. 7. New Knowledge

Title
Manufacturing Concepts II

Tags
208604, 0, 4

Learning Outcome
Students will become familiar with the discipline of manufacturing engineering, including sub-disciplines and career opportunities available to graduates of the program. Link to Program Outcomes: 7. New Knowledge

Title
Manufacturing Curriculum and Program Structure

Tags
181275, 1

Learning Outcome
Students will become familiar with the manufacturing engineering program at BYU, including curriculum, advisement resources, faculty members, and undergraduate research opportunities.

MFGEN 140 - Manufacturing Design

Course Information

Course Number
140

Teaching Area
MFGEN

Course Title
Manufacturing Design

Course Description
This course will introduce students to a manufacturing engineering design process, technical sketching, parametric modeling and design, tolerance specification, documentation drawing and assembly modeling.

Department
Manufacturing Engineering

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Communication

Learning Outcome
Students will communicate ideas and concepts through technical sketches.

Title
Manufacturing Concepts, 1

Learning Outcome
Students will interpret the design intent of an engineering drawing through reading and understanding the dimensions and tolerances. 2.

Title
Manufacturing Concepts, 2

Learning Outcome
Students will apply the appropriate dimensions and tolerances, coordinate and geometric, to a part/engineering drawing to represent the desired function/form/fit.

Title
Manufacturing Design

Learning Outcome
Students will use CAD tools to create three-dimensional models of parts and assemblies, and their associated engineering drawings.

MFGEN 220 - Material Removal

Course Information

Teaching Area (new)
MFGEN

Course Number
220

Teaching Area
MFGEN

Course Title
Material Removal

Course Description
Methods and procedures to shape materials using basic machine tools; cutting theory, tool selection, metrology methods, and machine operation. Introduction to computer numerical control.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 140 - Manufacturing Design
  AND MATH 111 - Trigonometry
  AND MFGEN 130 - Introduction to Manufacturing Engineering

Other Prerequisites
MFGEN 130 and MFGEN 140 can be taken concurrently

Learning Outcomes

Title
Safety

Tags
181238, 0

Learning Outcome
Students will apply appropriate shop safety principles and precautions while working in a manufacturing environment. (Student Outcome 1)

Title
Machining Processes

Tags
181282, 1

Learning Outcome
Students will apply correct principles of cutting metals and non-metals with various machine tools and a variety of cutting tools. (Student Outcome 1) 1. Metrology 2. Speeds and Feeds 3. Hand Tools 4. Engine Lathe 5. Manual Mills 6. Drilling 7. Saws 8. CNC Programming for Mills

MFGEN 230 - Computer-Aided Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
230

Teaching Area
MFGEN

Course Title
Computer-Aided Manufacturing

Course Description
Manual and computer-assisted programming of computer numerical controlled (CNC) equipment. Developing CNC programs to manufacture parts for high production.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 220 - Material Removal

Learning Outcomes

Title
Safety

Tags
181013, 0

Learning Outcome
Students will apply appropriate shop safety principles and precautions while working in a manufacturing environment. (Student Outcome 1)

Title
Machining Processes

Tags
181169, 1

Learning Outcome
Students will apply correct principles of cutting metals and non-metals with various machine tools and a variety of cutting tools. (Student Outcome 1) 1. Metrology 2. Speeds and Feeds

Title
CAD/CAM/CNC

Tags
181278, 2

Learning Outcome
Students will apply correct principles related to G&M code programming. (Student Outcome 1) 1. Manual programming - Mill, Wire EDM, Lathe 2. CAM programming

Title
Design

Tags
181154, 3

Learning Outcome
Students will apply the design process while solving manufacturing related problems. (Student Outcome 7)

MFGEN 291 - Manufacturing Leadership

Course Information

Teaching Area (new)
MFGEN

Course Number
291

Teaching Area
MFGEN

Course Title
Manufacturing Leadership

Course Description
Lectures on personal and professional development, ethics, global leadership, and belonging. An emphasis on resumes and internship preparation will be included.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Leadership

Tags
181335, 1

Learning Outcome
Students will understand that the essence of leadership is to build people through development of individual talents and fastering life-long growth and learning.

Title
Responsibility

Tags
181040, 2

Learning Outcome
Students will understand their personal role in life-long professional, ethical, global, cultural and social responsibilities.

Title
Lifelong Learning

Tags
181127, 3

Learning Outcome
Students will understand their personal role in staying current in technical fields and life-long learning.

MFGEN 318 - Manufacturing Electronics and Microsystems

Course Information

Teaching Area (new)
IT&C

Course Number
318

Teaching Area
MFGEN

Course Title
Manufacturing Electronics and Microsystems

Course Description
Basics of electricity; behavior and manufacture of resistors, inductors, capacitors, transformers; motors; manufacture of transistors, ICs, MCMs, circuit boards. Computers; digital communications; networking.

Department
Electrical and Computer Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 121 - Introduction to Newtonian Mechanics

Learning Outcomes

Title
Use of Electrical Energy

Tags
214055, 0, 1, 2023-08-29 10:56:37

Learning Outcome
Understand and be able to effectively and safely use electrical energy in manufacturing.

Title
Analog and Digital Devices

Tags
214056, 0, 2, 2023-08-29 10:56:43

Learning Outcome
Define and be able to use analog and digital devices in manufacturing applications.

Title
Analog and Digital Devices

Tags
214057, 0, 3, 2023-08-29 10:56:44

Learning Outcome
Be able to design manufacturing processes for electronic/microsystem-based products.

Title
Processes for Electronic/Microsystem Products

Tags
214058, 0, 4, 2023-08-29 10:56:45

Learning Outcome
Be able to design manufacturing processes for electronic/microsystem-based products.

Title
Advantages and Limitations

Tags
214059, 0, 5, 2023-08-29 10:57:01

Learning Outcome
Identify advantages and limitations of manufacturing process relevant for electronics and microsystems.

Title
Cost Analysis

Tags
214060, 0, 6, 2023-08-29 10:57:05

Learning Outcome
Be able to perform cost analyses of manufacturing processes related to electronic/microsystem-based products.

Title
Method Evaluation

Tags
214061, 0, 7, 2023-08-29 10:57:15

Learning Outcome
Be able to evaluate manufacturing methods with respect to product specifications.

Title
Life Cycle Analysis

Tags
214062, 0, 8, 2023-08-29 10:57:16

Learning Outcome
Be able to analyze the life cycle of electronic/microsystem products.

MFGEN 331 - Metals Processes

Course Information

Teaching Area (new)
MFGEN

Course Number
331

Teaching Area
MFGEN

Course Title
Metals Processes

Course Description
Capabilities and applications of common metal-processing methods, including relationships between part design, material, and process parameters.

Department
Manufacturing Engineering

When Taught
Fall.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials
  AND MFGEN 230 - Computer-Aided Manufacturing

Recommended
CE En 203 is strongly recommended

Learning Outcomes

Title
Material Properties of Metals

Tags
208605, 0, 1

Learning Outcome
Students will understand the effect of metals processes on the microstructure and mechanical properties of metal alloys and be able to design processes to produce desired properties.

Title
Design Project

Tags
208606, 0, 2

Learning Outcome
Students will design a part or assembly and manufacture it using metals processes.

Title
Metals Processes

Tags
206730, 0

Learning Outcome
Students will understand and apply principles of welding and joining, casting, and metal forming to the manufacture of individual parts and/or assemblies.

MFGEN 333 - Industrial Automation

Course Information

Teaching Area (new)
MFGEN

Course Number
333

Teaching Area
MFGEN

Course Title
Industrial Automation

Course Description
Application of sensors, actuators, robotics, part feeding and assembly, PLCs, pneumatic and hydraulic control, for justifying industrial automation.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- C S 110 - How to Program
  OR C S 111 - Introduction to Computer Science

Learning Outcomes

Title
Automation System and Process Design

Tags
181089, 2

Learning Outcome
Students will understand and apply fundamental design methodologies for the selection of appropriate automation processes and equipment.

Title
Variation

Tags
181064, 3

Learning Outcome
Students will learn the impact of part variation on automated production.

Title
Programming

Tags
181061, 4

Learning Outcome
Students will demonstrate ability to program industrial robots and PLCs that communicate with industrial hardware for control of automated systems.

Title
Communication

Tags
181132, 5

Learning Outcome
Students will establish effective written communication skills through technical reports.

MFGEN 340 - Quality Systems in Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
340

Teaching Area
MFGEN

Course Title
Quality Systems in Manufacturing

Course Description
Tools and principles of quality in manufacturing systems based on the Six Sigma process. Basic tools, variation, loss function, cost of quality, SPC, DOE, and FMEA. Comprehensive project required.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

Other Prerequisites
or concurrent enrollment.

Learning Outcomes

Title
Variation

Tags
181179, 4

Learning Outcome
Students will assess the nature, types, and impact of variation.

Title
System Improvement

Tags
181197, 7

Learning Outcome
Students will understand and implement system improvement concepts.

Title
Quality and Capability

Tags
181119, 0, 5

Learning Outcome
Students will be able to effectively define, measure, analyze, improve, and control quality and capability.

MFGEN 355 - Plastics Materials and Processing

Course Information

Teaching Area (new)
MFGEN

Course Number
355

Teaching Area
MFGEN

Course Title
Plastics Materials and Processing

Course Description
Understanding plastic materials, properties, and uses. Survey of plastic-manufacturing processes. Designing plastic products and manufacturing systems.

Department
Manufacturing Engineering

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials
  OR MFGEN 230 - Computer-Aided Manufacturing

OR

Prerequisites

Complete ALL of the following Courses:
- CBE 378 - Science of Engineering Materials
  OR ME EN 382 - Manufacturing Processes

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- MFGEN 230 - Computer-Aided Manufacturing
  OR CBE 378 - Science of Engineering Materials

OR

Complete ALL of the following Courses:
- ME EN 382 - Manufacturing Processes
  OR ME EN 250 - Science of Engineering Materials

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Materials

Tags
181334, 1

Learning Outcome
Students will understand the behavior, properties, and science of plastic materials and use that knowledge to select appropriate materials for a given application or process.

Title
Processes

Tags
181327, 2

Learning Outcome
Students will understand a variety of manufacturing processes for plastics and be able to select the appropriate process for a given task, and be able to trouble shoot such processes.

Title
Design

Tags
181324, 3

MFGEN 372 - Design for X

Course Information

Teaching Area (new)
MFGEN

Course Number
372

Teaching Area
MFGEN

Course Title
Design for X

Course Description
Design methodologies and guidelines for products and systems. Design for Manufacturing, Design for Assembly, Design for Sustainability, Design for Usability, and other related topics. Concurrent engineering skills for engaging design, manufacturing, and systems engineers in multidisciplinary teams.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Manufacturing Processes

Tags
208598, 0, 1

Learning Outcome
Students will understand the basic principles and limitations of common manufacturing processes and how they affect the manufacturability of a design.

Title
Product Design Theory

Tags
208599, 0, 2

Learning Outcome
Students will understand how Design for Manufacturing & Assembly methods can aid in concurrent engineering practices.

Title
Product Design Practical

Tags
208600, 0, 3

Learning Outcome
Students will apply Design for X methods in product design.

Title
Quality and Continuous Improvement

Tags
208601, 0, 4

Learning Outcome
Students will evaluate the influence of design principles on quality, performance, and cost.

Title
Communication

Tags
208602, 0, 5

Learning Outcome
Make, communicate, and defend design decisions based on Design for X methods.

MFGEN 381 - Lean Manufacturing & System Design

Course Information

Teaching Area (new)
MFGEN

Course Number
381

Teaching Area
MFGEN

Course Title
Lean Manufacturing & System Design

Course Description
Basic elements, planning and integration issues of manufacturing systems. Analyzing product specifications and production requirements for manufacturing concepts and practices involved in process planning and manufacturing system design. Designing a manufacturing system can be as complex and crucial to the success of a company as the design of the products being made. Equipment selection and justification; facility layout and material-handling system design; process-improvement techniques. Lean manufacturing principles will be used within the context of each topic in this course.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 340 - Quality Systems in Manufacturing

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 340 - Quality Systems in Manufacturing

Learning Outcomes

Title
System Metrics

Tags
181190, 0

Learning Outcome
Students will understand key manufacturing metrics and how they are influenced.

Title
Production and Inventory Control

Tags
181084, 5

Learning Outcome
Students will understand the principles and techniques of production and inventory control.

Title
Process Improvement

Tags
181211, 7

Learning Outcome
Students will apply process improvement techniques to improve process performance.

MFGEN 391 - Junior Seminar

Course Information

Teaching Area (new)
MFGEN

Course Number
391

Teaching Area
MFGEN

Course Title
Junior Seminar

Course Description
Lectures on professionalism, leadership, and career and life success.

Department
Manufacturing Engineering

When Taught
Fall Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
MFG 291; junior standing.

Learning Outcomes

Title
Ethics and Professionalism

Tags
208636, 0, 1

Learning Outcome
Students will demonstrate an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

Title
Communication

Tags
181361, 1

Learning Outcome
Students will demonstrate an ability to communicate effectively with a range of audiences.

MFGEN 399R - Academic Internship

Course Information

Teaching Area (new)
MFGEN

Course Number
399R

Teaching Area
MFGEN

Course Title
Academic Internship

Course Description
Working in teams to solve problems encountered in industry. Project management and reporting under guidance of industry supervisor and department faculty.

Department
Manufacturing Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Second-semester junior standing and faculty authorization

Note
An APPROVED Internship Application is required before adding. Follow the Department Pre-registration Instructions prior to Internship Application.

Learning Outcomes

Title
Communication

Tags
208637, 0, 1

Learning Outcome
Students will demonstrate an ability to communicate effectively with a range of audiences.

MFGEN 401 - Data Analysis

Course Information

Teaching Area (new)
MFGEN

Course Number
401

Teaching Area
MFGEN

Course Title
Data Analysis

Course Description
Basic statistical methods, with an emphasis on manufacturing applications. Topics include sampling guidelines, design of experiments, analysis of variance, regression analysis, and model selection. Introduction to using Excel spreadsheets, Access databases, and VBA programming for data analysis.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Statistics & Data Analysis Tools

Tags
208594, 0, 1

Learning Outcome
Students will understand the roles of descriptive & inferential statistics in manufacturing and demonstrate the ability to collect and analyze data according to statistical best practices.

Title
Design of Experiments

Tags
208595, 0, 2

Learning Outcome
Students will understand the advantages of controlled factorial experiments and demonstrate the ability to set up and draw conclusions from factorial experiments.

Title
Regression Analysis

Tags
208596, 0, 3

Learning Outcome
Students will understand and be able to correctly use ANOVA, simple and multiple linear regression, and model fit assessment tools.

Title
Semester Project

Tags
208597, 0, 4

Learning Outcome
Students will apply data analysis best practices to an open-ended engineering problem and professionally communicate the experiment, analysis, and recommendations.

MFGEN 431 - Tool Design

Course Information

Teaching Area (new)
MFGEN

Course Number
431

Teaching Area
MFGEN

Course Title
Tool Design

Course Description
Designing special tooling for manufacturing processes using solids-modeling design systems.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 230 - Computer-Aided Manufacturing
  AND MFGEN 331 - Metals Processes

Learning Outcomes

Title
Design of Tooling

Tags
181163, 1

Learning Outcome
Students will understand and be able to apply correct principles when designing tooling to be used in manufacturing operations.

Sheet Metal Punch and Die
Functional Gage
Drill Jig
Mill Fixture

Title
Cost Analysis

Tags
181143, 2

Learning Outcome
Students will understand and be able to apply correct principles related to cost analysis and estimation when designing tooling.

Title
Design Process

Tags
181221, 0

Learning Outcome

Students will understand and be able to apply the design process while solving manufacturing related problems.

MFGEN 433 - Introduction to Smart Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
433

Teaching Area
MFGEN

Course Title
Introduction to Smart Manufacturing

Course Description
Integrating industrial connectivity with real-time performance visibility and issue identification, development of task-based interfaces for a connected assembly line, use of digital processes for increasing production flexibility, and utilizing augmented reality work descriptions.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- MFGEN 333 - Industrial Automation

Other Prerequisites
Ore equivalent experience, see instructor

Learning Outcomes

Title
Equipment

Tags
208639, 0, 3

Learning Outcome
Students will demonstrate capability in connecting equipment, sensors, and controllers

Title
Communication

Tags
208640, 0, 4

Learning Outcome
Students will demonstrate how to communicate real-time information from sensors and equipment, and will create alerts and dashboards to convey changing information.

Title
Digital Design Implementation

Tags
208641, 0, 2

Learning Outcome
Students will understand how to implement digital design throughout the manufacturing process.

Title
Design Theory

Tags
208638, 0, 1

Learning Outcome
Students will understand Smart Manufacturing Principles, Design, and Equipment Selection.

Title
Applications

Tags
208744, 0, 5

MFGEN 435 - Application of Sensors and Instrumentation for Manufacturing

Course Information

Course Number
435

Teaching Area
MFGEN

Course Title
Application of Sensors and Instrumentation for Manufacturing

Course Description
An introduction to industrial sensors and data acquisition. Students will learn about and gain experience with different sensors, how they work, what they measure, how to use them, and how to make sense of the data.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MFGEN 333 - Industrial Automation
- STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites
Or equivalent with instructors approval

Learning Outcomes

Title
1. Familiarity with industrial sensors.

Tags
214063, 0, 1, 2023-08-29 10:58:47

Learning Outcome
Students will be competent with a wide variety of common industrial sensors and know how they work. Students will be able to look up relevant data from sensor spec sheets, including useful operating ranges, resolution, lag, and errors associated with each sensor. (Learning outcome 6- Experimentation).

Title
2. Sensor behavior.

Tags
214064, 0, 2, 2023-08-29 10:58:51

Learning Outcome
Students will be aware of the limitations and proper usage of each sensor and how this affects the measurements. Students will mathematically describe sensor responses to various input, including 0th, 1st, and 2nd order systems, amplitude ratios, and frequency responses. (Learning outcomes 1, 6- Complex Engineering Problems, Experimentation).

Title
3. Data acquisition.

Tags
214065, 0, 3, 2023-08-29 10:58:52

Learning Outcome
Students will be familiar with different data acquisition techniques and equipment, and be able to evaluate the quality and reliability of sensor output; including how to use correct sampling frequencies, filter data signals, and make decisions based on sensor data. (Learning outcome 7- New Knowledge).

MFGEN 440 - Six Sigma for Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
440

Teaching Area
MFGEN

Course Title
Six Sigma for Manufacturing

Course Description
Principles of Six Sigma applied to manufacturing. Includes the DMAIC improvement methodology, tools of statistical analysis, project management, and related lean principles.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- STAT 201 - Statistics for Engineers and Scientists

Recommended
MFG 340; MFG 340

MFGEN 456 - Introduction to Composites

Course Information

Teaching Area (new)
MFGEN

Course Number
456

Teaching Area
MFGEN

Course Title
Introduction to Composites

Course Description
Structure, processing, properties, and uses of composite materials, including various manufacturing methods and the relationship between properties and fabrication.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- ME EN 382 - Manufacturing Processes
  AND MFGEN 355 - Plastics Materials and Processing

Other Prerequisites
Equivalent to MFGEN 355 with instructors approval

Learning Outcomes

Title
Materials

Tags
181053, 0

Learning Outcome
Understand the behavior, properties, and science of composite materials and use that knowledge to select appropriate materials for a given application or process.

Title
Manufacturing

Tags
181170, 2

Learning Outcome
Understand a variety of manufacturing processes for composites and be able to select the appropriate process for a given task, and be able to trouble shoot such processes.

Title
Product and Process Design

Tags
181051, 3

Learning Outcome
Understand the design of composite products and the equipment, tooling, and environment for their economical manufacture.

MFGEN 479 - Innovation and Entrepreneurship

Course Information

Teaching Area (new)
MFGEN

Course Number
479

Teaching Area
MFGEN

Course Title
Innovation and Entrepreneurship

Course Description
Develop ideas into a business model. Learn product development. Entrepreneurial concepts and practices. Strategic planning and global competitiveness.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Entrepreneurial Team

Tags
181217, 1

Learning Outcome
Students will participate effectively on an entrepreneurial founding team.

Title
Business Evaluation

Tags
181108, 2

Learning Outcome
Students will evaluate business ideas, opportunities, and plans.

Title
Financial Planning

Tags
181252, 3

Learning Outcome
Students will plan the financial structure and needs of a new business.

Title
Terminology

Tags
181167, 4

Learning Outcome
Students will understand and apply entrepreneurial terminology to the entrepreneurial and investment ecosystems.

Title
Start-up Strategies

Tags
181100, 5

Learning Outcome
Students will formulate strategies to overcome common start-up business challenges.

Title
Business Plan

Tags
181234, 6

Learning Outcome
Students will prepare an effective written business plan and and communicate it through an oral presentation.

MFGEN 481 - Manufacturing Systems and Simulation

Course Information

Teaching Area (new)
MFGEN

Course Number
481

Teaching Area
MFGEN

Course Title
Manufacturing Systems and Simulation

Course Description
Advanced elements, planning and integration issues of manufacturing systems, including modeling and simulation of manufacturing operations. How to apply simulation to validate lean processes that eliminate waste, learn the basics of queuing theory, basic statistical analysis by analyzing raw data and fitting that data to the proper distribution, how to run multi-scenario experiments that are statistically correct by running multiple replications to provide valid confidence intervals of performance. \n

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Manufacturing Metrics

Tags
208642, 0, 1

Learning Outcome
Students will understand key manufacturing metrics and how they are influenced.

Title
Process Planning

Tags
208643, 0, 2

Learning Outcome
Students will develop a detailed process plan.

Title
Production and Inventory Control

Tags
208644, 0, 3

Learning Outcome
Students will understand the principles and techniques of production and inventory control.

Title
Process Improvement

Tags
208645, 0, 4

Learning Outcome
Students will apply process improvement techniques to improve process performance.

Title
Simulation

Tags
208646, 0, 5

Learning Outcome
Students will set up, run, and evaluate discrete event simulations of manufacturing environments.

MFGEN 490R - Special Problems in Manufacturing Engineering

Course Information

Teaching Area (new)
MFGEN

Course Number
490R

Teaching Area
MFGEN

Course Title
Special Problems in Manufacturing Engineering

Course Description
Students work under the mentoring of a faculty member to complete mutually agreed upon learning objectives and assignments in special topics and problems in manufacturing.

Department
Manufacturing Engineering

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

MFGEN 491 - Senior Seminar

Course Information

Teaching Area (new)
MFGEN

Course Number
491

Teaching Area
MFGEN

Course Title
Senior Seminar

Course Description
Lectures on career planning, interviewing and negotiating skills, personal and engineering ethics, global leadership and belonging. Additionally, students are required to take the CMfgT exam during this seminar.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

MFGEN 291

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 291 - Manufacturing Leadership

Other Prerequisites
Senior standing.

Learning Outcomes

Title
Knowledge

Tags
181362, 2

Learning Outcome
Students will demonstrate and apply knowledge previously learned in a variety of manufacturing topics by taking the Certified Manufacturing Technologist Exam.

MFGEN 531 - Advanced Computer-Aided Manufacturing Programming

Course Information

Teaching Area (new)
MFGEN

Course Number
531

Teaching Area
MFGEN

Course Title
Advanced Computer-Aided Manufacturing Programming

Course Description
CAD/CAM programming techniques and requirements for manufacturing components on computer numerical-control machine tools, emphasizing CAM programming, postprocessors, and CAM software evaluation.

Department
Manufacturing Engineering

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 230 - Computer-Aided Manufacturing

Other Prerequisites
Previous CNC programming experience with instructor's approval can be used in place of MFGEN 230.

Learning Outcomes

Title
CAD/CAM/CNC

Tags
181188, 0

Learning Outcome
Students will understand and be able to apply correct principles in the design of parts, creation of tool path, and machining of the part for advanced surfaces and contours.

MFGEN 532 - Manufacturing Systems

Course Information

Teaching Area (new)
MFGEN

Course Number
532

Teaching Area
MFGEN

Course Title
Manufacturing Systems

Course Description
Analyzing lean manufacturing systems. Numerous examples and case studies from industry demonstrating principles of lean production, inventory management, and lean distribution. Project with a local company to gain confidence with these principles in an industrial setting.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 381 - Lean Manufacturing & System Design

Other Prerequisites
Or instructor's approval.

Learning Outcomes

Title
Systems, Systems Design, Competitiveness, Contemporary

Tags
181175, 0

Learning Outcome
Students will understand and be able to apply principles of lean manufacturing in a production environment.

MFGEN 533 - Manufacturing Information Systems

Course Information

Teaching Area (new)
MFGEN

Course Number
533

Teaching Area
MFGEN

Course Title
Manufacturing Information Systems

Course Description
Applying and integrating software and information technologies in planning, executing, and monitoring production operations.

Department
Manufacturing Engineering

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 381 - Lean Manufacturing & System Design

Other Prerequisites
Or instructor's approval.

Learning Outcomes

Title
IT applications in manufacturing

Tags
181008, 3

Learning Outcome
Understand the major IT applications used in a manufacturing enterprise.

Title
Database Management

Tags
181056, 2

Learning Outcome
Be able to create and use a simple database management system

Title
Business Analytics

Tags
181062, 5

Learning Outcome
Be able to manipulate and analyze data using Excel

Title
IT deployment

Tags
181123, 6

Learning Outcome
Understand how to specify, evaluate and implement IT systems in manufacturing

Title
Computer hardware, software and networking

Tags
181158, 1

Learning Outcome
Understand the basics of computers, languages, architectures and networking

Title
IT integration

Tags
181162, 4

Learning Outcome
Understand the issues associated with IT integration

Title
Enterprise Architecture

Tags
181258, 0

Learning Outcome
Understand how to design and interpret and enterprise architecture

MFGEN 550 - Friction Stir Technologies

Course Information

Course Number
550

Teaching Area
MFGEN

Course Title
Friction Stir Technologies

Course Description
Fundamentals of solid-state, friction stir technologies; their application, design, characterization and simulation.

Department
Manufacturing Engineering

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials
  AND MFGEN 230 - Computer-Aided Manufacturing

OR

Prerequisite

Complete ALL of the following Courses:

- ME EN 250 - Science of Engineering Materials
  AND ME EN 382 - Manufacturing Processes

Learning Outcomes

Title
Solid-state processes

Learning Outcome
Students will demonstrate that friction stir technologies are solid-state processes that produce superior microstructures compared to fusion welding.

Title
Coupled thermo-mechanical behavior

Learning Outcome
Students will demonstrate the interactions and connectivity between frictional heating, temperature dependent material properties, and input parameters through numerical simulation of friction stir welding.

Title
Process Application

Learning Outcome
Students will practice application of linear friction stir welding and processing in various metals, refill friction stir spot welding in aluminum alloys, and additive friction stir deposition of aluminum alloys.

Title
Process-Material Interactions

Learning Outcome
Students will be able to analyze and explain how initial material properties and temper conditions influence post-weld mechanical and microstructural properties.

MFGEN 556 - Modeling and Simulation of Composites Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
556

Teaching Area
MFGEN

Course Title
Modeling and Simulation of Composites Manufacturing

Course Description
Applications of spreadsheets, computer programming, mathematics, mechanics, heat transfer, fluid dynamics, and reaction kinetics to the description and prediction of various elements of manufacturing processes for polymer-based composite materials.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- MFGEN 456 - Introduction to Composites

Other Prerequisites
Or instructor's approval

MFGEN 558 - Metallurgy

Course Information

Teaching Area (new)
MFGEN

Course Number
558

Teaching Area
MFGEN

Course Title
Metallurgy

Course Description
Fundamental principles of physical metallurgy and their application to design.

Department
Manufacturing Engineering

When Taught
Fall Even Years

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 250 - Science of Engineering Materials

MFGEN 572 - Design for Additive Manufacturing

Course Information

Teaching Area (new)
MFGEN

Course Number
572

Teaching Area
MFGEN

Course Title
Design for Additive Manufacturing

Course Description
This course explores the past, present, and future of additive manufacturing (AM), including how it enables mass customization and increased design complexity. Lab experiences focus on preparing 3D models, operating several types of AM systems, and post processing finished parts. Students apply "Design for AM" principles to adapt existing part designs for AM and design new products that capitalize on the possibilities only available through AM.

Department
Manufacturing Engineering

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- ME EN 272 - Engineering Graphics--Principles and Applications

Recommended
ME EN 250 - Science of Engineering Materials

Learning Outcomes

Title
Additive Manufacturing Processes

Tags
212256, 0, 1

Learning Outcome
Students will understand the seven categories of additive manufacturing processes, their basic physics, and tradeoffs in key criteria such as resolution, material compatibility, build rates, and properties.

Title
Experiential Learning

Tags
212257, 0, 2

Learning Outcome
Students will demonstrate proficiency in printing parts with one or more types of additive manufacturing processes including setup, operation, part removal and post processing.

Title
Design for AM

Tags
212258, 0, 3

Learning Outcome
Students will apply knowledge of AM process categories and general design guidelines to generate designs that leverage process strengths and minimize process limitations.

MFGEN 574 - Advanced Tool Design

Course Information

Teaching Area (new)
MFGEN

Course Number
574

Teaching Area
MFGEN

Course Title
Advanced Tool Design

Course Description
Advanced design of net-shape products utilizing CAD and CAE methods. Plastic injection mold design and construction. Rapid prototyping and injection molding project.

Department
Manufacturing Engineering

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MFGEN 431 - Tool Design
  AND MFGEN 355 - Plastics Materials and Processing

Other Prerequisites
Or Instructor's approval.

Learning Outcomes

Title
Design

Tags
181087, 0

Learning Outcome
Students will understand and be able to apply appropriate design principles in the creation of manufacturing tooling.

MFGEN 575 - Packaging Technologies

Course Information

Teaching Area (new)
MFGEN

Course Number
575

Teaching Area
MFGEN

Course Title
Packaging Technologies

Course Description
Fundamentals of packaging technologies; materials, design and processes. Understanding of the importance and role of packaging in the manufacturing and product environment. Combined instruction and hands-on project application of the various aspects of packaging materials, design, and processes through individual and team assignments, written reports, and oral presentations.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 230 - Computer-Aided Manufacturing
- MFGEN 355 - Plastics Materials and Processing

Other Prerequisites
Or Instructor's approval.

Learning Outcomes

Title
Packing Technologies

Tags
181363, 1

Learning Outcome
By the end of this course students will be more experienced with the various packing technologies used in the current industry.

MFGEN 580 - Manufacturing Simulation

Course Information

Teaching Area (new)
MFGEN

Course Number
580

Teaching Area
MFGEN

Course Title
Manufacturing Simulation

Course Description
Design and optimization of manufacturing systems using simulation. Simulation languages and modeling methodology.

Department
Manufacturing Engineering

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- MFGEN 481 - Manufacturing Systems and Simulation

Other Prerequisites
Or Instructor's approval.

Learning Outcomes

Title
Input Data Analysis

Tags
181050, 2

Learning Outcome
Be able to collect and analyze input data for use in a simulation study

Title
Simulation project management

Tags
181066, 1

Learning Outcome
Know how to plan and conduct a simulation study

Title
Mfg Metrics and Drivers

Tags
181086, 0

Learning Outcome
Understand key manufacturing system performance metrics and associated drivers

Title
Simulation Presentation

Tags
181174, 6

Learning Outcome
Be able to present a simulation study and make a compelling recommendation

Title
Output Analysis

Tags
181192, 5

Learning Outcome
Be able to analyze simulation output and draw appropriate conclusions

Title
Simulation experimentation

Tags
181220, 4

Learning Outcome
Be able to design and conduct simulation experiments

Title
Simulation Modeling

Tags
181233, 3

Learning Outcome
Be able to construct an accurate computer model of a manufacturing system

MFGEN 590R - Special Topics in Manufacturing Engineering

Course Information

Teaching Area (new)
MFGEN

Course Number
590R

Teaching Area
MFGEN

Course Title
Special Topics in Manufacturing Engineering

Course Description
Students will develop an understanding of a timely topic in manufacturing engineering.

Department
Manufacturing Engineering

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Recommended
Per recommendations of the faculty member teaching the course

MFHD 501R - Workshop in Marriage, Family, and Human Development.

Course Information

Teaching Area (new)
MFHD

Course Number
501R

Teaching Area
MFHD

Course Title
Workshop in Marriage, Family, and Human Development.

Course Description
Intensive study in applying principles of specified family sciences, subject matter in early childhood education, child development, family relationships, family resource management, or marriage/family therapy.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
8 hours in the School of Family Life or the School's Director's consent

Learning Outcomes

Title
MFHD Workshop

Tags
182417, 1

Learning Outcome
Students will participate in a workshop related to topics in Marriage, Family, & Human Development.

MFHD 511 - Familial Influences on Children's Social Development.

Course Information

Teaching Area (new)
MFHD

Course Number
511

Teaching Area
MFHD

Course Title
Familial Influences on Children's Social Development.

Course Description
Current theories and research on social development, peer relations, and behavior. Familial/parenting effects as moderated by beliefs, genetics, gender, social cognitions, culture, child guidance, interventions.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
SFL 331 or higher

Learning Outcomes

Title
Theory Understanding

Tags
182330, 0

Learning Outcome
· Increase your knowledge of normal, age-related behavior of children, particularly with regard to peer relations (i.e. acceptance and friendship).· Increase your knowledge of multi-cultural environmental differences.· Increased your perspective of how to create effective parent-child, teacher-child, and teacher-parent environments for promoting social competence in children.

Title
Research Analysis

Tags
182331, 2

Learning Outcome
· Develop a theoretical base for integration of discipline techniques and child guidance practices.

Title
Research Analysis

Tags
182333, 1

Learning Outcome
· Develop a better understanding of research methods specific to this area of research.

MFHD 512 - Emotional and Moral Development

Course Information

Teaching Area (new)
MFHD

Course Number
512

Teaching Area
MFHD

Course Title
Emotional and Moral Development

Course Description
Research, theories, and educational implications; preschool through adulthood.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Knowledge

Tags
182420, 1

Learning Outcome
Students will deepen their understanding of emotional and moral development.

MFHD 513 - Applied Statistics in the Social Sciences

Course Information

Teaching Area (new)
MFHD

Course Number
513

Teaching Area
MFHD

Course Title
Applied Statistics in the Social Sciences

Course Description
This course applies statistical principles to social science problems by utilizing the basics of statistical software in developing and testing research questions as well as conducting univariate and multivariate statistics such as t-tests, ANOVAs, and regression models.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 290 - Critical Inquiry and Research Methods

Recommended
Upper-division SFL course

Learning Outcomes

Title
Theory and Research

Tags
182428, 1

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literture for a topic of interest in marriage, family, and human development.

Title
Learning Data Management

Tags
182429, 2

Learning Outcome
Students will learn the basics of entering, cleaning, and manipulating data in SPSS.

Title
Learning Sampling

Tags
182430, 3

Learning Outcome
Students will learn the importance of adequate sampling methods in social science research as well as the common forms of bias that such sampling can create.

Title
Learning Measurement Design

Tags
182431, 4

Learning Outcome
Students will learn the basics of item/scale creation as well as how social scientists create measurement and operationalize constructs.

Title
Learning Applied Statistics

Tags
182432, 5

Learning Outcome
Students will learn how to run, interpret, and write about a variety of basic applied statistical techniques including t-tests, ANOVAs, regression, factor analysis, and cluster analysis.

Title
Learning to Write-up Research

Tags
182433, 6

Learning Outcome
Students will learn how to write research results in APA formatting.

Title
Learning the Reserach Process

Tags
182434, 7

Learning Outcome
Students will continue to develop their understanding of the research process and will understand how scholars go from a research question to a completed and published research article.

MFHD 514 - Theories of Human Development and Family Science

Course Information

Teaching Area (new)
MFHD

Course Number
514

Teaching Area
MFHD

Course Title
Theories of Human Development and Family Science

Course Description
Models and concepts in dominant contemporary developmental and family science theories.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
SFL 210, SFL 160, SFL 336, SFL 490

Learning Outcomes

Title
Outcome 1

Tags
182439, 1

Learning Outcome
Understand theory construction and testing, and the relationship between theory, method, and practice in advancing knowledge.

Title
Outcome 2

Learning Outcome
Identify key assumptions, concepts, and propositions of major family theories.

Title
Outcome 3

Learning Outcome
As disciple-scholars, critically evaluate family theories from both scholarly and gospel perspectives and gain an appreciation for diverse perspectives.

Title
Outcome 4

Learning Outcome
Use theory effectively to guide your own family life research and writing, and evaluate the use of theory in other research.

Title
Outcome 5

Learning Outcome
Identify ways to strengthen diverse families through Christlike application of family theories.

Title
Outcome 6

Learning Outcome
Apply family theories to personal, spiritual, and professional development.

MFHD 542 - Work and Family

Course Information

Teaching Area (new)
MFHD

Course Number
542

Teaching Area
MFHD

Course Title
Work and Family

Course Description
Introduction to contemporary work/family issues. Framework for helping parents and managers deal effectively with work/family issues at work and home.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Analysis and Reporting

Tags
182323, 2

Learning Outcome
Create scholarly work-family products (submission to scholarly conference/ journal.Prepare and present a research-based work and family presentation.

Title
MFHD Fundamentals

Tags
182329, 0

Learning Outcome
· Synthesize and understand possible career trajectories for work-family scholars in academia, business and government. · Make use of expert resources to complete a complicated project.

Title
Research Skills

Tags
182360, 1

Learning Outcome
Critique scholarly work-family research.Be comfortable using a variety of tools to find work-family research.

MFHD 550 - (MFHD-Soc) Contemporary Family Theories

Course Information

Teaching Area (new)
MFHD

Course Number
550

Teaching Area
MFHD

Course Title
(MFHD-Soc) Contemporary Family Theories

Course Description
Introduction to basic micro, macro, and processual approaches to study of the family; social and political theory on the family; philosophical issues and assumptions underlying family theory, research, and practice.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
SFL 451, Soc 310, 311; or equivalents

Learning Outcomes

Title
knowledge

Tags
182421, 1

Learning Outcome
Students will deepen their understanding of contemporary family theories.

MFHD 551 - Fathering: Scholarship and Intervention

Course Information

Teaching Area (new)
MFHD

Course Number
551

Teaching Area
MFHD

Course Title
Fathering: Scholarship and Intervention

Course Description
Quality fathering across cultures and in varied family circumstances. Historical changes in fathering; challenges to good fathering; effective interventions with fathers.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Knowledge

Tags
182426, 1

Learning Outcome
Students will read, evaluate, and critique the empirical literature on fathering

MFHD 566 - Family Life Education in the University

Course Information

Teaching Area (new)
MFHD

Course Number
566

Teaching Area
MFHD

Course Title
Family Life Education in the University

Course Description
Delivering family life education in university settings. Working with a faculty mentor, making presentations, and preparing basic instructional materials.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Family Life Education in the University

Tags
182440, 1

Learning Outcome
This course is currently not being taught and is under evaluation for deletion.

MFHD 567R - Practicum in Family Life Education

Course Information

Teaching Area (new)
MFHD

Course Number
567R

Teaching Area
MFHD

Course Title
Practicum in Family Life Education

Course Description
Supervised experience teaching family living courses in a university setting.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
MFHD 566 or instructor's consent

Learning Outcomes

Title
Application

Tags
182422, 1

Learning Outcome
The students will utilize a significant range of skills and abilities in a professional setting

MFHD 595R - Outreach in Family

Course Information

Teaching Area (new)
MFHD

Course Number
595R

Teaching Area
MFHD

Course Title
Outreach in Family

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marriage and family therapy major status; instructor's consent

Learning Outcomes

Title
Theory and Research

Tags
182304, 0

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in marriage, family, and human development.

MFHD 595R - Special Topics in Marriage, Family, and Human Development

Course Information

Teaching Area (new)
MFHD

Course Number
595R

Teaching Area
MFHD

Course Title
Special Topics in Marriage, Family, and Human Development

Course Description
Individual study for qualified students.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Marriage and family therapy major status; instructor's consent

Learning Outcomes

Title
Theory and Research

Tags
182372, 0

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in marriage, family, and human development.

MFT 501R - Workshop in Marriage and Family Therapy

Course Information

Teaching Area (new)
MFT

Course Number
501R

Teaching Area
MFT

Course Title
Workshop in Marriage and Family Therapy

Course Description
Training in delivery of and research about psychoeducational programs for couples and families.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Not applicable, no longer taught

Tags
182361, 0

Learning Outcome
Not applicable, no longer taught

MFT 590R - Readings in Marriage and Family Therapy

Course Information

Teaching Area (new)
MFT

Course Number
590R

Teaching Area
MFT

Course Title
Readings in Marriage and Family Therapy

Course Description
Discussions and reports of current readings.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
In Process

Tags
182406, 1

Learning Outcome
This course is not being taught currently and the program/department is evaluating whether or not to delete it from the curriculum.

MFT 595R - Special Topics in Marriage and Family Therapy

Course Information

Teaching Area (new)
MFT

Course Number
595R

Teaching Area
MFT

Course Title
Special Topics in Marriage and Family Therapy

Course Description
Individual study for qualified students.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Marriage and family therapy major status; instructor's consent

Learning Outcomes

Title
In Process

Tags
182407, 1

Learning Outcome
This course is not being taught currently and the program/department is evaluating whether or not to delete it from the curriculum.

MIL S 120 - Leadership and Personal Development

Course Information

Teaching Area (new)
MIL S

Course Number
120

Teaching Area
MIL S

Course Title
Leadership and Personal Development

Course Description
Developing comprehension of Army leadership dimensions, focusing on critical thinking, time management, and fitness. Introduction to the corps of cadets; building courage and self-confidence. Lab included.

Department
Military Science

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Accepts sacrifices required as a servant of the nation

Tags
41308, 7

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite itO8 – Roles of NCOs OsAccepts sacrifices required as a servant to the nation

Title
Understand the roles and capabilities of a brigade combat te

Tags
41315, 4

Learning Outcome
O5 – Tactical Problem SolverUnderstands the roles and capabilities of a brigade combat team in combatIn-class quiz on small team organization and proper movement techniques as well as practical app during LABCadets must score 80% or higher and physically demonstrate moving as part of a team during LABCadets who fail to achieve the standard will be counselled and retested at LAB by their peers and Cadet mentors/ evaluators

Title
Communicates plans effectively

Tags
41324, 5

Learning Outcome
O6 – Tactical Problem SolverCommunicates plans effectivelyCadets will each get to brief an operational plan/ order in-class and be evaluated by their peersCadets must score 80% or higherCadets who score below 80% will receive counselling and receive a second chance to brief

Title
Proficient at Land Navigation

Tags
41332, 0

Learning Outcome
O1 – Individual ProficiencyProficient at Land NavigationIn-Class Land Navigation Quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

Title
Lives the Army Values

Tags
41333, 10

Learning Outcome
O11 – CharacterLives the Army ValuesWill write a comparative essay on one of their personal heroes and how they demonstrated the Army ValuesCadets must score 80% on their essay, which will be read, marked up and returned to them by their instructorCadets who fail to achieve the standard will be asked to rewrite their essay and resubmit it to their instructor

Title
Proficient at maintaining self and equipment in the field

Tags
41348, 1

Learning Outcome
O2 – Individual ProficiencyProficient at maintaining self and equipment in the fieldWeekly pre-lab inspection of equipment and self, conducted by peersDeficiencies will be identified and reported up the chain of commandDeficient Cadets will be counselled by peer and faculty

Title
Judged by subordinates as capable, confident and trustworthy

Tags
41349, 9

Learning Outcome
O10 - LeadershipJudged by subordinates as capable, confident and trustworthyCadets will conduct written peer evaluations on each other as part of their midterm and final examsCadets must receive an overall peer evaluation rating of 70% or higherCadets who fail to reach 70% will be counselled by their MS instructor and plan a course of action for the rest of the semester

Title
Demonstrate Resilience

Tags
41352, 11

Learning Outcome
O12 – CharacterDemonstrate ResilienceCadets will conduct a multi-day Field Training Exercise during which they will asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

Title
Understand, can explain and takes proper actions on contact

Tags
41366, 3

Learning Outcome
O4 – Member of a TeamUnderstands, can explain and takes proper actions on contactIn-class quiz on actions on contact as well as tactical operations during weekly labs that will require reacting to direct and indirect enemy contactCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot” by the enemyCadets who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

Title
Subordinates self-interest to the needs of the team

Tags
41367, 2

Learning Outcome
O3 – Member of a TeamSubordinates self-interest to the needs of the teamCadets will be put into tactical situations weekly enabling leadership to identify selfless service to othersCadets displaying selfless service (aka putting needs of others above their own) will be recognized during the AARsCadets who are observed showing signs of only caring about themselves will be counselled by faculty

Title
Can discuss critically the role of the Army officer as train

Tags
41397, 6

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite it

Title
Leads by example

Tags
41398, 8

Learning Outcome
O9 – LeadershipLeads by exampleCadets will receive leadership opportunities and be observed weekly during tactics Lab and recognized during After Action ReviewsCadets must demonstrate basic leadership skills while working as a member of a team, squad or platoonCadets who fail to lead in positive ways will be counselled by their Cadet evaluators and on-scene faculty members

MIL S 121 - Introduction to Tactical Leadership

Course Information

Teaching Area (new)
MIL S

Course Number
121

Teaching Area
MIL S

Course Title
Introduction to Tactical Leadership

Course Description
Leadership fundamentals; setting direction, problem solving, listening, presentation skills, and providing feedback. Integration into the corps of cadets through tactical field training. Lab included.

Department
Military Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Can analyze a tactical situation and explain its essential p

Tags
41292, 4

Learning Outcome
O5 – Tactical Problem SolverCan analyze a tactical situation and explain its essential points in own wordsCadets will participate in tactics briefings and be asked to answer questions that demonstrate their knowledgeCadets must be able to properly answer basic check-on-learning questions on the current operation/s at LabCadets demonstrate a lack of understanding will receive one on one as well as group retraining at Lab

Title
Understands his oath of office & its basis in the constituti

Tags
41294, 6

Learning Outcome
O7 – Roles of NCOs OsUnderstands his oath of office & its basis in the constitutionAfter in-class instruction, Cadets will take a quiz on the Army Oath of Office and the Constitution.Cadets must score 80% or higher on the quizCadets who fail to meet the standard will receive retraining and be asked to reread the Constitution/ Army Oath of Office.

Title
Committed to physical fitness

Tags
41296, 9

Learning Outcome
O10 – CharacterCommitted to physical fitnessCadets will be asked to sign up for and participate in early morning PT three times each week and receive 2 Army Physical Fitness TestsCadets must score a minimum of 70 points in each even on the APFTCadets who fail to achieve the standard on the first APFT will be counselled individually and asked to join remedial PT held every Tuesday and Thursday morning

Title
Exercises initiative within the commander's intent

Tags
41301, 7

Learning Outcome
O8 – LeadershipExercises initiative within the commander’s intentCadets will be given opportunities & encouraged to show initiative during tactical operations at LabsCadets must demonstrate free will and the courage to take initiative as a member of a teamCadets who consistently do the bare minimum of what they are told will be counselled by on-site faculty and Cadet leadership

Title
Demonstrate Effective Leadership

Tags
41310, 0

Learning Outcome
Demonstrate lessons learned in class to basic Team Leader roles in a Lab EnvironmentAs a Team Leader, show working knowledge of Basic Army Leadership traits

Title
Knows enough about Army Branches to make informed decision a

Tags
41323, 5

Learning Outcome
O6 – Roles of NCSs OsKnows enough about Army Branches to make informed decision about which to joinCadets will be asked to select their top 3 branches after in-class instruction & ½ a lab devoted to Army Branch Orientation.Cadets must hand in a 1 page paper on how and why they chose their top three Army BranchesCadets who fail to turn in their paper will be counselled. Cadets with additional questions on branches will have the opportunity to meet various branch officers

Title
Demonstrates Basic Skills in Tactics and Techniques

Tags
41341, 4

Learning Outcome
Show a working knowledge of basic Terrain Analysis and how it applies to battlefield environmentsUnderstand the basic format of the Army's 8 step training model and how they are infused in that process

Title
Officership

Tags
41356, 3

Learning Outcome
Show working knowledge of Army Customs and Courtesies by correctly wearing the Army battle and dress uniforms, speaking to senior officers and NCOs, and attending the Army Ball adhering to all rules and regulations set forth

Title
Moving tactically under fire

Tags
41358, 1

Learning Outcome
O2 – Individual ProficiencyMoving tactically under fireIn-class quiz on individual movement tactics as well as tactical operations practice during weekly labsCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot”Cadets who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

Title
Understands, can explain & executes the fundamentals of loca

Tags
41370, 3

Learning Outcome
O4 – Member of a TeamUnderstands, can explain, & executes the fundamentals of local securityCadets will be instructed at Lab on proper techniques and conduct local security operations weeklyCadets must show a basic understanding of local security principles and take security seriouslyCadets who repeatedly fail to practice or take security seriously will be counselled and retrained by on-site faculty & CDT mentors

Title
Demonstrates Personal Professional Development

Tags
41379, 2

Learning Outcome
Prepare a discussion paper through research of an Army Officer in history who held and displayed values one would like to emulateDemonstrate a dedication to personal professional development through writing a self-critiquing journal based on one's leadership sucesses and failures

Title
Battlefield lifesaving skills

Tags
41388, 0

Learning Outcome
O1 – Individual ProficiencyBattlefield lifesaving skillsIn-class First Aid quiz and practical exercises during weekly tactics LabsCadets must score 80% or higher on quiz & demonstrate proficiency as a member of an Aid & Litter team during LabCadets who fail to achieve the standard will receive retraining and be retested as well as be partnered with others at Lab

Title
Performs successfully under stress

Tags
41390, 10

Learning Outcome
O11 – CharacterPerforms successfully under stressCadets will conduct a multi-day Field Training Exercise during which they will be asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

Title
Understands & explain impact of losing individuals in the un

Tags
41393, 8

Learning Outcome
O9 - LeadershipUnderstands & can explain impact of losing individuals in the unit due to injury/ deathCadets will experience first- hand the impact “losing” a Soldier during tactical operations at LabCadets must demonstrate the ability to properly deal with loss during combat and take the proper actionsCadets do not react properly will be identified and be retrained at lab by on-site faculty and the Cadet leadership

Title
Proficient at entering and clearing a room with a team

Tags
41403, 2

Learning Outcome
O3 – Member of a TeamProficient at entering and clearing a room with a teamCadets will be instructed on proper techniques at Lab and then be tested with their teamCadets must demonstrate proficiency during the practical exercise at LabCadets who fail to meet the standard will be retrained at Lab and be retested that same day

Title
Demonstrates Understanding & Application of Army Values & Et

Tags
41407, 1

Learning Outcome
Demonstrate a working knowledge of the Army's Programs on Equal Opportunity (EO), Prevention of Sexual Harassment (POSH), and Sexual Assault Prevention and Response (SAPR)

MIL S 143R - Physical Training - Army ROTC

Course Information

Teaching Area (new)
MIL S

Course Number
143R

Teaching Area
MIL S

Course Title
Physical Training - Army ROTC

Course Description
Physical training course for Army ROTC members only.

Department
Military Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
For Army ROTC students only.

MIL S 220 - Innovative Team Leadership

Course Information

Teaching Area (new)
MIL S

Course Number
220

Teaching Area
MIL S

Course Title
Innovative Team Leadership

Course Description
Creative leadership strategies and styles; team dynamics; leadership theory; the Army leadership framework. Includes basics of land navigation and squad tactics. Lab included.

Department
Military Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Understands, can explain and executes the fundamentals of lo

Tags
41289, 6

Learning Outcome
Outcome 7- Member of a TeamUnderstands, can explain, and executes the fundamentals of local security.CDT will receive briefings on providing local security and will do practical application during labsCDT will effectively provide local security.Additional training will be provided through the semester during labs.

Title
Tactics and Techniques

Tags
41295, 4

Learning Outcome
Practice and demonstrate land navigation techniquesExplain the six problem solving stepsList and know the eight troop leading procedures

Title
Lives the Army Values

Tags
41303, 9

Learning Outcome
Outcome 11-CharacterLives the Army ValuesCDT will be continually assessed on living his life in accordance with the Army Values which are: Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal CourageCDT realizes that Army values are not just what is done while on “Army Time” but a code in which you live your lifeAdditional counseling as needed. Cadet me be removed from the program for “serious” infractions of these values

Title
Values and Ethics

Tags
41305, 1

Learning Outcome
Explain the historical basis of Army valuesIllustrate the four tenets of the Warrior Ethos

Title
Understands, can explain, and executes the fundamentals of p

Tags
41336, 5

Learning Outcome
Outcome 6- Member of a TeamUnderstands, can explain, and executes the fundamentals of a patrollingCDT will be briefed on patrolling and will be a member of a small unit team that will conduct patrolling during labs.CDT will effectively conduct patrolling.Additional training will be provided through the semester during labs.

Title
Understand the roles of officers and NCOs in the Army

Tags
41338, 7

Learning Outcome
Outcome 9- Understand the roles of officers and NCOs in the ArmyCan discuss critically the role of the Army officer as trainer and leader.CDT will receive briefings and shown through multimedia the role of the Army Officer.CDT will demonstrate through quiz and testing to recognize the role of the Army officer in various scenarios.Additional training as required.

Title
Willingly subordinates self-interest to the needs of the tea

Tags
41346, 4

Learning Outcome
Outcome 5 – Member of a TeamWillingly subordinates self-interest to the needs of the team.Cadets will be put into tactical situations weekly enabling leadership to identify selfless service to othersCadets displaying selfless service (aka putting needs of others above their own) will be recognized during the AARsCadets who are observed showing signs of only caring about themselves will be counselled by faculty

Title
Communicates effectively

Tags
41359, 8

Learning Outcome
Outcome 10- LeadershipCommunicates effectively.CDT will receive briefings and shown through multimedia various means of communicating in a military environment.CDT will demonstrate proficiency in military writing and briefings through various writing assignments and briefings.Additional training as required.

Title
Familiar with moving tactically while under fire

Tags
41368, 1

Learning Outcome
Outcome 2 – Individual ProficiencyFamiliar with moving tactically while under fireCadets will be briefed on tactical movement techniques and be members of small unit teams that execute tactical movements.CDTs will be able to follow basic instructions from their small unit leaders.CDTs will receive guidance and additional training turning lab periods.

Title
Leadership

Tags
41377, 0

Learning Outcome
Recall and describe the three stages of team developmentIllustrate significant traits and behaviors of historical military leaders

Title
Proficient at maintaining self and equipment in a field envi

Tags
41384, 3

Learning Outcome
Outcome 4 – Individual ProficiencyProficient at maintaining self and equipment in a field environmentWeekly pre-lab inspection of equipment and self, conducted by peersDeficiencies will be identified and reported up the chain of commandDeficient Cadets will be counselled by peer and faculty

Title
Personal Development

Tags
41386, 2

Learning Outcome
Deliver a formal information briefingList the types and elements of interpersonal communication

Title
Officership

Tags
41391, 3

Learning Outcome
Distinguish and Describe rank, structure, duties, and traditionsExplain the nine Principles of War

Title
Familiar with land navigation

Tags
41394, 0

Learning Outcome
Outcome 1 – Individual ProficiencyFamiliar with land NavigationOnline interactive program and quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

Title
Physically ready to handle the rigors of combat

Tags
41406, 2

Learning Outcome
Outcome 3 – Individual ProficiencyPhysically ready to handle the rigors of combatCDTs will perform physical fitness training three times weekly throughout the semester and participate in a 48 hour field training exercise.Each CDT will score a minimum of 60 points in each PT event.Those failing to meet these standards will conduct remedial PT an additional two times per week.

MIL S 221 - Foundations of Tactical Leadership

Course Information

Teaching Area (new)
MIL S

Course Number
221

Teaching Area
MIL S

Course Title
Foundations of Tactical Leadership

Course Description
Challenges of leading tactical teams in contemporary operations environment of the U.S. Army, focusing on Army Orders process, terrain analysis, and adaptive leadership. Lab included.

Department
Military Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Can discuss critically the role of the Army officer as train

Tags
41298, 6

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite it

Title
Tactics and Techniques

Tags
41300, 4

Learning Outcome
Distinguish between the different types of Army plans and ordersDemonstrate terrain analysis and route planning skillsExplain and remember the five-paragraph format for an operations orderDescribe the characteristics and techniques of defensive operationsExplain how squads and platoons plan for and conduct patrolsList and describe the five aspects of military terrain using (OAKOC)Interpret and formulate an operation order

Title
Accepts sacrifices required as a servant to the nation

Tags
41309, 7

Learning Outcome
O7 – Roles of NCOs OsCan discuss critically the role of the Army officer as trainer and leaderWritten book review on an Army officer of their choice, highlighting both good and bad leadership traits Cadets must score 80% or higher on the book review, which will be read and graded by their instructor Cadets who fail to achieve the standard will receive their graded book review back and be asked to rewrite itO8 – Roles of NCOs OsAccepts sacrifices required as a servant to the nation

Title
Officership

Tags
41322, 3

Learning Outcome
Describe the history of terrorism and the basic US antiterrorism policyExplain and state the relationship between leadership, values, and officership

Title
Judged by subordinates as capable, confident and trustworthy

Tags
41335, 9

Learning Outcome
O10 - LeadershipJudged by subordinates as capable, confident and trustworthyCadets will conduct written peer evaluations on each other as part of their midterm and final examsCadets must receive an overall peer evaluation rating of 70% or higherCadets who fail to reach 70% will be counselled by their MS instructor and plan a course of action for the rest of the semester

Title
Familiar with land navigation

Tags
41337, 0

Learning Outcome
Outcome 1 – Individual ProficiencyFamiliar with land NavigationOnline interactive program and quiz and a practical exercise (graded) during LabCadets must score 80% or higher on the quiz and find at least 75% of the Land Nav points at LabCadets who fail to achieve the standards will be partnered up with more proficient Cadets and be retested during our FTX

Title
Understand the roles and capabilities of a brigade combat te

Tags
41343, 4

Learning Outcome
O5 – Tactical Problem SolverUnderstands the roles and capabilities of a brigade combat team in combatIn-class quiz on small team organization and proper movement techniques as well as practical app during LABCadets must score 80% or higher and physically demonstrate moving as part of a team during LABCadets who fail to achieve the standard will be counselled and retested at LAB by their peers and Cadet mentors/ evaluators

Title
Solve tactical problems using principles that underlie doctr

Tags
41350, 1

Learning Outcome
Outcome 2 – Tactical Problem SolverSolve tactical problems using principles that underlie doctrine and war fightingQuizzes and multiple tactical problems at leadership labsCDT utilizes proper Army doctrine for several different tactical problems that he/she will faceCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

Title
Leads by example

Tags
41355, 8

Learning Outcome
O9 – LeadershipLeads by exampleCadets will receive leadership opportunities and be observed weekly during tactics Lab and recognized during After Action ReviewsCadets must demonstrate basic leadership skills while working as a member of a team, squad or platoonCadets who fail to lead in positive ways will be counselled by their Cadet evaluators and on-scene faculty members

Title
Personal Development

Tags
41362, 2

Learning Outcome
Practice effective writing techniques in accordance with the Army standard for effective writingExplain how to set goals and manage time at the team levelDevelop team mission statement and goalsExplain and know ways to establish priorities and avoid distracters

Title
Physically ready to handle the rigors of combat

Tags
41363, 2

Learning Outcome
Outcome 3 – Individual ProficiencyPhysically ready to handle the rigors of combatCDTs will perform physical fitness training three times weekly throughout the semester and participate in a 48 hour field training exercise.Each CDT will score a minimum of 60 points in each PT event.Those failing to meet these standards will conduct remedial PT an additional two times per week.

Title
Values and Ethics

Tags
41375, 1

Learning Outcome
Explain the Army Values and the Army’s Consideration of Others (CO2) programIdentify and asses the goals of the Army CO2 program (eight areas)Analyze the relationship between Army values, leadership, and CO2

Title
Lives the Army values

Tags
41376, 10

Learning Outcome
O11 – CharacterLives the Army ValuesWill write a comparative essay on one of their personal heroes and how they demonstrated the Army ValuesCadets must score 80% on their essay, which will be read, marked up and returned to them by their instructorCadets who fail to achieve the standard will be asked to rewrite their essay and resubmit it to their instructor

Title
Understands, can explain and takes proper actions on contact

Tags
41385, 3

Learning Outcome
O4 – Member of a TeamUnderstands, can explain and takes proper actions on contactIn-class quiz on actions on contact as well as tactical operations during weekly labs that will require reacting to direct and indirect enemy contactCadets must score 80% or higher on the quiz and will need to react properly during tactics lab or risk being “shot” by the enemyCadets who fail to achieve the standards will receive one on one training by their Cadets peers and or their Cadet mentors

Title
Demonstrate Resilience

Tags
41392, 11

Learning Outcome
O12 – CharacterDemonstrate ResilienceCadets will conduct a multi-day Field Training Exercise during which they will asked to conduct graded tactical operations on little or no sleep and in austere mountainous conditionsCadets must demonstrate the ability to stay positive, work as a member of a team and complete (or at least attempt) each task or mission despite poor eating and sleeping conditionsCadets who fail to demonstrate resilience during training will be counselled and asked to continue training with a new perspective. If they refuse to complete training they will not get full credit for the FTX

Title
Leadership

Tags
41401, 0

Learning Outcome
Explain the situational, transformational, and adaptive leadership theories and their relationship to the Army Leadership Requirements ModelIllustrate dimensions of transformational and situational leadershipDescribe methods of assessing leadership stylesExplain your personal approach to leadership

Title
Communicate plans effectively

Tags
41405, 5

Learning Outcome
O6 – Tactical Problem SolverCommunicates plans effectivelyCadets will each get to brief an operational plan/ order in-class and be evaluated by their peersCadets must score 80% or higherCadets who score below 80% will receive counselling and receive a second chance to brief

MIL S 320 - Adaptive Team Leadership

Course Information

Teaching Area (new)
MIL S

Course Number
320

Teaching Area
MIL S

Course Title
Adaptive Team Leadership

Course Description
Adaptive leadership skills; demands of leadership in tactical and garrison situations. Cadets have multiple opportunities to lead one another and receive feedback on leadership abilities. Lab included.

Department
Military Science

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Learning Outcomes

Title
Understands the roles of officers and NCOs in the Army

Tags
41304, 2

Learning Outcome
Outcome 3 – Understands the roles of officers and NCOs in the ArmyKnows enough about the various branches to make an informed decision when selecting oneEach CDT will choose a branch and research, then present a five minute “Military Information Brief” on what they learned about the branch they chose to the other CDTs in the classCDTs overall understand most Army branches, particularly those that were of initial interest to themNo change

Title
Demonstrates Self Confidence

Tags
41312, 9

Learning Outcome
Outcome 10- CharacterDemonstrates Self ConfidenceCDT will have multiple opportunities during leadership labs and class work in which he/she can project self-confidenceCDTs will demonstrate more confidence as the semester goes on and they have an opportunity to be placed in leadership roles in a myriad of different situationsAdditional one on one counseling as necessary

Title
Leads by example

Tags
41313, 3

Learning Outcome
Outcome 4 – LeadershipLeads by exampleWill have multiple opportunities to lead junior CDTs as well as peers both during leadership lab and other eventsCDT realizes that setting the example in what they do and how they conduct themselves has a larger impact on their ability to lead rather than by simply giving guidance to othersThis will be continually reinforced throughout the school year, no change needed

Title
Proficient at land navigation

Tags
41321, 10

Learning Outcome
Outcome 11- Individual ProficiencyProficient at land navigationCDT will be given multiple opportunities to conduct land navigation at local coursesCDT will demonstrate proficiency at land navigation by the end of the semester in both day and night time conditionsAdditional volunteer land navigation courses will be offered that CDTs who are lacking at this skill will be strongly encouraged to attend

Title
Willingly subordinates self-interest to the needs of the tea

Tags
41326, 0

Learning Outcome
Outcome 1 – Member of a TeamWillingly subordinates self-interest to the needs of the teamCadet will have to spend several hours outside of the classroom to ensure that junior Cadets are prepared for leadership labs and various other ROTC functionsCDTs understand that he must put the needs of his Squad/Platoon before the needs of himself/herself to ensure overall mission successContinued evaluation and feedback during practical exercises in field as well as “garrison operations”

Title
Proficient with tactical communications

Tags
41327, 11

Learning Outcome
Outcome 12- Individual ProficiencyProficient with tactical communicationsCDT will communicate via radio to higher level leadership with various military reports in a tactical situationCDT will follow proper formatting of tactical communications and send reports in a timely mannerAdditional one on one instruction will be given as needed

Title
Committed to physical fitness

Tags
41330, 7

Learning Outcome
Outcome 8- CharacterCommitted to physical fitnessCDT will take multiple physical fitness tests and conduct other physically demanding eventsCDT will understand that physical fitness is more than an event you conduct but a lifestyle changeAdditional physical training as necessary

Title
Communicates plans effectively

Tags
41334, 1

Learning Outcome
Outcome 2 – Tactical Problem SolverCommunicates plans effectivelyCadet will be given tactical scenarios in which they will have to develop a plan for their team and communicate that plan to their teammatesCDTs will receive real time feedback on if they had a solid plan and how well others understood that plan during leadership labsThis may lead to expanding either the Operations Order Process or further review of tactics based on the CDTs performance

Title
Ensures subordinates and unit are prepared for the mission

Tags
41360, 5

Learning Outcome
Outcome 6- LeadershipEnsures subordinates and unit are prepared for the missionCDT will receive orders concerning upcoming events from higher level leadership and ensure that order is passed down to other team membersCDT will effectively conduct the orders process and brief his team. He will also conduct back briefs and inspections to ensure his/her team members are preparedAdditional one on one counseling as necessary

Title
Coaches subordinates effectively and provides them with usef

Tags
41369, 6

Learning Outcome
Outcome 7- LeadershipCoaches subordinates effectively and provides them with useful feedbackWhile in leadership roles, CDTs will have multiple opportunities to coach, teach, and mentor junior level CDTsCDT will conduct after action reviews of leadership labs with team as well as counseling team members on a consistent basis

Title
Accepts accountability for self and unit

Tags
41372, 4

Learning Outcome
Outcome 5 – LeadershipAccepts accountability for self and unitCDT will be given multiple leadership opportunities in which they are responsible not only for their success or failures but those of their team as wellCadets will take ownership of teams actions, will give praise to their team for mission success but will take ownership of team failures and attempt to correct what when wrongPlace a large emphasis on this during end of semester counseling

Title
Lives the Army values

Tags
41380, 8

Learning Outcome
Outcome 9- CharacterLives the Army ValuesCDT will be continually assessed on living his life in accordance with the Army Values which are: Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal CourageCDT realizes that Army values are not just what is done while on “Army Time” but a code in which you live your lifeAdditional counseling as needed. Cadet me be removed from the program for “serious” infractions of these values

MIL S 321 - Leadership in Changing Environments

Course Information

Teaching Area (new)
MIL S

Course Number
321

Teaching Area
MIL S

Course Title
Leadership in Changing Environments

Course Description
Using intense real-world leadership situations to build skills in leading small units, decision-making, persuasion, and motivation when "under fire." Final preparation and evaluation prior to attendance at Leader Development and Assessment Course (LDAC). Lab included.

Department
Military Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Must be contracted in ROTC program

Learning Outcomes

Title
Solve tactical problems using principles that underlie doctr

Tags
41291, 1

Learning Outcome
Outcome 2 – Tactical Problem SolverSolve tactical problems using principles that underlie doctrine and war fightingQuizzes and multiple tactical problems at leadership labsCDT utilizes proper Army doctrine for several different tactical problems that he/she will faceCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

Title
Judged by subordinates as capable, confident, and trustworth

Tags
41306, 5

Learning Outcome
Outcome 6- LeadershipJudged by subordinates as capable, confident, and trustworthyCDT will lead subordinates through multiple tactical and garrison events throughout the semester in which subordinates will react to their leaders ability to lead them successfullyCDT realizes that leadership and management are two very different things and that if you aren’t capable, confident, and trustworthy no one will want to followAdditional one on one counseling as necessary

Title
Allows subordinates latitude in how to accomp. a mission & h

Tags
41314, 6

Learning Outcome
Outcome 7- LeadershipAllows subordinates latitude in how to accomplish a mission and holds them accountableCDT will have multiple teams work for him at a time in which he will have to issue general guidance rather than direct instructionCDT will understand that micromanagement leads to decreased productivity and does very little to develop subordinatesAdditional one on one counseling as necessary

Title
Demonstrates commitment to personal and professional growth

Tags
41318, 9

Learning Outcome
Outcome 10- CharacterDemonstrates commitment to personal and professional growthCDTs will talk one on one with instructor at the beginning of the semester to lay out plans on how the CDT plans on growing both personally and professionally throughout the semesterCDT will take the additional out of classroom time necessary to ensure their success with those they lead as well as other academic, physical, and spiritual needsCDTs will talk one on one with instructor at the end of the semester to asses if plan worked and what still needs to set new goals

Title
Proficient at maintaining self and equipment in a field envi

Tags
41320, 11

Learning Outcome
Outcome 12- Individual ProficiencyProficient at maintaining self and equipment in a field environmentCDT will spend 2-4 days in a “field” environment towards the end of the semesterCDT will perform the necessary steps to take care of themselves in addition to all equipment that they are responsible for in an austere environmentSupervised heavily by instructors, CDTs will receive guidance and “on the spot” corrections as necessary

Title
Demonstrates self-discipline

Tags
41347, 7

Learning Outcome
Outcome 8- CharacterDemonstrates self-disciplineCDT will have multiple opportunities to show self-discipline during physical training, leadership labs, and other ROTC eventsCDT will understand that you are not self-disciplined in a few aspects of your life, but rather either you are a self-disciplined individual or you are notAdditional one on one counseling as necessary

Title
Demonstrates the fundamentals of the assault rifle

Tags
41361, 10

Learning Outcome
Outcome 11- Individual ProficiencyDemonstrates the fundamentals of the assault rifleCDT will load, shoot, change magazines, correct malfunctions, disassemble and reassemble an Army type assault rifle in a safe mannerCDT understands the importance in handling firearms in a safe manner and gains confidence in doing soNo Change

Title
Leads by example

Tags
41371, 3

Learning Outcome
Outcome 4 – LeadershipLeads by exampleWill have multiple opportunities to lead junior CDTs as well as peers both during leadership lab and other eventsCDT realizes that setting the example in what they do and how they conduct themselves has a larger impact on their ability to lead rather than by simply giving guidance to othersThis will be continually reinforced throughout the school year, no change needed

Title
Performs successfully under stress

Tags
41374, 8

Learning Outcome
Outcome 9- CharacterPerforms successfully under stressCDT will be placed in a multitude of “controlled” stressful environments during labs and a field training exerciseCDT is able to rely on training and a solid knowledge base to know what actions must be takenCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

Title
Understands, can explain and takes appropriate actions on co

Tags
41395, 0

Learning Outcome
Outcome 1 – Member of a TeamUnderstands, can explain, and takes appropriate actions on contactCDT will make “enemy” contact during leadership labs on a weekly basisCDT acts appropriately given the size of the enemy force, their location, the rules of engagement, and the terrain around themCDT will receive feedback after every lab and proper techniques as well as errors will be highlighted

Title
Cares for and is actively involved in the success of subordi

Tags
41396, 4

Learning Outcome
Outcome 5 – LeadershipCares for and is actively involved in the success of subordinatesCDT will have multiple opportunities to help and assist subordinates in ROTC, academic, and life successCDT understands that individual achievement truly mean very little if those that work for you are unable to complete necessary tasks in numerous aspects of lifeThis will be continually reinforced throughout the school year, no change needed

Title
Understands the roles of officers and NCOs in the Army

Tags
41399, 2

Learning Outcome
Outcome 3 – Understands the roles of officers and NCOs in the ArmyAccepts sacrifices required as a servant to the NationCDT will take a quiz on selfless-service and perform local community service during the semesterCDT understands that as a leader you are truly a servant to those you lead as well as to the Nation as a wholeAdditional one on one counseling as necessary

MIL S 325R - Staff Organization and Operations

Course Information

Teaching Area (new)
MIL S

Course Number
325R

Teaching Area
MIL S

Course Title
Staff Organization and Operations

Course Description
Seminar in Army Staff Operations. Various opportunities for leadership and organiztional experience. Lab included.

Department
Military Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Other Prerequisites
Must be contracted in ROTC program

Learning Outcomes

Title
Prepare for the transition to a career as an Army officer

Tags
41290, 3

Learning Outcome
Outcome 4 – Values and EthicsPrepare for the transition to a career as an Army OfficerApplication to Leadership Lab PEs and FTXBasic understanding is mastered – need continued examples in PEsIntroduce additional variables to Leadership Labs and FTX to challenge cadets ethical decision making

Title
Gain practical experience in cadet battalion leadership role

Tags
41325, 1

Learning Outcome
Outcome 2 – LeadershipGain Practical experience in cadet battalion leadership rolesChain of command and staff positionsLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

Title
Expand and demonstrate skills as a member of an organization

Tags
41342, 2

Learning Outcome
Outcome 3 – LeadershipExpand and demonstrate skills as a member of an organizational staffChain of command and staff positionsMDMP Practical ExerciseStaff Position PresentationsMDMP is complicated and challenging for the cadets to understand. Greater focus needs to be shifted to staff roles and understanding of military staff integrationWill assign cadets to study a specific staff function and how it integrates into the greater military method.

Title
Explore military professional ethics and decision making

Tags
41387, 0

Learning Outcome
Outcome 1 – Values and EthicsExplore military professional ethics and ethical decision making facing an Officer in peacetime and wartimeCase studies of wartime scenarios from history with classroom discussion.Students complete monthly professional readings – at least one during the year detailing ethical decision making and dilemmas on the battlefield for leadersCDTs understand the complexities of military professional ethics when applied to peacetime and wartime and learn they must use wisdom when making decisions. Demonstrated through discussion and paper.Include a challenging ethical decision making scenario on the final exam that the cadets must describe what they would do if found in the same situation.

MIL S 420 - Developing Adaptive Leaders

Course Information

Teaching Area (new)
MIL S

Course Number
420

Teaching Area
MIL S

Course Title
Developing Adaptive Leaders

Course Description
Developing proficiency in planning, executing, and assessing operations; functioning on a staff; and providing feedback to subordinates with situational real-world opportunities to assess risk, make decisions, and coach others. Emphasizes leadership ethics. Lab included.

Department
Military Science

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Must be contracted in ROTC program

Learning Outcomes

Title
Apply military professional ethics in decision making

Tags
41287, 2

Learning Outcome
Outcome 3 – Values and EthicsApply military professional ethics in decision makingQuizDemonstrate application during Practical Exercises at Leadership labs and FTXApply in Leadership PhilosophyCDTs demonstrate good mastery of these outcomes in PEsNo change

Title
Plan conduct & evaluate training & programs as member of cha

Tags
41288, 10

Learning Outcome
Outcome 11 – OfficershipPlan, conduct, and evaluate ROTC training and other programs as a member of the chain of command or staff (Army Training Management)Chain of command and staff positionsLDP evaluationsLeadership PhilosophyLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

Title
Apply Army leadership dimensions and core competencies as ca

Tags
41293, 0

Learning Outcome
Outcome 1 – LeadershipApply Army leadership dimensions and core competencies as cadet battalion leadersEvaluated CDT assigned positions in the cadet chain of commandLeadership Philosophy paper and presentationCDTs understand the simple definition of each dimension and core competency; however they lack examples of them in everyday leadershipContinued evaluation and feedback during practical exercises in field environment

Title
Effectively use Troop Leading Procedures and the Military De

Tags
41299, 16

Learning Outcome
Outcome 18 – Tactics and TechniquesEffectively use Troop Leading Procedures and the Military Decision Making Procedure (MDMP)Demonstrate through planning, coordination and execution of 8 step training modelChain of command and staff positionsLeadership Labs and FTXCadets utilize TLPs effectively; however need additional practice with MDMP to make effective recommendations to the commanderUse MDMP for major staff projects to include the FTX, military ball etc.

Title
Counsel underclass cadets to improve performance

Tags
41307, 12

Learning Outcome
Outcome 13 – OfficershipCounsel underclass cadets to improve performanceChain of command and staff positionsCadet mentorship programConcept of being responsible for others is clear – but cadets need to formalize their mentorship and counselingDevelop leader books and check every 3 weeks to ensure compliance. Additional accountability for development of MS 320/321 cadets

Title
Understand the duties of staff organization roles and repons

Tags
41316, 11

Learning Outcome
Outcome 12 – OfficershipUnderstand the duties of staff organization roles and responsibilitiesChain of command and staff positionsMid-termLeadership PhilosophyLeadership Labs and FTXNeed to continue working on delegation and task managementGeneral understanding of staff roles exists – but need to develop trust that all members will accomplish assigned tasksContinued empowerment of cadet chain of command to understand scope of responsibilities and then hold cadets accountable for mission accomplishment

Title
Write and brief effectively

Tags
41317, 8

Learning Outcome
Outcome 9 – Personal DevelopmentWrite and brief effectivelyLDP EvaluationsLeadership Philosophy presentationsMDMP and Cadet Chain of command responsibilitiesMost understand the basic tenants of the Army writing style; however they need to apply it in all written communication.Continue to work verbal communication and briefing skillsInclude additional short written requirements as well as briefings to further develop command presence and effective communication skills

Title
Assess fellow cadets using the Leadership Development Progra

Tags
41329, 1

Learning Outcome
Outcome 2 – LeadershipAssess fellow cadets using the (LDP) Leadership Development ProgramCadets are assigned underclass cadets to assess – feedback is provided verbally and collected via card systemCDTs are readily able to provide feedback; but need to be holistic in their evaluationsProvide LDP class and one of the first lessons and then follow up throughout the semester

Title
Understand role in UCMJ process & explain types of admin dis

Tags
41340, 5

Learning Outcome
Outcome 6 – Values and EthicsUnderstand your role in the UCMJ process and explain the types of administrative discipline and separationsQuizNeed constant re-enforcement and additional dedication to master this outcomeUse Army JAG guest speaker to further develop the topic in future coursesIntegrate into cadet battalion discipline PEs through the Chain of command

Title
Mentor and evaluate underclass cadets during tactical operat

Tags
41344, 14

Learning Outcome
Outcome 16 – Tactics and TechniquesMentor and evaluate underclass cadets during tactical operationsLDP Cadet EvaluationsCadet mentorship programChain of command and staff responsibilitiesMS 420 cadets do a good job coaching and teaching tactics to underclassmen – but need to work on providing quality written feedback to go with the verbal feedbackWritten evaluations with each verbal evaluation

Title
Identify methods to reduce and manage stress as a leader

Tags
41345, 7

Learning Outcome
Outcome 8 – Personal DevelopmentIdentify methods to reduce and manage stress as a leaderLeader Challenge Practical ExerciseCounseling PELeadership Philosophy12 O’Clock High Final Ex.Critical skill which we continue to develop and must consistently be developed throughout a cadet and officer’s careerIntegrate stress reduction, positive visual imagery, and relaxation techniques to future courses

Title
Identify resiliency training skills in the Comprehensive Sol

Tags
41351, 6

Learning Outcome
Outcome 7 – Personal DevelopmentIdentify resiliency training skills in the Comprehensive Soldier Fitness program (CSF)Leader Challenge Practical ExerciseCounseling PELeadership Philosophy12 O’Clock High Final ExamCritical skill which we continue to develop and must consistently be developed throughout a cadet and officer’s careerContinue to reinforce resiliency training at every opportunity

Title
Explain your obligations as a US service member under the co

Tags
41365, 4

Learning Outcome
Outcome 5 – Values and EthicsExplain your obligations as a US service member under the code of conductMid-TermLeadership PhilosophyCadets generally master this outcomeNeed to add emphasis regarding the importance of oaths and codes to ensure they are applied for the rest of their professional careers

Title
Apply training management process using the 8 step training

Tags
41373, 15

Learning Outcome
Outcome 17 – Tactics and TechniquesApply training management process using the 8 step training modelChain of command and staff positionsLDP evaluationsLeadership PhilosophyLeadership Labs and FTXGeneral understanding is good – however cadets need to learn to plan further in advance and use all 8 steps of the process to include MDMPRefined weekly cadet training meeting format will facilitate understanding accountability for training and facilitate planning further into advance

Title
Explain the importance of actively managing your career as a

Tags
41378, 13

Learning Outcome
Outcome 14 – Explain the importance of actively managing your career as an Army officerPersonal Leadership PhilosophyCounseling with PMSCDTs understand what they see on a re-occurring basis; however they need additional exposure to options early in their cadet careersIntegrate this outcome into MS 220 and MS 320 courses

Title
Relate the Law of Land Warfare and ROE to Army Operations

Tags
41382, 3

Learning Outcome
Outcome 4 – Values and EthicsRelate the Law of Land Warfare and rules of engagement (ROE) to Army OperationsApplication to Leadership Lab PEs and FTXIntegrate into daily performance assessmentsBasic understanding is mastered – need continued examples in PEsIntroduce additional variables to Leadership Labs and FTX to challenge cadets ethical decision making

Title
Explain profession of arms and offership as it relates to ci

Tags
41389, 9

Learning Outcome
Outcome 10 – OfficershipExplain the profession of arms and officership as it relates to civilian professionsQuizPresentationGenerally good masteryNo change

MIL S 421 - Leadership in a Complex World

Course Information

Teaching Area (new)
MIL S

Course Number
421

Teaching Area
MIL S

Course Title
Leadership in a Complex World

Course Description
Dynamics of leading military operations. Subjects include military law, principles of war, operations, training, and logistics. Presented in context of modern battlefield. Culminates with commission as an officer in the U.S. Army. Lab included.

Department
Military Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Must be contracted in ROTC program

Learning Outcomes

Title
Demonstrate ability to build and sustain multi-functional te

Tags
41297, 4

Learning Outcome
5. Team Building and Collaboration. Demonstrates the ability to build and sustain multi-functional teams in a complex, uncertain environment and able to accomplish the mission within the commander’s intent.Demonstrate personal example while in leadership positionsGroup projects: Battle Analysis and present Army training in classroom settingGenerally Cadets demonstrate this outcome by the end of the course.Sustain

Title
Apply principles of lifelong learning and continued educatio

Tags
41302, 7

Learning Outcome
8. Lifelong Learning. Applies the principles of lifelong learning and continued education ensuring personal, professional, and organizational improvement.Professional reading reflectionsLeadership Seminar participation and reflectionsNCO and Officer ForumsPerformance counseling – set goals in all areas of fitness, track progress and assess including incorporating peer feedbackCadets demonstrate good habits of personal lifelong learning and development through consistent setting and achieving goals in all areas over the course of the AY.Add alumni follow up assessments on lifelong learning habits carried over from MS 420 and MS 421 into their professional lives as officers in the US Army 1 year after commissioning

Title
Apply adaptive decisions in a complex and ambiguous environm

Tags
41331, 3

Learning Outcome
4. Adaptability & initiative. Able to apply agile and adaptive decisions in a complex and ambiguous environment.Plan, coordinate, execute, assess, and provide feedback during tactical training events (FTX, leadership lab, PT)Battle Analysis Over the course of the semester and multiple iterations approx. 75% of Cadets demonstrate adaptability to changing situations and 80% demonstrate initiative within the commanders intentStart each MON class with a leader challenge designed to have students apply initiative and adaptability in a real world situation and then discuss various ways to accomplish the mission

Title
Analyze and synthesize the communication process

Tags
41353, 6

Learning Outcome
7. Communication & Engagement (oral, written, and negotiation). Analyzes and synthesizes the communication process in order to use effectively as a leader.Professional Reading reflectionsCombat Leadership Seminar participation and reflectionsOPORDs and FRAGOs as part of 8 step training modelPresent Army standard training in classBattlefield Staff Ride presentationsBattle AnalysisCadets in general produce a minimum of 6 Army memorandums, 2-4 tactical orders in writing and conduct a minimum of 5 oral presentations. The number of products is generally about right to correct bad habits and gain confidence in oral presentation capability. They still lack quality after action reviews (feedback) in writing and orally to assessed CadetsSustain current requirements with expanded feedback sessions to produce leaders who are focused on developing others without beating them down. PE on AARs in class followed by weekly exercises after leadership labs and PT class sessions to improve quality of AARs

Title
Analyze ambiguous situations and develop situations

Tags
41354, 2

Learning Outcome
3. Critical Thinking & Problem Solving. Recognizes and analyzes ambiguous situations, and develops solutions to tactical, ethical, and leadership problems facing a newly commissioned officer.Leader Challenge exercisesProfessional Reading ReflectionsBattle AnalysisBear River Battlefield Staff Ride PEPlan, coordinate, execute, assess, and provide feedback during tactical training events (FTX, leadership lab, PT)Cadets demonstrate critical thinking through analysis of problems, however lack creativity in their solutions, instead focusing on traditional proven solutionsIncrease the use of leader challenges and more detailed battle analysis and analysis of professional reading to expose students to a greater variety of moral / ethical / tactical situations resulting in more creative solutions

Title
Synthesize all aspects of Army Values and Warrior Ethos

Tags
41357, 0

Learning Outcome
1. Character and Accountability. Synthesizes all aspects of Army Values and Warrior Ethos and demonstrates the courage, character, physical and mental toughness and values required to succeed as an Army OfficerWarrior Ethos QuizBattle Analysis PresentationBattle of Bear River Presentations and Staff RideDemonstrate personal example while in leadership positionsStudents can define, understand and demonstrate the Army values and Warrior ethos in their daily lives. Some struggle to demonstrate commitment as the semester continues as demonstrated by inconsistent meeting of suspenses / attendanceClearly articulate expectations in writing and verbally during initial counseling to include a commitment resulting in at least cheerful cooperation leading to heartfelt commitment and creative excitement

Title
Demonstrate ability to plan, prepare & execute platoon-level

Tags
41381, 1

Learning Outcome
2. Professional competence. Demonstrates the ability to plan, prepare, and execute platoon-level training strategies including individual and collective tasks to enable mission accomplishment.Application of 8 step training model during weekly Company training meetingsPE – Assistant S3 as Lab OICPlan and execute Leadership Lab, FTX, MS III FTX, PTCadets demonstrate significant improvement in this area during the course of the yearSustain current method

Title
Demonstrate leader responsibilities in the Comprehensive Sol

Tags
41400, 8

Learning Outcome
9. Comprehensive Fitness. Demonstrate leader responsibilities in the Comprehensive Soldier Fitness program to reduce and manage stress (spiritual, psychological, physical).Plan, coordinate, execute, assess and provide feedback for a unit physical fitness programPerformance counseling – set goals in all areas of fitness, track progress and assess including incorporating peer feedbackCadets generally demonstrate consistent improvement in the 5 dimensions of Comprehensive Soldier Fitness, stress management techniques, physical fitness improvement and resiliencySustain current programs especially in stress management, spiritual and physical fitness. Continue to focus on resiliency and toughness through regularly challenging Cadets to push themselves to their limits

Title
Assess the impacts of cultural differences on military opera

Tags
41404, 5

Learning Outcome
6. Cultural Competence. Assess the impacts of cultural differences on military operations and anticipate the consequences of the Army’s interaction with disparate stake holdersProfessional Reading reflectionsBattle AnalysisBear River Battlefield Staff RideCultural application to various real world situations (current events discussions)PE at Leadership LabCadets generally recognize the importance of understanding foundational cultural concepts and cross cultural competency.Continue to use leadership challenges which require application of local cultural conceptsReinforce foreign language and foreign cultural understanding through the order of merit list and CULP integrationRequire participation in multi-cultural center event

MIL S 425R - Tactical Leadership (Ranger Challenge)

Course Information

Teaching Area (new)
MIL S

Course Number
425R

Teaching Area
MIL S

Course Title
Tactical Leadership (Ranger Challenge)

Course Description
Emphasis on fitness and tactical proficiency. Participation on University Ranger Challenge Team. Requires commitment and endurance. Provides insight into advanced Army professional training.

Department
Military Science

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
16

Other Prerequisites
Current enrollment in AROTC program

Learning Outcomes

Title
Winning

Tags
41319, 3

Learning Outcome
Outcome 4:WinningThe Ranger Challenge Team, selected from the top 11 enrolled in the class, placed 1st overall in the Brigade Ranger Challenge Competition in Colorado. As the winner of the Brigade Competition, the team was selected to participate in the Sandhurst Cup at West Point Military Academy. The BYU Ranger Challenge team placed 14 out of 54 Participating teams from all over the world at the Sandhurst Cup.Competition is one of the key drivers for active learning in this tactical leadership class. The students are more focused, they work harder, and they put in more hours in order to achieve higher standards on individual and collective skill-sets for the benefit of the team.

Title
Leader Development

Tags
41328, 0

Learning Outcome
Outcome 1:Leader DevelopmentStudents are given training guidance, mandatory training/class timeline, and expected outcomes from the instructor (CPT Young). From there it becomes the responsibility of the students to asses their available resources, identify their key training tasks, and build a detailed event timeline with a comprehensive training outline. Classes/training for each block of instruction/skill-set is supervised by class leadership and delegated to other students to become subject mater experts for their respective skill-sets and train the other students in the class.The students demonstrated solid leadership, good work ethic, and developed quality training. However, their training was not always nested within the initial guidance given by the instructor (CPT Young). This resulted in inefficiencies in lines of effort that were not focused on intended outcomes.Instructors’ (CPT Young) initial guidance needs to be more specific and focused. Execution needs more supervision without crossing the threshold of diminishing an active learning environment.

Title
Building Relationships and Camaraderie

Tags
41364, 2

Learning Outcome
Outcome 3:Building Relationships and CamaraderieDuring the class students work through the dynamics of peer leadership, working together as a team, competition with other teams, and professional interaction/ coordination with foreign nations.The BYU Ranger Challenge team organized, synchronized, panned, and executed within the organization with effective conflict management and communication. During the Sandhurst Cup, an International competition at West Point Military Academy, the BYU Ranger Challenge team built lasting relationships with other US military organizations and foreign nations.

Title
Showcasing Military Skills and Excellence

Tags
41402, 1

Learning Outcome
Outcome 2:Show-casing Military Skills and ExcellenceThe Ranger Challenge class (425R) allows students to enhance their military skills and show-case their efforts in high visibility culminating and evaluated events.Students enrolled in 425R demonstrate a greater understanding of leadership, tactics, and techniques by practical application throughout all classes, training exercises, and events within the BYU ROTC organization.BYU ROTC public affairs need to synchronize more effectively with campus and local media in order to not only show-case the achievements of the Ranger Challenge team within the ROTC organization, but also extend visibility to other student organizations across campus and the local community.

MKTG 201 - Marketing Management

Course Information

Teaching Area (new)
MKTG

Course Number
201

Teaching Area
MKTG

Course Title
Marketing Management

Course Description
Marketing's role in society and the firm, marketing opportunities, the consumer market, and management of marketing mix.

Department
Marketing and Global Supply Chain

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Designing a marketing plan

Tags
176106, 2

Learning Outcome
Design a marketing plan for a new venture by applying the appropriate tools and approaches studied

Title
Using marketing tools to create value for customers

Tags
176114, 0

Learning Outcome
Understand the fundamental components and tools of marketing and how each relates to creating and sustaining value for customers.

Title
Analyzing marketing strategies

Tags
176142, 1

Learning Outcome
Describe how specific firms (1) select target markets, (2) specify their marketing mix, and (3) attempt to attract and retain the right customers.

MKTG 326 - Career Development and Student Mentoring

Course Information

Teaching Area (new)
MKTG

Course Number
326

Teaching Area
MKTG

Course Title
Career Development and Student Mentoring

Course Description
Introduction to the resources, services, and opportunities for career development. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Resume

Learning Outcome
Create a compelling resume and LinkedIn profile tailored to marketing roles.

Title
Personal branding

Learning Outcome
Develop a personal brand that reflects their strengths and career goals.

Title
Networking

Learning Outcome
Practice networking and interviewing with confidence and professionalism.

Title
Job marketing navigation

Learning Outcome
Understand the marketing job market and how to navigate it effectively.

Title
Career strategy

Learning Outcome
Build a career strategy that aligns with their values and aspirations.

MKTG 380 - Marketing Executive Lecture Series

Course Information

Teaching Area (new)
MKTG

Course Number
380

Teaching Area
MKTG

Course Title
Marketing Executive Lecture Series

Course Description
Marketing executive guest lecture series. Students will gain exposure to marketing professionals and insight into the challenges and opportunities of marketing careers.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

MKTG 401 - Marketing Research

Course Information

Teaching Area (new)
MKTG

Course Number
401

Teaching Area
MKTG

Course Title
Marketing Research

Course Description
Concepts and methodology for conducting marketing research. Emphasis on solving problems faced by the marketing manager. Consulting research project required.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Job-Hunting Skills

Tags
176132, 6

Learning Outcome
Gain skills and confidence that will separate you from your competitors in a job hunt.

Title
Marketing Research Processes

Tags
176151, 0

Learning Outcome
Understand and implement the marketing research process.

Title
Backward Marketing Research

Tags
176169, 1

Learning Outcome
Understand and implement “backward” marketing research.

Title
Research and Recommendations

Tags
176202, 5

Learning Outcome
Formulate answers to research objectives and make meaningful business recommendations.

Title
Analytic Methods

Tags
176212, 4

Learning Outcome
Understand and implement basic analytic methods.

Title
Researching Techniques

Tags
176338, 2

Learning Outcome
Understand and employ qualitative and quantitative research techniques and visualize data.

Title
Survey Methodology

Tags
176339, 3

Learning Outcome
Identify appropriate questions for survey research. Design and implement a survey methodology to maximize response and response accuracy. Apply intuition for statistical inference in analyzing survey data.

Title
Market Simulator

Tags
177167, 7

Learning Outcome
Design and run a conjoint study, including using a market simulator.

Title
Findings

Tags
177168, 8

Learning Outcome
Interpret findings from data analysis and make marketing recommendations.

MKTG 402 - Consumer Behavior

Course Information

Teaching Area (new)
MKTG

Course Number
402

Teaching Area
MKTG

Course Title
Consumer Behavior

Course Description
Mental and emotional processes and physical actions that people engage in when selecting, purchasing, using, and discarding products and services to satisfy consumer needs and desires.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Abstract Consumer Behavior Theories

Tags
176302, 0

Learning Outcome
Apply abstract consumer behavior theories to specific business situations.

Title
Understanding Theories

Tags
176303, 1

Learning Outcome
Demonstrate a working knowledge of theories in the following consumer behavior realms: fundamental consumer needs, information processing, persuasion, and post-consumption evaluation.

Title
Group Work

Tags
176304, 2

Learning Outcome
Work effectively in groups.

Title
Effective Communication

Tags
176305, 3

Learning Outcome
Communicate effectively (both orally and in writing).

MKTG 403 - Advertising and Promotion Management

Course Information

Teaching Area (new)
MKTG

Course Number
403

Teaching Area
MKTG

Course Title
Advertising and Promotion Management

Course Description
Strategies in promoting business and nonbusiness products, services, and institutions, including the role of advertising, promotion, target selection, media and copy decisions, and marketing research.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Plan, design, evaluate marketing communications

Tags
176279, 0

Learning Outcome
Use professional skills to plan, design, and critically evaluate marketing communications.

Title
Create and communicate a creative brief

Tags
176280, 1

Learning Outcome
Create and communicate critical components of a creative brief.

Title
Calculate financial Impact of marketing communications and trade promotions.

Tags
176281, 2

Learning Outcome
Calculate the financial impact of marketing communications and trade promotions on the firm.

Title
Evaluate legal and ethical issues

Tags
176282, 3

Learning Outcome
Understand the social, legal and ethical considerations involved in the promotional planning process.

MKTG 411 - Marketing Analytics

Course Information

Teaching Area (new)
MKTG

Course Number
411

Teaching Area
MKTG

Course Title
Marketing Analytics

Course Description
Key issues in using data and analytical techniques to identify marketing insights from business data.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Data

Tags
177159, 1

Learning Outcome
Wrangle and explore data.

Title
R

Tags
177160, 1

Learning Outcome
Program in R.

Title
Survey Data

Tags
177161, 2

Learning Outcome
Analyze survey data using statistical tests.

Title
Consumer Observational Data

Tags
177162, 3

Learning Outcome
Model consumer observational data with regression.

Title
Market Structure

Tags
177163, 4

Learning Outcome
Identify market structure using principal component analysis.

Title
Consumers

Tags
177164, 5

Learning Outcome
Employ clustering techniques to segment consumers.

Title
Text

Tags
177165, 6

Learning Outcome
Scrape, clean, and analyze text.

Title
Results

Tags
177166, 7

Learning Outcome
Communicate results in terms of marketing insights.

MKTG 412 - Professional Selling

Course Information

Teaching Area (new)
MKTG

Course Number
412

Teaching Area
MKTG

Course Title
Professional Selling

Course Description
Introduction into the world of professional sales with a focus on entry-level business-to-business selling skills: prospecting, asking questions, resolving concerns, sales analytics, creatively finding new customers.

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Professional Selling

Learning Outcome
Sell professionally.

Title
Develop Communication Skills

Learning Outcome
Communicate effectively to sell your ideas, products, and services "without making an enemy."

Title
Sales Leadership Skills

Learning Outcome
Use leadership skills that will influence personal and professional life.

MKTG 414 - Entrepreneurial Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
414

Teaching Area
MKTG

Course Title
Entrepreneurial Marketing

Course Description
Marketing strategies for start-up companies. Topics include marketing to investors, internal marketing, and how to market products/services without a marketing budget.

Department
Marketing and Global Supply Chain

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Basic Entrepreneurial Skills

Tags
176271, 0

Learning Outcome
Market entrepreneurially - make "competitive angles" that make competitors irrelevant.

Title
Marketing Tactics

Tags
176272, 1

Learning Outcome
Introduce new products and formulate marketing tactics for startup companies on a limited budget.

Title
Marketing Consultant Skills

Tags
176273, 2

Learning Outcome
Have the mindset, qualitative skills, and quantitative skills to be a marketing consultant for startup firms.

MKTG 415 - Digital Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
415

Teaching Area
MKTG

Course Title
Digital Marketing

Course Description
Digital marketing is broad and varied, so rather than digging deeply into one topic (e.g., search engine optimization) and ignoring all other topics, this class will cover a wide variety of digital marketing topics. Students will customize their experience by choosing between two different "tracks" in the course: a strategic emphasis or tactical emphasis.\n \n

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Note
MKTG 415 is held online, not in a classroom. A large majority of the class sessions are "asynchronous" videos that you can watch whenever you want. A few of the class sessions are students presenting the results of their group work, and those sessions will be "synchronous" Zoom sessions held at the appointed class time.

Learning Outcomes

Title
Web design (from a marketing perspective)

Tags
211335, 0, 3

Learning Outcome
Learn to apply the principles of web design to generate a high level of conversion from website visitors.

Title
Building web traffic

Tags
211336, 0, 4

Learning Outcome
Apply the principles of search engine optimization (SEO) and search engine marketing (i.e., paid search) to build web traffic.

Title
Content marketing

Tags
211337, 0, 5

Learning Outcome
Apply the principles of engagement and brand building when creating and evaluating online content that the firm will share online.

Title
Additional digital marketing skills

Tags
211338, 0, 6

Learning Outcome
Gain skills in additional digital marketing areas, including the following: conversion rate optimization, online reputation management, email and SMS marketing, crowdsourcing, and affiliate marketing.

Title
Digital marketing software tools

Tags
211339, 0, 7

Learning Outcome
Learn to use a variety of industry-leading software tools for digital marketing tasks.

MKTG 416 - International Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
416

Teaching Area
MKTG

Course Title
International Marketing

Course Description
International market entry strategies, export marketing, joint ventures, and other market entry modes. Regional/National markets; cultural, political, legal environments. Negotiations, trade financing, marketing mix.

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MKTG 201 - Marketing Management

Other Prerequisites
For Marriott School majors or Global Business and Literacy minors only.

Recommended
Bus m 430

Learning Outcomes

Title
Managing Foreign Market

Tags
176067, 2

Learning Outcome
Be prepared to enter and succeed as a manager in a foreign market.

Title
Marketing Concepts

Tags
176118, 1

Learning Outcome
Apply relevant marketing concepts in current, cross-cultural and/or global contexts.

Title
Marketing Concepts

Tags
176274, 0

Learning Outcome
Use verbal and written case method skills related to international marketing.

MKTG 417 - Creativity and Design in Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
417

Teaching Area
MKTG

Course Title
Creativity and Design in Marketing

Course Description
Concepts and strategies to increase creativity, problem solving, and design skills. Emphasis on storytelling, advertising, and content creation.

Department
Marketing and Global Supply Chain

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MKTG 418 - Pricing Strategies

Course Information

Course Number
418

Teaching Area
MKTG

Course Title
Pricing Strategies

Course Description
Introduction to frameworks relevant for making pricing decisions. An integrative approach to pricing strategies combining strategic, economic, marketing, and psychological considerations.

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Pricing Methods

Tags
214066, 0, 1, 2023-08-29 11:03:30

Learning Outcome
Explain the three primary pricing methods, cost-based, value-based, and competition-based, and how they relate to the ideal pricing model.

Title
Pricing Psychology

Tags
214067, 0, 2, 2023-08-29 11:03:32

Learning Outcome
Evaluate how the various psychological influences consumers perceive value and identify the different ways companies attempt to influence those perceptions.

Title
Quantitative Methods

Tags
214068, 0, 3, 2023-08-29 11:03:45

Learning Outcome
Apply quantitative methods for understanding how consumers value a product.

Title
Segmentation

Tags
214069, 0, 4, 2023-08-29 11:03:46

Learning Outcome
Describe different methods for segmenting markets and how that has an impact on price discrimination.

Title
Product Line Pricing

Tags
214070, 0, 5, 2023-08-29 11:03:48

Learning Outcome
Compute optimal pricing policies when firms have multiple product offerings.

Title
Pricing Considerations

Tags
214071, 0, 6, 2023-08-29 11:03:49

Learning Outcome
Discuss the various regulatory, ethical, practical considerations that should inform a managers price setting practices.

MKTG 419 - Product Marketing

Course Information

Course Number
419

Teaching Area
MKTG

Course Title
Product Marketing

Course Description
Introduction to marketing high tech software and hardware products. Covers the various strategies tech products use to go to market and build successful businesses.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Fixed/Max:
3

Learning Outcomes

Title
Technology Strategy

Learning Outcome
Evaluate the product strategies for a variety of technology companies, understand the motivations behind those strategies, and articulate how the work that they might do fits into the strategic direction of the firm.

Title
Product Creation

Learning Outcome
Apply the core skills of product management to design and build high tech products and product features to appeal to the target market.

Title
Product Introduction

Learning Outcome
Apply product marketing management skills to deliver high tech products to the market place. They will understand the difference between B2B and B2C markets and how to reach each of those markets by delivering a compelling value proposition to customers.

Title
Product Roles

Learning Outcome
Examine the different roles that are available to them as technology marketers and explain how each of those roles contribute to the success of the organization to which they belong.

MKTG 420 - Marketing Automation

Course Information

Course Number
420

Teaching Area
MKTG

Course Title
Marketing Automation

Course Description
Sophisticated businesses use a variety of marketing technologies to send the right message to the right potential customer at the right time. Use these technical tools to execute sophisticated marketing plans throughout the customer journey.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Fixed/Max:
3

Learning Outcomes

Title
Marketing Technology Stack

Learning Outcome
Identify, describe, and integrate the various components of the marketing technology stack, including CRM systems, content management systems, and advertising platforms, to effectively support marketing operations.

Title
Automated Marketing Campaigns

Learning Outcome
Design, build, and execute automated marketing workflows using tools such as email marketing platforms, customer journey automation, and lead scoring systems.

Title
Optimize Marketing Performance

Learning Outcome
Evaluate the effectiveness of marketing campaigns by using key performance indicators (KPIs), metrics, and attribution models, applying data-driven insights to optimize marketing automation strategies for better business outcomes.

MKTG 422 - Business to Business Selling

Course Information

Teaching Area (new)
MKTG

Course Number
422

Teaching Area
MKTG

Course Title
Business to Business Selling

Course Description
A practical approach to direct business-to-business selling, specifically focused on obtaining new customers with a secondary focus on cross-selling into existing customers.

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MKTG 425 - Advanced Digital Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
425

Teaching Area
MKTG

Course Title
Advanced Digital Marketing

Course Description
Builds on digital marketing skills to give students deeper understanding and abilities to conduct search engine optimization, paid search marketing, display advertising, and more.

Department
Marketing and Global Supply Chain

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MKTG 415 - Digital Marketing

MKTG 429 - Marketing Strategy

Course Information

Teaching Area (new)
MKTG

Course Number
429

Teaching Area
MKTG

Course Title
Marketing Strategy

Course Description
Integration of finance, marketing, and case studies in economic concepts and techniques in marketing decision making and planning.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marketing majors only.

Learning Outcomes

Title
Improving Written and Oral Communication

Tags
176150, 4

Learning Outcome
Improving written and oral communication skills through written case assignments and in-class presentations.

Title
Develop Effective Tactical Responses

Tags
176153, 3

Learning Outcome
Effectively identifying core problems, create strategic solutions, and implement effective tactical response as demonstrated in case decisions.

Title
Effective Team Management

Tags
176196, 2

Learning Outcome
Demonstrating effective team management by producing quality deliverables (case memos, simulation performance, and corporate training presentations) conceived and created through team collaboration.

Title
Fundamental Marketing Strategies

Tags
176291, 0

Learning Outcome
Understand fundamental marketing strategies and tactics as demonstrated via classroom discussion, individual and team assessments, and peer-to-peer training presentations. For example:

Analyze current and potential markets to determine their market attractiveness
Apply appropriate marketing strategies based on market attractiveness and relative firm strength
Calculate and apply Break-even, Net Marketing Contribution, Marketing ROI, Marketing ROS to assigned cases and examples.

Title
Integrating Marketing Training

Tags
176292, 1

Learning Outcome
Integrating previous marketing training into a systematic whole by applying that knowledge to case analysis. For example:

Creating integrated product positioning by carefully combining all four Ps of the marketing mix
Interpreting the results of a conjoint market research study and using those insights to create marketing strategy
Understanding that customers are often different than I am and they need to be understood in their own voice and on their own terms

MKTG 455 - Marketing & Brand Consulting

Course Information

Course Number
455

Teaching Area
MKTG

Course Title
Marketing & Brand Consulting

Course Description
Marketing consulting projects with real clients, from business development to project execution and delivery.

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Fixed/Max:
3

Learning Outcomes

Title
Consulting Skills

Learning Outcome
Develop consulting skills including business problem elicitation, pitching, project management, presenting ,and socializing results.

Title
Agency Frameworks

Learning Outcome
Address client needs while applying agency frameworks.

Title
Collaboration

Learning Outcome
Collaborate across internal team structures, set appropriate expectations with clients, and deliver results that have business impact.

MKTG 490R - Topics in Marketing

Course Information

Teaching Area (new)
MKTG

Course Number
490R

Teaching Area
MKTG

Course Title
Topics in Marketing

Department
Marketing and Global Supply Chain

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
By permission only.

MKTG 585R - Pre-PhD Marketing Seminar-Research Topics and Methods

Course Information

Teaching Area (new)
MKTG

Course Number
585R

Teaching Area
MKTG

Course Title
Pre-PhD Marketing Seminar-Research Topics and Methods

Course Description
Introduction to theory, methods, and areas of research in marketing, with a goal of helping students prepare to apply to marketing PhD programs. Introduces the philosophy of science and research as applied to the study of marketing. Methods and theory that are foundational to the study and practice of marketing. \n\n

Department
Marketing and Global Supply Chain

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
MKTG 201, 401, 402, 403

MMBIO 102 - Introduction to Clinical Laboratory Techniques

Course Information

Teaching Area (new)
MMBIO

Course Number
102

Teaching Area
MMBIO

Course Title
Introduction to Clinical Laboratory Techniques

Course Description
Hospital laboratory techniques.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Techniques

Tags
201967, 0

Learning Outcome
Describe and carry out basic clinical laboratory techniques

Title
Careers

Tags
201972, 1

Learning Outcome
List and evaluate careers in clinical laboratory sciences

MMBIO 110R - Extremophiles: Life in Extreme Environments

Course Information

Teaching Area (new)
MMBIO

Course Number
110R

Teaching Area
MMBIO

Course Title
Extremophiles: Life in Extreme Environments

Course Description
A field trip-based investigation of microbial life in extreme environments. Field trips to Yellowstone National Park, Great Salt Lake, and to a water treatment plant will investigate thermophiles, halophiles, and methanogens, respectively.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Life in Extreme Environments

Tags
202037, 1

Learning Outcome
Students will deepen their appreciation of microbial life by investigating extreme environments in which microorganisms have evolved to grow and thrive.

MMBIO 121 - General Biology: Health and Disease

Course Information

Teaching Area (new)
MMBIO

Course Number
121

Teaching Area
MMBIO

Course Title
General Biology: Health and Disease

Course Description
An overview of the living world and how it functions and adapts in the context of human health and disease.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
General biology with a focus on health and disease

Tags
202038, 1

Learning Outcome
Students will develop a solid undertanding of general biological principles in context of relevant topics in health and biology.

MMBIO 122 - General Biology: Health and Disease Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
122

Teaching Area
MMBIO

Course Title
General Biology: Health and Disease Laboratory

Course Description
Laboratory exercises using both prokaryotic and eukaryotic organisms to demonstrate the scientific process and to examine microbial growth, control of microbial growth, metabolism, genetics, evolution, disease transmission, infection, and immunology.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Recommended
Concurrent enrollment or completion of either MMBIO121 or CELL120

MMBIO 151 - Microbiology for Majors

Course Information

Teaching Area (new)
MMBIO

Course Number
151

Teaching Area
MMBIO

Course Title
Microbiology for Majors

Course Description
Principles of prokaryotic biology emphasizing cell structure, function, and metabolism. Introduction to bacterial genetics, microbial diversity, and microbial ecology.

Department
Microbiology and Molecular Biology

When Taught
Fall; Winter.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MMBIO 121 - General Biology: Health and Disease

OR

Prerequisites

Complete ALL of the following Courses:

- BIO 130 - Biology

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology

Other Prerequisites

Chem 105 or concurrent enrollment.

Learning Outcomes

Title
Making Informed Judgements

Tags
201873, 4

Learning Outcome
Students will be able to make informed judgments on tests, lab reports, and lab presentations by applying and integrating appropriate microbiological knowledge. *Relates to Program Learning Outcome: "Communicate scientific information using both oral and written methods"

Title
Complexity, Diversity and Purposes of Life

Tags
201878, 5

Learning Outcome
Students will be able to reflect on the complexity, diversity and purposes of life by examining the physiology, ecology, and genetics of microorganisms. *Relates to Program Learning Outcome: "Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles"

Title
Microbes

Tags
201888, 1

Learning Outcome
Students will be able to distinguish between eukaryotes, prokaryotes, and viruses by comparing and contrasting their various structures and functions. *Relates to Program Learning Outcome: "Exhibit mastery of four of the following six principal areas of the discipline" five of which are microbial physiology, microbial genetics, microbial ecology, medical microbiology, and virology

Title
Microbiology Tools and Technique

Tags
201929, 2

Learning Outcome
Students will be able to discuss and use the fundamental tools utilized by microbiologists, including aseptic technique, streaking for isolation, and performing growth experiments. *Relates to Program Learning Outcome: "Exhibit mastery of four of the following six principal areas of the discipline" three of which are microbial physiology, microbial genetics, microbial ecology

Title
Research Design, Data Collection, and Analysis

Tags
202001, 3

Learning Outcome
Students will be able to design and carry out research studies, including formulating questions and testable hypotheses, implementing appropriate experimental protocols, and collecting and analyzing data, and drawing appropriate conclusions. *Relates to Program Learning Outcome: “Devise experiments with appropriate hypotheses and controls.”

MMBIO 162R - Careers in Biomedical Sciences

Course Information

Teaching Area (new)
MMBIO

Course Number
162R

Teaching Area
MMBIO

Course Title
Careers in Biomedical Sciences

Course Description
Lectures and field trips surveying career choices.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Learning Outcomes

Title
Career preparation

Tags
187151, 1

Learning Outcome
Students should be able to make informed decisions about career paths in Microbiology

Title
Career preparation

Tags
201958, 0

Learning Outcome
Students should be able to make informed decisions about career paths in Microbiology

MMBIO 194 - Phage Hunters: Discovery

Course Information

Teaching Area (new)
MMBIO

Course Number
194

Teaching Area
MMBIO

Course Title
Phage Hunters: Discovery

Course Description
Phage isolation and characterization.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Note
Freshmen or sophomore students preferred. Requires two semester commitment.

Learning Outcomes

Title
Laboratory Equipment

Tags
201907, 3

Learning Outcome
Use standard microbiology laboratory equipment correctly.

Title
Aseptic Technique

Tags
201940, 1

Learning Outcome
Use proper aseptic techniques for the transfer and handling of microorganisms and instruments.

Title
Media and Test Systems

Tags
201962, 2

Learning Outcome
Use appropriate microbiological media and test systems.

Title
Experimental Protocol and Data Analysis

Tags
202004, 4

Learning Outcome
Follow an experimental protocol, collect and organize data in a systematic fashion, present data in anappropriate form, assess the validity of the data, and draw appropriate conclusions based on the results.

Title
Analyzing, Troubleshooting and Experimental Design

Tags
202076, 5

Learning Outcome
Analyze experimental data, draw conclusions and troubleshoot problems. Design appropriate experiments given the results

Title
Characterize bacteriophages using standard morphological, genomic and proteomic approaches.

Tags
202077, 6

Learning Outcome
Understand and utilize scientific methods used to study and compare bacteriophages, including electron microscopy, DNA sequencing, DNA annotation, Genomic and proteomic comparison, mass spectrometry and phylogenetic techniques such as ANI, phylogenetic trees and dot plot analysis.

Title
Communicating science

Tags
202078, 7

Learning Outcome
Learn about the different methods of presenting scientific findings, including scientific blogs, posters, abstracts, manuscripts and presentations. Learn to write and critique scientific blogs

MMBIO 195 - Phage Hunters: Comparative Genomics

Course Information

Teaching Area (new)
MMBIO

Course Number
195

Teaching Area
MMBIO

Course Title
Phage Hunters: Comparative Genomics

Course Description
Phage genome annotation. Focus on experimental design and data analysis.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Note
Freshmen or sophomore students preferred. Requires two semester commitment.

Learning Outcomes

Title
Research Presentation

Tags
201859, 6

Learning Outcome
Prepare and deliver a research presentation (oral and poster)

Title
Research Abstract

Tags
201869, 5

Learning Outcome
Prepare an abstract for a presentation of research data

Title
Research Reading and Writing

Tags
201900, 7

Learning Outcome
Gain experience in research writing and reading of scientific papers

Title
DNA Preparation

Tags
201913, 1

Learning Outcome
Prepare DNA for sequencing

Title
Bioinformatic Software

Tags
201919, 3

Learning Outcome
Learn how to use bioinformatics software for the following:DNA sequence alignment (Consed)Primer design (Primer3)Assessing ORFs for gene calls (GBrowse, Glimmer and GeneMark)Homology assessment (BLAST and Phamerator)Annotation (Apollo)Comparative analysis (positional and functional)

Title
Archiving Samples

Tags
201925, 2

Learning Outcome
Archive phage samples and DNA samples (submit archived phage to HHMI)

Title
GenBank

Tags
201999, 4

Learning Outcome
Analyze, annotate and prepare to submit genome to GenBank (submit if possible)

MMBIO 221 - General Microbiology

Course Information

Teaching Area (new)
MMBIO

Course Number
221

Teaching Area
MMBIO

Course Title
General Microbiology

Course Description
Microbial world, emphasizing communicable diseases, their causes and control.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Any biology course

Recommended
Any chemistry course

Note
Recommended for students seeking a liberal education in microbiology who do not have the prerequisites to take the more advanced courses. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/MMBIO-221-M003

Learning Outcomes

Title
0

Tags
201860, 0

Learning Outcome

Explain and discuss the ways by which microbiologists study microorganisms.

Title
2

Tags
201898, 3

Learning Outcome

Propose microbial solutions to global problems.

Title
4

Tags
201930, 1

Learning Outcome

Discuss the principle infectious diseases that affect mankind, including how they are transmitted, treated, controlled and prevented.

Title
1

Tags
201949, 2

Learning Outcome

Differentiate between the types of microorganisms by identifying relevant structure and their function in the biosphere.

Title
3

Tags
201995, 4

Learning Outcome

Describe how the human body defends itself against infectious agents.

Title
Immunity and Microbiology

Tags
201892, 2

Learning Outcome
Describe how the human body defends itself against infectious agents.

Title
Classify Microorganisms

Tags
201939, 0

Learning Outcome
Differentiate between the types of microorganisms by identifying relevant structure and their function in the biosphere.

Title
Microbial Solutions

Tags
201943, 3

Learning Outcome
Propose microbial solutions to global problems.

Title
Microbiology Techniques

Tags
201997, 1

Learning Outcome
Explain and discuss the ways by which microbiologists study microorganisms.

MMBIO 222 - General Microbiology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
222

Teaching Area
MMBIO

Course Title
General Microbiology Laboratory

Department
Microbiology and Molecular Biology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
MMBio 221 or concurrent enrollment

Learning Outcomes

Title
Aseptic Technique

Tags
201903, 1

Learning Outcome
Use proper aseptic techniques int he handling and transfer of microbiological specimens

Title
Media

Tags
201936, 2

Learning Outcome
Use standard microbiological media to culture and identify common microbiological specimens

Title
Equipment

Tags
201977, 3

Learning Outcome
Use standard microbiology laboratory equipment correctly

Title
Microscopy

Tags
201991, 0

Learning Outcome
Use the bright field microscope to view and interpret microbiological specimens

Title
Microorganisms in life

Tags
202010, 5

Learning Outcome
Integrate information and skills gained int eh course to make informed judgements about the role of microorganisms in everyday life

Title
Experimental procedure

Tags
202014, 4

Learning Outcome
Follow an experimental protocol, collect and organize data, present data in an appropriate form, assess the validity of the data, and draw appropriate comclusions based on the results

Title
Safety

Tags
202020, 6

Learning Outcome
Use accepted safety protocols when handling microbiological specimens and chemicals

MMBIO 240 - Molecular Biology

Course Information

Teaching Area (new)
MMBIO

Course Number
240

Teaching Area
MMBIO

Course Title
Molecular Biology

Course Description
Fundamentals of protein and nucleic acid structure and their function in the context of the classical experiments that have informed our current models of biology at the molecular level.

Department
Microbiology and Molecular Biology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- BIO 130 - Biology
  OR MMBIO 121 - General Biology: Health and Disease
  OR CELL 120 - Science of Biology

Recommended
Chem 105 or Chem 111

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

Learning Outcomes

Title
Effective Collaboration

Tags
201880, 3

Learning Outcome
Collaborate with other students to solve challenging problems, to clarify ideas and concepts, and to learn from one another in a spirit of cooperation and integrity

Title
Molecular Functions, Structures, Processes, and Mechanisms

Tags
201905, 0

Learning Outcome
Describe and compare the functions and molecular structures of DNA, RNA, and protein, and explain the processes and regulatory mechanisms governing the synthesis of each.

Title
Molecular Biology Techniques

Tags
201948, 1

Learning Outcome
Explain a variety of molecular biology techniques, and interpret experimental results obtained using the various methods.

Title
Problem Solving

Tags
201988, 2

Learning Outcome
Solve unfamiliar problems by applying the information and principles mastered through Learning Outcomes 1 and 2

MMBIO 241 - Molecular and Cellular Biology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
241

Teaching Area
MMBIO

Course Title
Molecular and Cellular Biology Laboratory

Course Description
Molecular and cellular biology techniques laboratory.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
MMBio 240 or concurrent enrollment

Note
Registration questions? Call MMBIO advisor at 801-422-4293.

Learning Outcomes

Title
Ethics and Integrity

Tags
201857, 1

Learning Outcome
Practice ethics and integrity by working with groups and following lab rules.*Relates to Program Learning Outcome: A commitment to professional integrity and ethical behavior consistent with themission of the university.

Title
Experimental Design

Tags
201986, 2

Learning Outcome
Learn the basics of experimental design, how to formulate a hypothesis, what controls to use, how to interpret experimental data.*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls.

Title
Scientific Communication

Tags
202003, 3

Learning Outcome
Practice scientific communication through written lab questions, exams and oral presentations.*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls.

Title
Laboratory Techniques and Practices

Tags
202022, 4

Learning Outcome
Learn molecular biology laboratory techniques through practical laboratory exercises. Techniques include, spectrophotometry,isolation of DNA and protein, quantification of DNA and protein, techniques used to purify or detect specific proteins, such aschromatography, western blot and ELISA, DNA fingerprinting, polymerase chain reaction and enzyme assays.*Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology.

MMBIO 250 - Careers in Genetic Counseling

Course Information

Course Number
250

Teaching Area
MMBIO

Course Title
Careers in Genetic Counseling

Course Description
This course is to orient students to the genetic counseling profession. It has three main portions: 1. the discussion of the scientific aspect of genetic diseases and inheritance; 2. Principles of counseling focusing on genetic counseling, and 3. Guest speakers to discuss career tracks, admissions, and many practical aspects of the profession. It will be a discussion and group experience-based course for the most part.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Introduce Students to the Genetic Counseling Profession

Learning Outcome
Students will have the opportunity to talk to genetic counselors and have their questions answered

Title
Genetics Knowledge

Learning Outcome
Students will be able to describe the basics of DNA, mutation, heredity patterns, and other factors associated with the inheritance and function of genetic diseases

Title
Counseling skills

Learning Outcome
Students will practice counseling skills associated with genetic counseling using case studies

MMBIO 261 - Infection and Immunity

Course Information

Teaching Area (new)
MMBIO

Course Number
261

Teaching Area
MMBIO

Course Title
Infection and Immunity

Course Description
Principles of infectious organisms (principally bacteria and viruses), the diseases they cause, and the role of host immune responses in health and disease.

Department
Microbiology and Molecular Biology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Immune Defense

Tags
201996, 3

Learning Outcome
Expand the student's understanding microbial invaders and their pathogenic mechanisms and acknowledge the miracle of immunedefense. Develop good study habits through participation in group study sessions.• Relates to Program Learning Outcome: “Reflect/ discuss/explore how faith in the Lord and Christ-like living are affected by anunderstanding of fundamental biological processes.” As well as develop a “commitment to professional integrity and ethical behaviorconsistent with the mission of the university and accepted standards of professional conduct.”

Title
Immune System

Tags
202011, 1

Learning Outcome
Understand foundational information about viruses, bacteria and the immune system by studying and reflecting on the topic.• Relates to Microbiology and Molecular Biology Program Learning Outcome: "Exhibit mastery of four of the following six principalareas of the discipline” three of which are medical microbiology, virology, and immunology; and to prepare the student for “furthereducation and/or employment in teaching, basic research, or the health professions.”

Title
Scientific Communication

Tags
202016, 2

Learning Outcome
Engage in discussions about virology, immunology, and medical microbiology concepts and research to become confident in discussingthese topics in writing or speech.• Relates to Microbiology and Molecular Biology Program Learning Outcome: “Communicate scientific information using both oral and written methods.”

MMBIO 294R - Mentored Research

Course Information

Teaching Area (new)
MMBIO

Course Number
294R

Teaching Area
MMBIO

Course Title
Mentored Research

Course Description
Introduction to mentored research in the fields of Microbiology and Molecular Biology.

Department
Microbiology and Molecular Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Mentor's consent.

MMBIO 360 - Bacterial Genetics

Course Information

Teaching Area (new)
MMBIO

Course Number
360

Teaching Area
MMBIO

Course Title
Bacterial Genetics

Course Description
How DNA governs complex bacterial functions. Classical and modern approaches to gene discovery, including genetic screens, gene mapping, targeted genetic manipulations, and analyzing gene activity.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MMBIO 240 - Molecular Biology

MMBIO 363 - Microbial Ecology

Course Information

Teaching Area (new)
MMBIO

Course Number
363

Teaching Area
MMBIO

Course Title
Microbial Ecology

Course Description
Natural history of a microbe; its distribution and abundance. Critical influence of scale and perspective in determining underlying mechanisms.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- MMBIO 151 - Microbiology for Majors

OR

Prerequisites

Complete ALL of the following Courses:

- MMBIO 221 - General Microbiology
  AND MMBIO 222 - General Microbiology Laboratory

Learning Outcomes

Title
Scientific Communication

Tags
201901, 4

Learning Outcome
Each student will communicate understanding in both written and verbal formats.

Title
Literature Analysis and Critique

Tags
201951, 3

Learning Outcome
Each student will become proficient at the analysis, interpretation, and critique of the scientific literature associated with this discipline

Title
Religion, Philosophy, and Microbiology

Tags
201978, 5

Learning Outcome
Each student will have the opportunity to explore the religious, philosophical, and personal aspects of the discipline

Title
Microbial Ecology

Tags
202002, 1

Learning Outcome
Each student will have a clear understanding and mastery of the discipline of microbial ecology.

Title
Experimental Design

Tags
201952, 0, 2, 2020-08-20 07:33:51

Learning Outcome
Each student will design and execute original experiments with appropriate hypotheses and controls

MMBIO 364 - Bacterial Pathogenesis.

Course Information

Teaching Area (new)
MMBIO

Course Number
364

Teaching Area
MMBIO

Course Title
Bacterial Pathogenesis.

Course Description
Fundamental principles of bacterial pathogenesis, emphasizing the molecular interactions of medically important bacteria and their hosts.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 151 - Microbiology for Majors
  AND MMBIO 240 - Molecular Biology
  AND MMBIO 261 - Infection and Immunity

Learning Outcomes

Title
Molecular Tools and Techniques

Tags
201891, 5

Learning Outcome
Have a basic proficiency in the major current molecular tools and techniques used in bacterial pathogenesis research.

Title
Research Reporting

Tags
201895, 3

Learning Outcome
Effectively report in writing the results of your own laboratory research

Title
Research Evaluation

Tags
201926, 2

Learning Outcome
Read, understand, and evaluate research published in the area of bacterial pathogenesis.

Title
Major Bacterial Pathogens

Tags
201947, 1

Learning Outcome
Recognize the diseases caused by major bacterial pathogens and understand the features of pathogenic bacteria that enable them to cause disease

Title
Working with Infectious Bacteria

Tags
202028, 4

Learning Outcome
Work safely and effectively with infectious bacteria.

MMBIO 365 - Bacterial Pathogenesis Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
365

Teaching Area
MMBIO

Course Title
Bacterial Pathogenesis Laboratory

Course Description
Laboratory investigation of processes of bacterial pathogenesis.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 241 - Molecular and Cellular Biology Laboratory **AND** MMBIO 261 - Infection and Immunity

Other Prerequisites
MMBio 364 or concurrent enrollment.

MMBIO 366 - Microbial Ecology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
366

Teaching Area
MMBIO

Course Title
Microbial Ecology Laboratory

Course Description
Laboratory methods in microbial ecology and diversity.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Recommended
MMBIO 363

MMBIO 368 - (MMBio-Bio-PWS) Genomics

Course Information

Teaching Area (new)
MMBIO

Course Number
368

Teaching Area
MMBIO

Course Title
(MMBio-Bio-PWS) Genomics

Course Description
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND PWS 340 - Genetics

Learning Outcomes

Title
Identify genomic techniques

Tags
214072, 0, 1, 2023-08-29 11:04:16

Learning Outcome
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are

Title
Genome Sequences

Tags
214073, 0, 2, 2023-08-29 11:04:18

Learning Outcome
Students will be able to describe how genomes are sequenced.

Title
Evaluate emerging technologies

Tags
214074, 0, 3, 2023-08-29 11:04:21

Learning Outcome
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based

Title
Communicate effectively

Tags
214075, 0, 4, 2023-08-29 11:04:25

Learning Outcome
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms

Title
Genomic Experiments

Learning Outcome
Students will complete a series of exercises with data representing genomic experiments (analysis and interpret).

Title
Genomic Features

Learning Outcome
Students will understand techniques and concepts to assess genomic features such as methylation, gene expression, etc.

MMBIO 385 - Phage Genetics

Course Information

Teaching Area (new)
MMBIO

Course Number
385

Teaching Area
MMBIO

Course Title
Phage Genetics

Course Description
Phage genetics with student-designed experiments.

Department
Microbiology and Molecular Biology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 194 - Phage Hunters: Discovery
  AND MMBIO 195 - Phage Hunters: Comparative Genomics

Other Prerequisites
By instructor permission only.

MMBIO 390R - Readings in Molecular Biology

Course Information

Teaching Area (new)
MMBIO

Course Number
390R

Teaching Area
MMBIO

Course Title
Readings in Molecular Biology

Course Description
Selected readings in molecular biology.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology

Recommended
PDBio 360

Learning Outcomes

Title
Critical Analysis

Tags
201865, 2

Learning Outcome
Gain experience in critically evaluating the current literature in molecular biology.

Title
Current Literature and Techniques

Tags
201928, 1

Learning Outcome
Become familiar with the current literature and techniques in molecular biology

Title
Scientific Communication

Tags
202017, 3

Learning Outcome
Gain confidence in scientific presentations and discussions.

MMBIO 399R - Academic Internship

Course Information

Teaching Area (new)
MMBIO

Course Number
399R

Teaching Area
MMBIO

Course Title
Academic Internship

Course Description
Approved experiential learning.

Department
Microbiology and Molecular Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
40

Other Prerequisites
Mentor's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Experimental analysis

Tags
201890, 1

Learning Outcome
Students will analyze experimental results and draw conclusions.

Title
Effective communication

Tags
201992, 0, 2

Learning Outcome
Students will communicate with supervisors and colleagues outside of the university environment. They will present their scientific research.

Title
Experimental design and experience

Tags
201974, 0, 0

Learning Outcome
Students will be able to design and perform experiments using the latest techniques.

MMBIO 405 - Basic Laboratory Operations in Medical Laboratory Science

Course Information

Teaching Area (new)
MMBIO

Course Number
405

Teaching Area
MMBIO

Course Title
Basic Laboratory Operations in Medical Laboratory Science

Course Description
Basic laboratory process and procedures.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Medical Laboratory Science program acceptance.

MMBIO 406 - Clinical Chemistry

Course Information

Teaching Area (new)
MMBIO

Course Number
406

Teaching Area
MMBIO

Course Title
Clinical Chemistry

Course Description
Laboratory diagnosis of disorders involving the major systems of the human body with clinical chemistry.\n

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Other Prerequisites
Medical laboratory science program acceptance

MMBIO 407 - Clinical Microbiology

Course Information

Teaching Area (new)
MMBIO

Course Number
407

Teaching Area
MMBIO

Course Title
Clinical Microbiology

Course Description
Approaches to laboratory diagnosis of infectious diseases.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
5

Fixed/Max:
5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 261 - Infection and Immunity

Other Prerequisites
Admission to the Medical Laboratory Science program.

Learning Outcomes

Title
Laboratory tests and diagnostics

Tags
201863, 0

Learning Outcome
Gain familiarity with the medically important bacteria and fungi by performing the full range of clinical laboratory tests in Microbiology (Prepare, examine and interpret gram stained smears of microorganisms, streak appropriate media for isolation of microorganisms, interpret stains, growth patterns, and biochemical reactions to aid in the identification of microbial organisms) and play a role in the development and evaluation of test systems and interpretive algorithms

Title
Test Systems Development and Evaluation

Tags
201914, 1

Learning Outcome
Have diverse responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance. Demonstrate improvement wherever laboratory testing is researched, developed, or performed. Be able to design experiments, with appropriate controls, to test various hypotheses in clinical Microbiology.

Title
Information Processing and Management Systems

Tags
201922, 4

Learning Outcome
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

Title
Effective Communication

Tags
201968, 2

Learning Outcome
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

Title
Laboratory Management and Organization

Tags
201993, 3

Learning Outcome
Possess basic knowledge, skills, and relevant experiences for the following:Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient educationFinancial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory servicesInformation management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

MMBIO 409 - Hematology

Course Information

Teaching Area (new)
MMBIO

Course Number
409

Teaching Area
MMBIO

Course Title
Hematology

Course Description
The normal physiology of blood and the pathophysiology of anemias, leukemias, and coagulation disorders.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND MMBIO 261 - Infection and Immunity

MMBIO 410 - Hematology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
410

Teaching Area
MMBIO

Course Title
Hematology Laboratory

Course Description
Training in medical laboratory hematology techniques and the diagnosis of hematological disorders.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Medical Laboratory Science program acceptance.

MMBIO 411 - Molecular Diagnostics

Course Information

Teaching Area (new)
MMBIO

Course Number
411

Teaching Area
MMBIO

Course Title
Molecular Diagnostics

Course Description
Molecular techniques in medical laboratory sciences.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND MMBIO 241 - Molecular and Cellular Biology Laboratory
  AND PWS 340 - Genetics

MMBIO 412 - Immunohematology

Course Information

Teaching Area (new)
MMBIO

Course Number
412

Teaching Area
MMBIO

Course Title
Immunohematology

Course Description
Theory and practice of blood banking.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
6

Other Prerequisites
Medical Laboratory Science program acceptance.

Learning Outcomes

Title
MMBio 412, Clinical Immunohematology Course Outcomes

Tags
210066, 0, 1

Learning Outcome
#1 – Discuss and demonstrate the proper collection, handling, and processing of clinical samples for Immunohematology testing.
#2 - Accurately perform immunohematology tests for the diagnosis of various conditions and interpret the results. Demonstrate competency in areas of analysis and clinical decision-making, regulatory compliance, and quality assurance/performance improvement associated with immunohematology testing.
#3 – Demonstrate competency in the methodologies commonly used in immunohematology testing, including: ABO/Rh testing, Antibody screening tests, antibody identification, antigen typing, quality control, fetal screen, crossmatch, proper labelling of blood for transfusion, blood component preparation and therapy, absorption, and elution techniques.
#4 – Describe the disease processes associated with immunohematology and our role as medical laboratory scientists in meeting the needs of our patients including trauma, hemolytic anemia's, pregnancy, hemolytic disease of the fetus and newborn, surgical blood loss, adverse affects of transfusion, and component preparation/therapy.
* Outcomes will be measured using lecture exams, laboratory exercises, laboratory practical exams. Also upon completion of the MLS program our students take a MLS certification exam administered by the American Society for Clinical Pathology Board of Certification which covers immunohematology.

Perform the full range of clinical laboratory tests in immunohematology.
Link to Program Outcomes: Laboratory Tests and Diagnostics, Critical Thinking
Bottom of Form
Top of Form
Have responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance improvement wherever laboratory testing is researched, developed, or performed *Relates to Program Learning Outcome: #2
Link to Program Outcomes: Critical Thinking
Bottom of Form
Top of Form
Possess basic knowledge, skills, and relevant experiences for the following:

Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient education
Financial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory services
Information management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information

*Relates to Program Learning Outcome: #3, 4, 5
Link to Program Outcomes: Effective Communication, Laboratory Management and Organization, Information Processing and Management Systems

MMBIO 418 - Medical Parasitology

Course Information

Teaching Area (new)
MMBIO

Course Number
418

Teaching Area
MMBIO

Course Title
Medical Parasitology

Course Description
Pathogenesis, diagnosis, and epidemiology of human parasitic diseases.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND MMBIO 261 - Infection and Immunity

Learning Outcomes

Title
Experimental Design

Tags
201875, 2

Learning Outcome
Be able to design experiments, with appropriate controls, to test various hypotheses in parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

Title
Parasites and Pathogenesis

Tags
201944, 1

Learning Outcome
Gain familiarity with the medically important parasites. This includes understanding parasite host range as well as pathology and mechanisms of pathogenesis.*Relates to Program Learning Outcome: Exhibit mastery of medical microbiology

Title
Critical Reading and Analysis

Tags
201969, 3

Learning Outcome
Read and critically interpret current scientific literature in the field of parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

Title
Alleviating Suffering

Tags
202025, 4

Learning Outcome
Students should gain an understanding of their role and responsibility in alleviating suffering caused by parasitic diseases.*Relates to Program Learning Outcome: Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles.

MMBIO 419 - Clinical Parasitology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
419

Teaching Area
MMBIO

Course Title
Clinical Parasitology Laboratory

Course Description
Pathogenesis, diagnosis, and epidemiology of human parasitic diseases laboratory.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Note
For Medical Laboratory Science majors only.

Learning Outcomes

Title
Parasites and Pathogenesis

Tags
210062, 0, 1

Learning Outcome
Gain familiarity with the medically important parasites. This includes understanding parasite host range as well as pathology and mechanisms of pathogenesis.*Relates to Program Learning Outcome: Exhibit mastery of medical microbiology

Title
Experimental Design

Tags
210063, 0, 2

Learning Outcome
Be able to design experiments, with appropriate controls, to test various hypotheses in parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

Title
Critical Reading and Analysis

Tags
210064, 0, 3

Learning Outcome
Read and critically interpret current scientific literature in the field of parasitology.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

Title
Alleviating Suffering

Tags
210065, 0, 4

Learning Outcome
Students should gain an understanding of their role and responsibility in alleviating suffering caused by parasitic diseases.*Relates to Program Learning Outcome: Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological principles.

MMBIO 441 - Advanced Molecular Biology

Course Information

Teaching Area (new)
MMBIO

Course Number
441

Teaching Area
MMBIO

Course Title
Advanced Molecular Biology

Course Description
Molecular biology of gene structure and expression in prokaryotic and eukaryotic organisms.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- MMBIO 240 - Molecular Biology

Learning Outcomes

Title
Current Research Presentation

Tags
201953, 3

Learning Outcome
Present current research from the scientific literature.*Relates to Program Learning Outcomes: Communicate scientific information using oral methods; interpret, analyze and critique experiments from the primary scientific literature. Presenting research findings through effective oral and written presentations.

Title
Principles of Molecular Biology

Tags
202031, 1

Learning Outcome
Learn molecular biology principles through study, lecture, and class discussion. An emphasis will be on understanding the experiments used to learn these principles.
*Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology preparing students for further education and/or employment.

Title
Experimental Design and Data Interpretation

Tags
202032, 2

Learning Outcome
Apply the principles learned to design experiments and properly interpret experimental data.
*Relates to Program Learning Outcome: Proficiency in formulating research projects

Title
Integrity and Ethical Behavior

Tags
202033, 4

Learning Outcome
Demonstrate integrity and ethical behavior during all class work.
*Relates to Program Learning Outcome: Commitment to professional integrity and ethical behavior consistent with the mission of the University.

MMBIO 442 - Advanced Molecular Biology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
442

Teaching Area
MMBIO

Course Title
Advanced Molecular Biology Laboratory

Course Description
Laboratory to accompany MMBio 441.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 241 - Molecular and Cellular Biology Laboratory

Other Prerequisites
MMBio 441 or concurrent enrollment.

Learning Outcomes

Title
Experimental Design

Tags
201876, 2

Learning Outcome
Apply the techniques to design experiments with appropriate hypotheses and controls and properly interpret experimental data*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls

Title
Scientific Communication

Tags
201935, 3

Learning Outcome
Practice scientific communication and record-keeping through the completion of a laboratory notebook and answering written and oral questions and presentations.*Relates to Program Learning Outcome: Demonstrate Communication skills in presenting research findings through effective oral and written presentations.

Title
Independent Experiments

Tags
201937, 4

Learning Outcome
Design and carry out independent experiments*Relates to Program Learning Outcome: Devise experiments with appropriate hypothesis and controls

Title
Laboratory Techniques

Tags
201989, 1

Learning Outcome
Learn molecular biology laboratory techniques through hands-on experience. Techniques will include DNA and RNA isolation, PCR, microRNA isolation, northern blotting, RFLP analysis, site-directed mutagenisis, protein extraction and EMSA.*Relates to Program Learning Outcome: Knowledge of principles and techniques of molecular and cellular biology

MMBIO 461 - Advanced Bacterial Physiology

Course Information

Teaching Area (new)
MMBIO

Course Number
461

Teaching Area
MMBIO

Course Title
Advanced Bacterial Physiology

Course Description
Principles of prokaryotic physiology, including cell structure and function, gene regulation, and biochemical processes; focusing on the unique aspects of prokaryotic biology.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- MMBIO 151 - Microbiology for Majors

OR

Prerequisites

Complete ALL of the following Courses:
- MMBIO 221 - General Microbiology

Recommended
MMBio 240

Learning Outcomes

Title
Scientific Review

Tags
201861, 3

Learning Outcome
Students will write a scientific review article on a topic of their choice related to microbial physiology.

Title
Microbial Physiology

Tags
201982, 1

Learning Outcome
Students will demonstrate an advanced understanding of selected topics in microbial physiology (cell structure, growth, biosynthesis, transport, etc.) through their participation in classroom discussions, writing assignments and oral presentations.

Title
Critical Thinking, Research, and Reporting

Tags
202026, 2

Learning Outcome
Students will demonstrate the ability to read, comprehend and communicate current research in microbial physiology by making Powerpoint presentations to the class.

MMBIO 463 - Immunology

Course Information

Teaching Area (new)
MMBIO

Course Number
463

Teaching Area
MMBIO

Course Title
Immunology

Course Description
Advanced concepts of immunological processes.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND MMBIO 261 - Infection and Immunity

Learning Outcomes

Title
Scientific Communication and Presentation

Tags
201894, 4

Learning Outcome
Engage in discussions about concepts in immunology and research. Present a PowerPoint on a particular immunological topic. Engage in a question and answer session on the content. Write an easy on a chosen subject relating to recent immunological advances.*Relates to Program Learning Outcome: Communicate scientific information using both oral and written methods.

Title
Divine Design of the Immune System

Tags
201920, 5

Learning Outcome
Develop a deep appreciation for our Heavenly Father and his love for each of us by engaging in studying how he designed the immune system to protect his children from disease.*Relates to Program Learning Outcome: Reflect/ discuss/ explore how faith in the Lord, and Christ like living are affected by an understanding of the fundamental biological processes.

Title
Research Evaluation

Tags
201970, 3

Learning Outcome
Read and understand current publications in Immunology and be able to discuss and critically evaluate experiments and data*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

Title
Advanced Immunology

Tags
201979, 1

Learning Outcome
Understanding advanced concepts of Immunology by studying and reflecting on the subject.*Relates to Program Learning Outcome: Exhibit mastery of four of the principle areas of the discipline

Title
Experimental Design and Evaluation

Tags
202023, 2

Learning Outcome
Understands experimental designs used in immunology research and determine the soundness of the immunological data.*Relates to Program Learning Outcome: Devise experiments with appropriate hypotheses and controls.

MMBIO 465 - Virology

Course Information

Teaching Area (new)
MMBIO

Course Number
465

Teaching Area
MMBIO

Course Title
Virology

Course Description
Basic principles of virology, emphasizing selected molecular aspects of virus life cycles and disease processes.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND MMBIO 261 - Infection and Immunity

Learning Outcomes

Title
Virology Fundamentals

Tags
201868, 1

Learning Outcome
Be able to answer basic questions about Virology: Why are viruses organized as they are? How do viruses replicate? How do viruses cause disease? What are the interactions between viruses and the host immune system? How to prevent/treat/cure viral infections? How can viruses be used as tools to study biological processes and for gene transfer? How can an understanding of viruses help you in your future career? *Relates to Program Learning Outcome: “Exhibit mastery of four of the principal areas of the discipline”, one of which is Virology.

Title
Alleviating Human Suffering

Tags
201887, 4

Learning Outcome
Understand how research of viruses “by study and also by faith” can lead to alleviation of human disease and suffering.*Relates to Program Learning Outcome: “Reflect/discuss/explore how faith in the Lord and Christ-like living are affected by an understanding of fundamental biological processes”

Title
Experimental Tools

Tags
201911, 2

Learning Outcome
Understand experimental tools used to study viruses (these are broadly applicable to molecular biology, cell biology, and microbiology) and be able to develop experiments and interpret data.*Relates to Program Learning Outcomes: “Devise experiments with appropriate hypotheses and controls” and “Interpret experiments from primary scientific literature”

Title
Scientific Writing

Tags
201946, 3

Learning Outcome
Write about a current, pressing issue in the field of Virology.*Relates to Program Learning Outcome: “Communicate scientific information”

MMBIO 466 - Virology Laboratory

Course Information

Teaching Area (new)
MMBIO

Course Number
466

Teaching Area
MMBIO

Course Title
Virology Laboratory

Course Description
Laboratory exercises illustrating in vitro behavior of selected viruses. Developing laboratory skills for virus studies.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
MMBio 261; or MMBio 465 or concurrent enrollment

Learning Outcomes

Title
Viral Cultures

Tags
201883, 1

Learning Outcome
Be able to gain hands-on experience in the ability to characterize various aspects of viral infections based upon cultured eukaryotic cells.

Title
Serological Tests

Tags
201924, 3

Learning Outcome
Be able to determine if a human has been previously exposed to a specific virus by perform serological tests.

Title
Stock Titrating

Tags
201961, 2

Learning Outcome
Be able to titrate virus stocks.

MMBIO 467 - Immunology Lab

Course Information

Teaching Area (new)
MMBIO

Course Number
467

Teaching Area
MMBIO

Course Title
Immunology Lab

Course Description
Laboratory exercises in advanced concepts of immunological processes.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
MMBio 261; or 463 or concurrent enrollment

Learning Outcomes

Title
Lab Notebook

Tags
201921, 1

Learning Outcome
Maintain a research lab book with experimental protocol, data, and discussion of results.

Title
Immunology Concepts

Tags
201964, 2

Learning Outcome
Understand advanced laboratory concepts of Immunology by completing protocols and experiments

Title
Experimental Design and Analysis

Tags
201975, 3

Learning Outcome
Understand experimental design used in immunology research and determine the soundness of immunological data according to the design and controls used in the experiment.

Title
Experimental Data

Tags
201987, 4

Learning Outcome
Obtain and interpret experimental data.

Title
Mentoring and Collaboration

Tags
202034, 5

Learning Outcome
Expand the student's understanding of immunology research and acknowledge the miracle of immunological processes.Develop good social skills through participation in laboratory experiments with other students.

MMBIO 471 - Applied and Industrial Microbiology

Course Information

Teaching Area (new)
MMBIO

Course Number
471

Teaching Area
MMBIO

Course Title
Applied and Industrial Microbiology

Course Description
Science of the microbiological tests performed in various industries. Sterilization, aseptic processing, pharmaceutical, manufacturing, water treatment, and food microbiology.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
MMBIO students only. Juniors, seniors, & graduate students only.

MMBIO 490R - Molecular Biology Seminar

Course Information

Teaching Area (new)
MMBIO

Course Number
490R

Teaching Area
MMBIO

Course Title
Molecular Biology Seminar

Course Description
Critical examination of current literature and research in molecular biology.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
MMBio 441 or concurrent enrollment; senior status.

Learning Outcomes

Title
Network with current researchers

Tags
201867, 1

Learning Outcome
Network and talk to prominent researchers in the field

Title
Current research

Tags
201881, 0

Learning Outcome
Describe the current research in the field of molecular biology

Title
Research Analysis

Tags
201918, 2

Learning Outcome
Analyze current research and experimental design.

MMBIO 491 - Concept Applications in Laboratory Medicine

Course Information

Teaching Area (new)
MMBIO

Course Number
491

Teaching Area
MMBIO

Course Title
Concept Applications in Laboratory Medicine

Course Description
Case presentations of various medical disorders.

Department
Microbiology and Molecular Biology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into medical laboratory science program

Learning Outcomes

Title
Data and Symptom Interpretation

Tags
201984, 1

Learning Outcome
This course is designed to allow the student to interpret, evaluate, and correlate laboratory data and clinical symptoms pertaining to specific disease states. Each week several students will present case study presentations covering current lecture content. For example, week two covers carbohydrate metabolism and related disease processes so the assigned students will present patient data focusing on a specific disease such as diabetes mellitus, including symptoms, laboratory findings and treatment.

Title
Attendance

Tags
202013, 2

Learning Outcome
To receive a passing grade for this course, it is expected that the student will attend all weekly sessions ON TIME with no more than one excused absence permitted and present at least one case study during the semester. Class will be held on each Friday of the semester at 9 a.m.

MMBIO 493R - Curriculum and Instruction Practicum

Course Information

Teaching Area (new)
MMBIO

Course Number
493R

Teaching Area
MMBIO

Course Title
Curriculum and Instruction Practicum

Course Description
Implementing active learning strategies in teaching microbiology and molecular biology.

Department
Microbiology and Molecular Biology

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
By instructor permission only.

Recommended
MMBIO 240; MMBIO 221; MMBIO 151

MMBIO 494R - Advanced Mentored Research

Course Information

Teaching Area (new)
MMBIO

Course Number
494R

Teaching Area
MMBIO

Course Title
Advanced Mentored Research

Course Description
Advanced mentored research in microbiology and molecular biology topics.

Department
Microbiology and Molecular Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Mentor's consent.

Learning Outcomes

Title
Research Experience

Tags
201866, 1

Learning Outcome
Perform current techniques and carry out experiments in a professional manner. Gather data and evaluate results.

Title
Scientific Communication-Research

Tags
201896, 2

Learning Outcome
Properly notate work and results in a scientific notebook. Participate in the preparation of scientific papers and presentations.

Title
Experimental design

Tags
201923, 3

Learning Outcome
Develop, design and troubleshoot experimental procedures.

Title
Mentoring and collaboration

Tags
201941, 4

Learning Outcome
Form relationships with a research mentor and other students in the lab. Begin networking and professional activities.

Title
Scientific Communication-primary literature

Tags
201971, 5

Learning Outcome
Read, and use primary literature to design experiements and advance a project. Present and evaluate articles from the primary literature

MMBIO 496R - Clinical Experience

Course Information

Teaching Area (new)
MMBIO

Course Number
496R

Teaching Area
MMBIO

Course Title
Clinical Experience

Course Description
Students will perform the full range of clinical laboratory tests in an affiliated clinical facility. A variable option of 16 to 24 weeks with a minimum of one semester of enrollment.

Department
Microbiology and Molecular Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 406 - Clinical Chemistry
  AND MMBIO 409 - Hematology

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Clinical experience

Tags
201990, 0, 0

Learning Outcome
Upon completion of the MMBio 496R Internship the student will be able to:

Perform the full range of clinical laboratory tests. *Relates to Program Learning Outcome: #1
Competently fulfill diverse responsibilities in areas of analysis and clinical decision-making, regulatory compliance with applicable regulations, education, and quality assurance/performance improvement wherever laboratory testing is researched, developed, or performed *Relates to Program Learning Outcome: #2
Utilize basic knowledge, skills, and relevant experiences in the following medical laboratory contexts:
Communications to enable consultative interactions with members of the healthcare team, external relations, customer service, and patient education
Financial, operations, marketing, and human resource management of the clinical laboratory to enable cost-effective, high-quality, value-added laboratory services
Information management to enable effective, timely, accurate, and cost-effective reporting of laboratory-generated information *Relates to Program Learning Outcome: #3, 4, 5

MMBIO 498 - Reflections on Learning

Course Information

Teaching Area (new)
MMBIO

Course Number
498

Teaching Area
MMBIO

Course Title
Reflections on Learning

Course Description
Provide an opportunity for students to reflect on the learning experience at BYU prior to graduation.

Department
Microbiology and Molecular Biology

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
This class is only for Microbiology and Molecular Biology Majors who entered the program in Fall 2022 or later and is to be taken the last semester/term before graduation

MMBIO 510 - History and Philosophy of Microbiology and Molecular Biology

Course Information

Teaching Area (new)
MMBIO

Course Number
510

Teaching Area
MMBIO

Course Title
History and Philosophy of Microbiology and Molecular Biology

Course Description
Exploring the historical and philosophical context of great discoveries in microbiology and molecular biology through readings, group discussions, and analytical writing.

Department
Microbiology and Molecular Biology

When Taught
Summer Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Perspective

Tags
201870, 0

Learning Outcome
The objective of this course is to examine the lives and accomplishments of a few of our science ancestors creating a clearer perspective of our place in the constellation of our science.

MMBIO 518 - Select Pathogens

Course Information

Teaching Area (new)
MMBIO

Course Number
518

Teaching Area
MMBIO

Course Title
Select Pathogens

Course Description
Current literature in special pathogens.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
MMBio 221 or equivalent

Learning Outcomes

Title
Biosafety awareness

Tags
201884, 0

Learning Outcome
Understand the procedures, practices, and facilities required for biosafety levels 1-4.

Title
Bioterrorism

Tags
201942, 1

Learning Outcome
Understand the basic parameters of bioterrorism and the current threats

Title
CDC classification

Tags
201976, 2

Learning Outcome
Understand the current CDC classification of select agents.

Title
Select agent biology

Tags
201980, 3

Learning Outcome
Understand the basic biological characteristics of each select agent, their virulence mechanisms, and their interaction with various hosts.

Title
Students' choice

Tags
202007, 5

Learning Outcome
_____ _____ (Individual – Please write your own in the space above)

Title
Bioweapons

Tags
202008, 4

Learning Outcome
Understand how select agents have been used and could be used as bioweapons.

MMBIO 522 - Flow Cytometry

Course Information

Teaching Area (new)
MMBIO

Course Number
522

Teaching Area
MMBIO

Course Title
Flow Cytometry

Course Description
The theory and instrumentation of flow cytometry, including current applications and hands-on training.

Department
Microbiology and Molecular Biology

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

MMBIO 528 - Scientific Literacy

Course Information

Teaching Area (new)
MMBIO

Course Number
528

Teaching Area
MMBIO

Course Title
Scientific Literacy

Course Description
This is a graduate course with the goal of enabling graduate students to develop skills for finding, reading, and presenting current scientific literature.

Department
Microbiology and Molecular Biology

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Scientific Literacy

Tags
214076, 0, 1, 2023-08-29 11:05:18

Learning Outcome
Students will read and comprehend reports in the current scientific literature regarding microbiology, molecular biology, and bioinformatic research.

Title
Scientific Presentation

Tags
214077, 0, 2, 2023-08-29 11:05:24

Learning Outcome
Students will develop skills in making effective scientific presentations using high standards of clarity, relevance, and logic.

Title
Scientific Literature Review

Tags
214078, 0, 3, 2023-08-29 11:05:25

Learning Outcome
Students will develop the skills to be confident in exploring scientific literature and finding unanswered scientific questions, even outside of your expertise.

MMBIO 551R - Current Topics in Microbiology and Molecular Biology

Course Information

Teaching Area (new)
MMBIO

Course Number
551R

Teaching Area
MMBIO

Course Title
Current Topics in Microbiology and Molecular Biology

Course Description
Readings from current literature on a specific topic; student presentations and discussion.

Department
Microbiology and Molecular Biology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Learning Outcomes

Title
Primary literature

Tags
201886, 0

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Scientific Communication

Tags
201938, 2

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Scientific Communication

Tags
201945, 2

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
201954, 0

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
201973, 1

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Current Topics

Tags
202030, 1

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Scientific Communication

Tags
202041, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Current Topics

Tags
202042, 2

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Primary literature

Tags
202043, 3

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Scientific Communication

Tags
202044, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
202045, 2

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
202046, 3

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Scientific Communication

Tags
202047, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
202048, 2

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
202049, 3

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Scientific Communication

Tags
202050, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
202051, 2

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
202052, 3

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Scientific Communication

Tags
202053, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
202054, 2

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
202055, 3

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Scientific Communication

Tags
202056, 1

Learning Outcome
Students will present finding from the primary literature in a scientific manner, and evaluate the presentations of others.

Title
Primary literature

Tags
202057, 2

Learning Outcome
Students will be able to read, interpret, understand and evaluate current primary literature

Title
Current Topics

Tags
202058, 3

Learning Outcome
Students will describe in depth current topics in molecular or microbiology

Title
Experimental Research Design

Tags
202059, 2

Learning Outcome
Design and conduct research experiments with appropriate positive and negative controls.

Title
Basic molecular biology techniques

Tags
202060, 1

Learning Outcome
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

Title
Analyze Scientific Articles

Tags
202061, 3

Learning Outcome
Learn how to read and analyze scientific articles.

Title
Basic molecular biology techniques

Tags
202062, 1

Learning Outcome
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

Title
Experimental Research Design

Tags
202063, 2

Learning Outcome
Design and conduct research experiments with appropriate positive and negative controls.

Title
Analyze Scientific Articles

Tags
202064, 3

Learning Outcome
Learn how to read and analyze scientific articles.

Title
Basic molecular biology techniques

Tags
202065, 1

Learning Outcome
Learn basic Molecular biology techniques including but not limited to:

Plasmid construction
PCR
Primer design
Cloning procedures
DNA transformation procedures
Basic bacterial growth protocols
Enzyme assays (B-gal, etc.)
Maintaining and modifying primer, plasmid and strain databases
Maintaining a proper notebook

Title
Experimental Research Design

Tags
202066, 2

Learning Outcome

Design and conduct research experiments with appropriate positive and negative controls.

Title
Analyze Scientific Articles

Tags
202067, 3

Learning Outcome
Learn how to read and analyze scientific articles.

MONGO 100 - Language Study: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
100

Teaching Area
MONGO

Course Title
Language Study: Mongolian

Course Description
Survival-level conversation, reading, listening, and culture skills in Mongolian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197837, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197838, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197839, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

MONGO 101 - First-Year Language Study: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
101

Teaching Area
MONGO

Course Title
First-Year Language Study: Mongolian

Course Description
Beginning speaking, listening, reading, and writing skills in Mongolian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197840, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197841, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197842, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197843, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MONGO 102 - First-Year Language Study: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
102

Teaching Area
MONGO

Course Title
First-Year Language Study: Mongolian

Course Description
Second-semester speaking, listening, reading, and writing skills in Mongolian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MONGO 101 - First-Year Language Study: Mongolian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197844, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197845, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197846, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197847, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

MONGO 201 - Second-Year Language Study: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
201

Teaching Area
MONGO

Course Title
Second-Year Language Study: Mongolian

Course Description
Intermediate speaking, listening, reading, and writing skills in Mongolian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MONGO 102 - First-Year Language Study: Mongolian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197848, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197849, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197850, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197851, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

MONGO 202 - Second-Year Language Study: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
202

Teaching Area
MONGO

Course Title
Second-Year Language Study: Mongolian

Course Description
Continued emphasis on Mongolian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MONGO 201 - Second-Year Language Study: Mongolian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197852, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197853, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197854, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197855, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MONGO 305 - Language Skills Development: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
305

Teaching Area
MONGO

Course Title
Language Skills Development: Mongolian

Course Description
Increasing proficiency in one or more of the following Mongolian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197856, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197857, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197858, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

MONGO 321 - Advanced Grammar: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
321

Teaching Area
MONGO

Course Title
Advanced Grammar: Mongolian

Course Description
Advance your Mongolian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197859, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197860, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197861, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
330

Teaching Area
MONGO

Course Title
Advanced Language Proficiency Through Cultural Studies: Mongolian

Course Description
Study of Mongolian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Mongo 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197862, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197863, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197864, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197865, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

MONGO 340 - Introduction to Literature: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
340

Teaching Area
MONGO

Course Title
Introduction to Literature: Mongolian

Course Description
Explore Mongolian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197866, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197867, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197868, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197869, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

MONGO 350 - Advanced Language Study for Career Purposes: Mongolian

Course Information

Teaching Area (new)
MONGO

Course Number
350

Teaching Area
MONGO

Course Title
Advanced Language Study for Career Purposes: Mongolian

Course Description
Concentration on Mongolian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MONGO 330 - Advanced Language Proficiency Through Cultural Studies: Mongolian

Learning Outcomes

Title
Defined Career Purposes

Tags
197870, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197871, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197872, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197873, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197874, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

MPA 588 - Healthcare Industry Dynamics

Course Information

Teaching Area (new)
MPA

Course Number
588

Teaching Area
MPA

Course Title
Healthcare Industry Dynamics

Course Description
A broad study of the many interconnected components of the healthcare industry, including medical technology, pharmaceuticals, hospital administration, healthcare policy, insurance, public health, etc. Introductory applications of various functional skills to healthcare (e.g., accounting, data analytics, ethics, finance, human resources, information systems, marketing, operations, organizational behavior, strategy, supply chain management, and other specializations).

Department
Public Service and Ethics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understand the Healthcare Industry

Tags
214708, 0, 1

Learning Outcome
Demonstrate an understanding of the various components of the healthcare industry

Title
Apply Functional Specialties to Healthcare

Tags
214709, 0, 2

Learning Outcome
Apply functional specialties to challenges specific to the healthcare industry

Title
Work in Teams

Tags
214710, 0, 3

Learning Outcome
Demonstrate an ability to function in a team setting

Title
Articulate Healthcare Industry Complexities

Tags
214711, 0, 4

Learning Outcome
Articulate the most important complexities of the healthcare industry

MSB 180 - Overview of Marriott School Business Programs

Course Information

Teaching Area (new)
MSB

Course Number
180

Teaching Area
MSB

Course Title
Overview of Marriott School Business Programs

Course Description
Lecture series exploring Marriott School undergraduate business programs.

Department
Business

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Learning Outcomes

Title
Think Critically

Tags
176201, 2

Learning Outcome
Think critically about major and career options.

Title
Leadership

Learning Outcome
Recognize how leadership can be practiced at every level in an organization and at every stage of life

Title
Commitment to living principles of gospel

Learning Outcome
Be committed to living the principles of the restored gospel in all circumstances, personal and professional.

MSB 199R - Academic Internship

Course Information

Teaching Area (new)
MSB

Course Number
199R

Teaching Area
MSB

Course Title
Academic Internship

Course Description
Supervised experience for Pre-Business students in business related work. Opportunity to link learning with practical field applications.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Application and approval required

Recommended
Visit BYU Marriott School of Business Undergraduate Advisement Center in 460 TNRB

Note
An APPROVED Internship Application is required before adding. Students must contact the Internship Office immediately after registering to learn about class requirements (460 TNRB, 801-422-4573, msm_internship@byu.edu).

MSB 201 - Applying Business Foundations

Course Information

Course Number
201

Teaching Area
MSB

Course Title
Applying Business Foundations

Course Description
Explore why and how people interact in organizations. Apply and integrate foundational business principles and skills to ethically and effectively lead and improve businesses and nonprofits, products and services, communities and families, teams and individuals.

Department
Business

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Explore why and how people interact and connect

Tags
214090, 0, 1, 2023-08-29 11:07:22

Learning Outcome
Explore why and how people interact and connect in businesses and organizations, building on concepts of human nature and behavior, demand and supply, market systems, and functionalism.

Title
Use ethical leadership theories and core management principles

Tags
214091, 0, 2, 2023-08-29 11:07:25

Learning Outcome
Use ethical leadership theories and core management principles and models to design improvements in different settings, including one's chosen field of study or contribution.

Title
Proficiently apply core management skills, analyses, and scientific methods

Tags
214092, 0, 3, 2023-08-29 11:07:27

Learning Outcome
Learn and proficiently apply core management skills, analyses, and scientific methods to improve and manage organizations, products, and services. Core business functions in the course include Marketing, Global Supply Chain, Information Systems, Accounting, Finance, Human Resources. Additional disciplines in the course include Ethics, Public Administration, Strategy, Entrepreneurship, Experience Design, and Personal Consumer Finance.

Title
Develop cross-functional critical thinking skills through discovery and evaluation

Learning Outcome
Develop cross-functional critical thinking skills through discovery and evaluation of real-world integrative cases, simulations, and problem-solving experiences.

MSB 205R - Planning for Financial Security at Retirement

Course Information

Teaching Area (new)
MSB

Course Number
205R

Teaching Area
MSB

Course Title
Planning for Financial Security at Retirement

Course Description
Fundamentals of good financial management necessary for successful retirement.

Department
Business

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

MSB 250 - Financial Management

Course Information

Teaching Area (new)
MSB

Course Number
250

Teaching Area
MSB

Course Title
Financial Management

Course Description
Financial statement analysis, financial planning, sources of financing, working capital management, risk and return, and valuation.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Acc 200 or equivalent

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Computing Value

Tags
176035, 4

Learning Outcome
Be able to value firms, bonds, and stocks.

Title
Financial Forecast

Tags
176038, 1

Learning Outcome
Construct a financial forecast for a term.

Title
Fundamental Analysis

Tags
176139, 0

Learning Outcome
Use fundamental analysis to conduct a firm performance evaluation.

Title
Capital Budgeting

Tags
176173, 3

Learning Outcome
Make corporate investment decisions using capital budgeting.

Title
Time Value of Money

Tags
176194, 2

Learning Outcome
Employ time value of money to solve common financial problems.

Title
Entrepreneurial and Corporate Finance

Tags
176208, 5

Learning Outcome
Understand how entrepreneurial and corporate finance differ.

MSB 300 - Leadership and the Gospel of Jesus Christ

Course Information

Teaching Area (new)
MSB

Course Number
300

Teaching Area
MSB

Course Title
Leadership and the Gospel of Jesus Christ

Course Description
Introduction to leadership in principles, practice, and lives of leaders—especially lives of students. Examine leadership as an important dimension of becoming a disciple of Jesus Christ and study personal and organizational aspects of leadership.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Know and Understand the Doctrine of Jesus Christ

Learning Outcome
Demonstrate deep knowledge and heart-felt understanding of the doctrine of Jesus Christ- the fullness of His Gospel and the Father’s plan of salvation.

Title
Apply Gospel Principles to Life and Leadership

Learning Outcome
Implement effective, righteous action by living the principles of the Gospel more powerfully in their own life and leadership.

Title
Identify as a Disciple of Christ and Disciple Leader

Learning Outcome
Establish a more firmly and deeply held identity as a disciple of Christ and a Christ-like leader – becoming a disciple-leader -- in their own family, the Kingdom of God, community, and work.

MSB 310 - Becoming a Disciple Leader

Course Information

Teaching Area (new)
MSB

Course Number
310

Teaching Area
MSB

Course Title
Becoming a Disciple Leader

Course Description
Capstone designed to help students discover leadership capabilities and develop ability to lead as a disciple of Jesus Christ. Application of principles of leadership and of the Gospel. Discover personal strengths, gifts, and missions, and develop skills and commitments essential for working with and through others to improve organizations of all kinds-families, Church, work, and communities.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MSB 300 - Leadership and the Gospel of Jesus Christ

OR

Prerequisites

Complete ALL of the following Courses:

- HRM 300 - Organizational Behavior

Recommended

We recommend that students complete MSB 300 and HRM 300 before taking MSB 310. However, students are required to take either MSB 300 or HRM 300 before taking MSB 310.

MSB 315 - Negotiation

Course Information

Course Number
315

Teaching Area
MSB

Course Title
Negotiation

Course Description
Skills based negotiation class taught in an interactive workshop format. Frameworks for how to prepare, conduct and debrief negotiations will be taught. Students will learn to negotiate in both professional and personal settings.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Confidence

Learning Outcome
Feel confident going into any negotiation

Title
Difficult conversations

Learning Outcome
Initiate and conduct conversations with difficult people

Title
Negotiations skills

Learning Outcome
Utilize negotiation skills to further students' careers

MSB 325 - Introductory Business Analytics

Course Information

Teaching Area (new)
MSB

Course Number
325

Teaching Area
MSB

Course Title
Introductory Business Analytics

Course Description
Fundamental principles and skills for data preparation, data visualization, and regression analysis using analytics software.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
IS 201

MSB 326 - Career Development and Student Mentoring

Course Information

Teaching Area (new)
MSB

Course Number
326

Teaching Area
MSB

Course Title
Career Development and Student Mentoring

Course Description
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

Department
Business

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School General Business majors only.

Learning Outcomes

Title
Resources

Tags
177172, 2

Learning Outcome
Know the job resources, services, and opportunities available in the Marriott School.

Title
Job Search Skills

Tags
177173, 1

Learning Outcome
Create an effective resume, improve interviewing skills, and understanding and engaging in networking.

Title
Mentors

Tags
177174, 3

Learning Outcome
Understand how to select and work with a mentor.

MSB 330R - GlobalHub

Course Information

Course Number
330R

Teaching Area
MSB

Course Title
GlobalHub

Course Description
GlobalHub gives students hands-on experience creating global business content, leading marketing campaigns, and organizing events. Teams specialize in strategy, production, or events, gaining cross-cultural communication, media management skills, and a portfolio of real-world work.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Business decision-making

Learning Outcome
Apply global business decision-making in real-world contexts.

Title
Global business content

Learning Outcome
Produce and manage global business content.

Title
Global marketing

Learning Outcome
Design and execute global marketing and live-event strategies.

MSB 341 - Product Management

Course Information

Course Number
341

Teaching Area
MSB

Course Title
Product Management

Course Description
Introduces product-strategy skills, including market analysis and product development/launch/lifecycle management, with a focus on cross-functional collaboration with UX, design, engineering, marketing, sales, operations, and support to effectively meet customer needs.

Department
Business

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Customer experience research and analysis

Tags
214093, 0, 1, 2023-08-29 11:07:31

Learning Outcome
Effectively and efficiently conduct primary customer experience research and analysis, leverage the diversity of customer perpspectives

Title
Market opportunity analysis

Tags
214094, 0, 2, 2023-08-29 11:07:33

Learning Outcome
Identify new opportunities and effectively assess using competitive market analysis and other assessment frameworks

Title
Product roadmap planning

Tags
214095, 0, 3, 2023-08-29 11:07:35

Learning Outcome
Determine and communicate product feature sets and roadmaps using evidence and organized frameworks

Title
Cross-functional team leadership skills

Tags
214096, 0, 4, 2023-08-29 11:07:37

Learning Outcome
Effectively manage communication, coordination, and collaborative efforts in cross-functional teams, and foster and incorporate the diversity inherent in these groups

Title
Project management skills

Tags
214097, 0, 5, 2023-08-29 11:07:38

Learning Outcome
Implement approaches for effective and efficient project management

MSB 342 - Product Career Lecture Series

Course Information

Course Number
342

Teaching Area
MSB

Course Title
Product Career Lecture Series

Course Description
Lectures by product management professionals to introduce students to nature of work and opportunities in the field.

Department
Business

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Professional knowledge

Tags
214098, 0, 1, 2023-08-29 11:07:40

Learning Outcome
Understand the roles, work, and career progression in product management

MSB 360 - Professional Ethics

Course Information

Teaching Area (new)
MSB

Course Number
360

Teaching Area
MSB

Course Title
Professional Ethics

Course Description
Analyzing ethical dilemmas and understanding ethical theories as they apply to decision making in management.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 380 - Executive Lectures

Course Information

Teaching Area (new)
MSB

Course Number
380

Teaching Area
MSB

Course Title
Executive Lectures

Course Description
Lectures by top executives on subjects significant to executive leadership.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Ethical Challenges

Tags
176049, 1

Learning Outcome
Recognize and resolve ethical challenges and choices in specific organizational contexts.

Title
Leadership

Tags
176128, 2

Learning Outcome
Understand how leadership can be practiced at every level in an organization and at every stage of one’s life.

MSB 409 - Leading with Purpose

Course Information

Course Number
409

Teaching Area
MSB

Course Title
Leading with Purpose

Course Description
Learn how to grow as a purpose-driven leader by looking at lessons from business leaders who exemplify Christlike attributes. We'll explore how business can make money and also transform the world for good. You'll be able to identify an organization's purpose, build a strategy around that purpose, and create a company culture to fulfill that purpose.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Authentic Leadership

Learning Outcome
Lead in a way that is core to who you are as a unique individual and child of God

Title
Purpose-Driven Management

Learning Outcome
Create an environment that unleashes human goodness in support of greater stewardship of God's planet and people

Title
Dual-Outcome Strategy Management

Learning Outcome
Develop a corporate strategy to help magnify your company's stewardship while maximizing long-term profits

Title
Cultural Alignment

Learning Outcome
Evaluate corporate culture alignment with broader organizational purpose

Title
Purpose Impact Evaluation

Learning Outcome
Assess the impact of purpose-driven initiatives

Title
Human Capital Sustainability

Learning Outcome
Apply strategies to nurture and instill a growth mindset, enhancing adaptability and resilience in evolving business landscapes

MSB 413 - Leadership Development

Course Information

Teaching Area (new)
HRM

Course Number
413

Teaching Area
MSB

Course Title
Leadership Development

Course Description
Principles and practices to help students become Christlike leaders in their homes, the Church, communities, and other organizations. Focuses on key leadership models, leading with Christlike attributes, performance management, defining vision/strategy, influence, and self-awareness.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Behavioral Guidelines

Tags
175795, 1

Learning Outcome
Describe the behavioral guidelines derived from relevant research for each of the skill areas in the course.

Title
Understanding Self

Tags
175818, 0

Learning Outcome
Analyze and assess personal leadership strengths and weaknesses.

Title
Leadership Skill Areas

Tags
175819, 2

Learning Outcome
Demonstrate improvement in at least two of the leadership skill areas of the course.

Title
Improving Skills

Tags
175820, 3

Learning Outcome
Make continuous improvements in your leadership skills.

MSB 430 - Introduction to International Business

Course Information

Teaching Area (new)
MSB

Course Number
430

Teaching Area
MSB

Course Title
Introduction to International Business

Course Description
Complexities confronting U.S. firms and their management in international environments. Emphasizes functional and planning areas, including organization, market research, financial analysis.

Department
Business

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
International Business Patterns

Tags
176227, 0

Learning Outcome
Gain and articulate an overview of current international business patterns, with an emphasis on what makes international business different from domestic business.

Title
International Social Systems

Tags
176306, 1

Learning Outcome
Understand the social systems within countries and describe how they affect the conduct of business from one country to another.

Title
Develop Critical Thinking

Tags
176307, 2

Learning Outcome
Demonstrate critical thinking as a student of international business.

Title
Analyze, Apply, Articulate

Tags
176308, 3

Learning Outcome
Analyze cases, apply business principles to international settings, and articulate findings in class discussions.

Title
Communicate effectively

Tags
177157, 4

Learning Outcome
Create coherent and memorable presentations and present the content to the class.

MSB 432 - International Business and Culture

Course Information

Teaching Area (new)
MSB

Course Number
432

Teaching Area
MSB

Course Title
International Business and Culture

Course Description
Understand how national culture influences make international business interactions successful and how decision making is impacted based upon global cultural differences.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MBA 584 - Introduction to Global Management

OR

Prerequisites

Complete ALL of the following Courses:

- MSB 430 - Introduction to International Business

Other Prerequisites
Concurrent enrollment in MSB 430 or MBA 584 is allowed.

MSB 490R - Topics in Business Management

Course Information

Teaching Area (new)
MSB

Course Number
490R

Teaching Area
MSB

Course Title
Topics in Business Management

Course Description
Current business-related topics varying by semester and section.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor permission only.

MSB 494R - On-Campus Experiential Projects

Course Information

Teaching Area (new)
MSB

Course Number
494R

Teaching Area
MSB

Course Title
On-Campus Experiential Projects

Course Description
Direct, practical on-campus (not in the field) professional experience consulting with established and startup companies and organizations. Students are accepted to work on specific projects based on their skills, interests, and major emphasis. Students apply to be involved in specific projects.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Note
Sec. 1, 2, and 3 of On-Campus Internships is for most business topics and is open to all majors. Students must complete the online application at OCI.byu.edu to participate in this class. In addition to class, students will meet throughout the week with their OCI team and Organization sponsor. Due to the nature of this class, students cannot add the class after first class period of the semester.

MSB 495R - E-Business Projects.

Course Information

Teaching Area (new)
MSB

Course Number
495R

Teaching Area
MSB

Course Title
E-Business Projects.

Course Description
Consulting/Field studies projects in e-business.

Department
Business

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

MSB 496R - Academic Internship

Course Information

Teaching Area (new)
MSB

Course Number
496R

Teaching Area
MSB

Course Title
Academic Internship

Course Description
Supervised experience for business majors either in business-related work. Opportunity to link learning with practical field applications.

Department
Business

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Application and approval required

Recommended
Visit BYU Marriott School of Business Undergraduate Advisement Center in 460 TNRB

Note
An APPROVED Internship Application is required before adding. Students must contact the Internship Office immediately after registering to learn about class requirements (460 TNRB, 801-422-4573, msm_internship@byu.edu).

MSB 523 - Corporate Governance

Course Information

Teaching Area (new)
MBA

Course Number
523

Teaching Area
MSB

Course Title
Corporate Governance

Course Description
How corporate boards are led, focusing especially on the role of the director, the rights of shareholders, the compensation of executives, and the challenge boards face in balancing the needs of shareholders, managers, and other stakeholders.

Department
Accountancy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Mapping the corporate governance landscape

Tags
177033, 1

Learning Outcome
Demonstrate an understanding of corporate governance issues, shareholder rights, shareholder advocacy firms and how they affect corporations in America and other countries.

Title
Decision making on corporate boards

Tags
177034, 2

Learning Outcome
Become familiar with and be able to make corporate board decisions regarding corporate governance, legal issues, executive compensation, financial oversight, financing issues, and business strategy.

MSB 596R - Business German

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business German

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 596R - Business Italian

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Italian

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MSB 596R - Business Language

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Language

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MSB 596R - Business Japanese

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Japanese

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 596R - Business Chinese

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Chinese

Course Description
For experienced speakers of the language. Emphasizes business concepts; practice and case study including conversing, reading, and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MSB 596R - Business Portuguese

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Portuguese

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Business language classes do not count for emphasis classes.

MSB 596R - Business Spanish

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Spanish

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 596R - Business Russian

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Russian

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MSB 596R - Business Arabic

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Arabic

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 596R - Business Korean

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business Korean

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

MSB 596R - Business English

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business English

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

MSB 596R - Business French

Course Information

Teaching Area (new)
MSB

Course Number
596R

Teaching Area
MSB

Course Title
Business French

Course Description
For experienced speakers of the language being taught. Emphasizes business concepts; practice and case study including conversation, reading,and presenting, while enriching business vocabulary.

Department
Business

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Business language classes do not count for emphasis classes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

MTHED 101 - Introduction to Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
101

Teaching Area
MTHED

Course Title
Introduction to Mathematics Education

Course Description
Introduction to the field of mathematics education. Background on the nature of mathematics, its teaching and learning. Program and teacher certification requirements are also discussed.

Department
Mathematics Education

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Mathematical Learners

Tags
205147, 1

Learning Outcome
Students understand that all learners can learn mathematics and should be viewed as legitimate mathematical thinkers.

Title
Mathematics Instruction

Tags
205148, 2

Learning Outcome
Students recognize that mathematics instruction is best done when learners are placed in problem solving, sense making situations that allow them to reason and collaborate with their peers.

Title
Mathematics

Tags
205149, 3

Learning Outcome
Students have an understanding that mathematics is about problem solving and sense making rather than about solving procedures.

MTHED 177 - Critical Review of School Mathematics

Course Information

Teaching Area (new)
MTHED

Course Number
177

Teaching Area
MTHED

Course Title
Critical Review of School Mathematics

Course Description
Strengthen understanding of middle-school mathematics with an emphasis on multiplicative structures, proportionality and linearity; gain awareness as mathematics learners in learning communities; learn how to support collaborative communities as teachers.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1

Recommended
Math 113 recommended for Mathematics Education pre-majors

Learning Outcomes

Title
Mathematical Exploration

Tags
205028, 2

Learning Outcome
Students can engage in meaningful mathematical exploration, are willing and able to approach and solve challenging mathematics problems, and can reflect on their own learning to make inferences about how adolescents learn mathematics.

Title
Mathematical Understanding

Tags
205029, 3

Learning Outcome
Students know and can describe what it means to understand mathematics relationally, can demonstrate mathematical understanding by creating and evaluating conceptually-oriented mathematical explanations, and can explain why conceptually-oriented mathematics instruction is essential for supporting adolescents' learning of mathematics.

Title
Mathematics

Tags
207314, 1

Learning Outcome
Students have a deep understanding of select central concepts of middle school mathematics, with significant attention to multiplicative structures, proportionality and linearity, as well as core representations, canonical examples, and alternative algorithms germane to teaching these select concepts. Other learning outcomes in the course are situated in the mathematics of multiplicative structures, proportionality and linearity.

Title
Mathematics Instruction

Tags
207315, 4

MTHED 276 - Exploration of Mathematics Teaching

Course Information

Teaching Area (new)
MTHED

Course Number
276

Teaching Area
MTHED

Course Title
Exploration of Mathematics Teaching

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching mathematics to secondary students.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND MATH 290 - Fundamentals of Mathematics
  AND MTHED 177 - Critical Review of School Mathematics

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 290 - Fundamentals of Mathematics
  AND
  AND MTHED 177 - Critical Review of School Mathematics

Other Prerequisites
FBI fingerprint and background clearance.

Learning Outcomes

Title
Mathematical Practices

Tags
205031, 1

Learning Outcome
Students understand authentic mathematical practices and use them to engage in meaningful mathematical exploration and reflect on their own use of these practices to make inferences about how adolescents might engage in mathematical tasks.

Title
Philosophy of Teaching and Learning Mathematics

Tags
205032, 2

Learning Outcome
Students articulate a philosophy of teaching and learning mathematics based on the professional standards for teaching mathematics, the moral dimensions of teaching, and the INTASC standards.

Title
Aligning Curriculum and Instructional Goals

Tags
205033, 3

Learning Outcome
Students can use curriculum guides such as the NCTM content standards or the Common Core State Standards to trace the K-12 development of a select central concept of mathematics as a means for planning instruction appropriate to a particular grade level and topic.

Title
Analyzing Classroom Instruction

Tags
205034, 4

Learning Outcome
Students can analyze and describe the mathematical experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

Title
The Equity Principle

Tags
207316, 5

Learning Outcome
Students identify a range of positions that are available to adolescents in particular mathematics classrooms. Students understand what it means to believe that "all adolescents can learn mathematics."

MTHED 277 - Task Design for Student Learning

Course Information

Teaching Area (new)
MTHED

Course Number
277

Teaching Area
MTHED

Course Title
Task Design for Student Learning

Course Description
Strengthen understanding of high-school mathematics, with an emphasis on algebra and functions, in the context of selecting, modifying, and creating tasks that support students' development of both conceptual understanding and procedural fluency.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 177 - Critical Review of School Mathematics
  AND MTHED 276 - Exploration of Mathematics Teaching

Learning Outcomes

Title
Mathematics

Tags
205094, 5

Learning Outcome
Students have a deep understanding of select central concepts of high school mathematics with a significant attention to algebra and functions, as well as core representations, canonical examples, and alternative algorithms germane to teaching these concepts. Other learning outcomes in the course are situated in the mathematics of algebra and functions.

Title
Task Analysis

Tags
207303, 0

Learning Outcome
Students can use their knowledge of mathematics and how adolescents learn mathematics to analyze the intentionality of the task (e.g., cognitive demand, equitable practices, representations including models, context).

Title
Task Design for Learning

Tags
207304, 1

Learning Outcome
Students understand how mathematical tasks can support adolescents' development of conceptual understanding and procedural fluency, and can use that understanding to design mathematical tasks that allow adolescents to use their prior knowledge and experiences to develop understanding of particular concepts and procedures.

Title
Task Design for Promoting Belonging

Tags
207305, 2

Learning Outcome
Students understand that adolescents' sense of belonging in mathematics grows when teachers, peers, themselves, and mathematical tasks position them as capable, valued contributors, building on the strengths, experiences, and perspectives they bring.

Title
Task Design for Personal Growth and Stewardship

Tags
207306, 3

Learning Outcome
Students recognize and can explain how the thoughtful use of mathematical tasks can enable them to reflect on and improve their instruction, and how such use can nurture and empower adolescents to draw upon their divine potential, intelligence, and capabilities to learn and do mathematics.

Title
Identifying Concepts and Procedures

Tags
207307, 4

Learning Outcome
Students can analyze a specific mathematical standard, a task, and a section in a textbook or curricular unit to identify and describe the important mathematical concepts and procedures related to that standard, task, or unit.

MTHED 278 - Assessment of Student Learning

Course Information

Teaching Area (new)
MTHED

Course Number
278

Teaching Area
MTHED

Course Title
Assessment of Student Learning

Course Description
Strengthen understanding of high-school mathematics, with an emphasis on transformational geometry and trigonometry, in the context of creating and critiquing formative and summative assessments that support students' development of both conceptual understanding and procedural fluency.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 177 - Critical Review of School Mathematics
  AND MTHED 276 - Exploration of Mathematics Teaching
  AND MTHED 277 - Task Design for Student Learning

Note
MthEd 277 to be completed or concurrent enrollment in.

Learning Outcomes

Title
Mathematics

Tags
207308, 1

Learning Outcome
Students have a deep understanding of select central concepts of high school mathematics, with significant attention to transformational geometry and trigonometry, as well as core representations, canonical examples, and alternative algorithms germaine to teaching these concepts. Other learning outcomes in the course are situated in the mathematics of transformational geometry and trigonometry.

Title
Interpreting Evidence of Student Mathematical Thinking Individually and Collectively

Tags
207309, 2

Learning Outcome
Students can interpret evidence of mathematical thinking as demonstrated in written or spoken discourse to make claims about individual or collective student understanding. Students use this analysis to reflect on possible changes to instructional practice that will improve student learning.

Title
Assessment for Learning

Tags
207310, 3

Learning Outcome
Students can analyze, modify and develop formative assessments that provide meaningful evidence and insight into adolescents' understanding of particular concepts and skills. Students can use a variety of assessment strategies (e.g., hinge questions, interviews, show me) to support adolescents' development of both conceptual understanding and procedural fluency.

Title
Unpacking Standards to Write Learning Goals and Align Assessment

Tags
207311, 4

Learning Outcome
Students can unpack standards to identify key mathematical concepts and skills, allowing them to write measurable and observable learning goals that are logically sequenced within a learning trajectory.

Title
Assessment Design for Promoting Belonging

Tags
207312, 5

Learning Outcome
Students can analyze assessments for what mathematical discourse and literacies are privileged and for what features might discriminate against certain populations. Students will modify assessments to promote access for a wide range of adolescent identities.

Title
Strengths and Limitations of Different Assessment Strategies

Tags
207313, 6

Learning Outcome
Students can examine the strengths and limitations of different assessment methods (e.g., homework, retakes, standards-based grading, accommodations) in supporting adolescents' development of conceptual and procedural fluency.

Title
Spiritual Stewardship

Learning Outcome
Students can describe how assessment practices in mathematics education are related to principles within the restored gospel of Jesus Christ by connecting to principles of mercy, justice, and grace.

Title
Assessment of Learning

Learning Outcome
Students can analyze, modify and develop formative assessments that provide meaningful evidence and insight into adolescents' understanding of particular concepts and skills. Students can use a variety of assessment strategies (e.g., hinge questions, interviews, show me) to support adolescents' development of both conceptual understanding and procedural fluency.

MTHED 300 - History and Philosophy of Mathematics.

Course Information

Teaching Area (new)
MTHED

Course Number
300

Teaching Area
MTHED

Course Title
History and Philosophy of Mathematics.

Course Description
Historical development of important mathematical ideas and philosophies; implications for the mathematical curriculum.

Department
Mathematics Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2

Learning Outcomes

Title
Historical Development of Concepts and Practices

Tags
205090, 2

Learning Outcome
Students understand and can describe the historical development of concepts and practices central to school mathematics, including numeration, arithmetic, algebra, geometry, calculus, and probability.

Title
Origin and Nature of Mathematics

Tags
205100, 0

Learning Outcome
Students understand and can describe the major approaches—cultural, philosophical, and psychological—to explaining the origin and nature of mathematics and its relation to understanding and modeling the physical world.

Title
Historical Periods and Contributions

Tags
205125, 1

Learning Outcome
Students understand and can describe the major historical periods of development of mathematical thought, as well as the contributions of various cultures and individuals within those periods.

Title
Social Contexts of Mathematics

Tags
207317, 3

Learning Outcome
Students recognize that mathematics and mathematical practices are human constructs that are socially situated and malleable across different social contexts. Students understand current school mathematics privileges certain mathematics (i.e. White European male) over other kinds of mathematics.

MTHED 301 - Teaching Statistics and Probability

Course Information

Teaching Area (new)
MTHED

Course Number
301

Teaching Area
MTHED

Course Title
Teaching Statistics and Probability

Course Description
Exploration of important conceptual underpinnings, common misconceptions and students' ways of thinking, appropriate use of technology, and instructional practices to support and assess the learning of probability and statistics.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 177 - Critical Review of School Mathematics
  AND STAT 121 - Introduction to Statistical Data Analysis

Recommended
MthEd 276

Note
A score of 5 on the AP Statistics Exam may substitute for the Stat 121 prerequisite.

Learning Outcomes

Title
Designing a Study and Sampling

Tags
205138, 1

Learning Outcome
Students understand the advantages and disadvantages of study design and sampling design so that they can design an empirical study to effectively answer research questions.

Title
Summarizing and Representing

Tags
205139, 2

Learning Outcome
Students can evaluate and justify the use of different measures of central tendency, different measures of dispersion and different data representations depending on the nature of the data and purpose of the measure or representation.

Title
Testing Claims and Drawing Conclusions

Tags
205140, 3

Learning Outcome
Students can explain the underlying ideas of various statistical tests, articulate how real-world questions relate to these tests, explain how these tests are used to make claims, predictions, and conclusions, and identify common misconceptions or theoretical issues in interpreting the results of these tests.

Title
Probability

Tags
205141, 4

Learning Outcome
Students can identify probabilistic situations, model probabilistic situations using multiple representations, understand and calculate theoretical and empirical probabilities, identify common misconceptions about probability, and predict and explain the shape of sampling distributions given population distributions.

Title
Student Statistical Thinking

Tags
205142, 5

Learning Outcome
Students are familiar with K-12 students' initial conceptions and misconceptions of probability and statistical concepts and know many instructional principles and strategies to help students overcome misconceptions and to develop robust concepts in these fields.

Title
Probability and Statistics for Social Justice

Tags
207318, 6

Learning Outcome
Students understand the ways that statistics have been used to support or suppress a socially just society as well as why an understanding of statistics and probability is essential in every day life. Students use probabilistic and statistical reasoning to investigate social issues and identify inequities.

MTHED 305 - Basic Concepts of Mathematics

Course Information

Teaching Area (new)
MTHED

Course Number
305

Teaching Area
MTHED

Course Title
Basic Concepts of Mathematics

Course Description
Concept-oriented exploration of counting, number, and operations in relation to children's learning.

Department
Mathematics Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Math 110 or equivalent; permission from Teacher Education Department

Note
Required of prospective elementary school teachers.

MTHED 306 - Concepts of Mathematics

Course Information

Teaching Area (new)
MTHED

Course Number
306

Teaching Area
MTHED

Course Title
Concepts of Mathematics

Course Description
Concept-oriented exploration of rational numbers and informal geometry in relation to children's learning.

Department
Mathematics Education

When Taught
Fall, Winter, Summer

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 305 - Basic Concepts of Mathematics

Other Prerequisites
Permission from Teacher Education Department

Note
Required of prospective elementary school teachers.

MTHED 308 - Mathematics Teaching with Technology

Course Information

Teaching Area (new)
MTHED

Course Number
308

Teaching Area
MTHED

Course Title
Mathematics Teaching with Technology

Course Description
Examining technological tools that illustrate mathematical concepts and assist in solving mathematics problems. Using technology tools to investigate modeling, highlight mathematical relationships, and motivate proof. Additionally, exploring and creating algorithms, functions, constructions, and transformations.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MTHED 276 - Exploration of Mathematics Teaching

OR

Prerequisites

Complete ALL of the following Courses:

- MTHED 277 - Task Design for Student Learning

Learning Outcomes

Title
Mathematics

Tags
205064, 0

Learning Outcome
Students have a deep understanding of select central concepts in secondary mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching these select concepts.

Title
Instructional Design and Technology

Tags
205084, 3

Learning Outcome
Students understand the affordances and constraints of technology in teaching mathematics and can apply this knowledge to design learning opportunities involving the use of technology to support adolescents' mathematical learning.

Title
Mathematical Exploration with Technology

Tags
205091, 1

Learning Outcome
Students can use technology to engage in meaningful mathematical exploration and can reflect on their own learning to make inferences about how adolescents learn mathematics with technology.

Title
Mathematical Communication

Tags
205135, 2

Learning Outcome
Students can articulate and represent their mathematical thinking in technological environments in ways that are appropriate for their intended audience.

Title
Equitable Technology Use

Tags
207319, 4

Learning Outcome
Students understand the ways in which technology and access to technology can both increase and decrease opportunities for diverse learners.

MTHED 362 - Survey of Geometry

Course Information

Teaching Area (new)
MTHED

Course Number
362

Teaching Area
MTHED

Course Title
Survey of Geometry

Course Description
Logical and historical development of Euclidean and non-Euclidean geometry, transformations and symmetry; relationships among axiomatic systems; use of software and other geometric models; proofs and Van Hiele levels.

Department
Mathematics Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 290 - Fundamentals of Mathematics

Learning Outcomes

Title
Understanding What and Who Mathematics Privileges

Tags
207320, 1

Learning Outcome
Students describe the affordances and constraints of an axiomatic approach to doing mathematics and recognize that an axiomatic approach is just one way to do mathematics. Students understand that who counts as a mathematician is dependent on the ways in which mathematics is defined and recognize who has privileges associated with the status of "mathematician."

MTHED 377 - Mathematics Teaching in the Public Schools

Course Information

Teaching Area (new)
MTHED

Course Number
377

Teaching Area
MTHED

Course Title
Mathematics Teaching in the Public Schools

Course Description
Developing skill in designing and implementing lesson plans that include high-cognitive demand tasks; anticipating, monitoring, and building on student mathematical thinking; and orchestrating mathematical discussions that lead to student understanding of fundamental mathematics concepts.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 277 - Task Design for Student Learning
  AND MTHED 278 - Assessment of Student Learning

Other Prerequisites
Departmental consent

Note

Contact the department undergraduate coordinator, Dan Siebert (dsiebert@mathed.byu.edu), to get permission to add this course.

Learning Outcomes

Title
Mathematics

Tags
205035, 1

Learning Outcome
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.

Title
Task Analysis and Design

Tags
205036, 2

Learning Outcome
Students can analyze a task, a section in a textbook or curricular unit, or a specific mathematical topic to identify and describe the related important mathematical concepts and procedures, and can design relevant tasks that foster conceptual understanding, procedural fluency, and authentic mathematical practices.

Title
Developing Lesson Plans

Tags
205037, 3

Learning Outcome
Students understand how to create lesson plans that involve meaningful tasks in the context of a given unit, that anticipate student thinking and how the lesson might build on that thinking, and that articulate how they will orchestrate each phase of the lesson (launch, explore, discuss, unpack).

Title
Orchestrating Lessons

Tags
205038, 4

Learning Outcome
Students can use their lesson plans to engage adolescents in the day's activities (launch), facilitate meaningful exploration of mathematics (explore), orchestrate discussion that builds on and extends adolescents' emerging mathematical conceptions (discuss) and ensure the important mathematical concepts and procedures related to the goals of the lesson are made explicit (unpack).

Title
Assessing Mathematical Learning

Tags
205039, 5

Learning Outcome
Students understand how to design and use formative assessment that monitors the learner's progress, informs instructional decisions, and engages adolescents in assessing their own mathematical learning.

Title
Professionalism

Tags
205040, 6

Learning Outcome
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the MthEd 377 classroom setting; improving practice through reflection and by providing, soliciting and incorporating feedback; and contributing to the professional learning community of the classroom.

Title
Teaching Mathematics for Social Justice

Tags
207321, 7

Learning Outcome
Students understand how to provide adolescents with opportunities to use mathematics to promote a socially just society and can modify learning materials to promote access for a wide range of adolescent identities.

MTHED 378 - Practicum in Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
378

Teaching Area
MTHED

Course Title
Practicum in Mathematics Education

Course Description
Observing secondary mathematics classrooms as a means of reflecting on teaching practices that support student learning of fundamental mathematical concepts, including use of high-cognitive demand tasks and orchestration of mathematical discussions as well as eliciting, making sense of, and building on student mathematical thinking.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Concurrent enrollment in MthEd 377

Learning Outcomes

Title
Instructional Design for Mathematics Learning

Tags
205041, 2

Learning Outcome
Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.

Title
Analyzing Classroom Instruction

Tags
205042, 3

Learning Outcome
Students can analyze and describe the mathematical experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

Title
Professionalism

Tags
205043, 4

Learning Outcome
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and improve their practice through reflection and by providing, soliciting and incorporating feedback.

Title
Understanding of Mathematics Learners

Tags
205110, 0

Learning Outcome
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.

Title
Examining Privilege and Oppression in Mathematics Classes

Tags
207322, 5

Learning Outcome
Students identify and influence the mathematical and social positions held by each adolescent in a particular classroom. Students will recognize how systemic oppression and privilege is evident in mathematics classrooms and examine their own teaching to identify practices that privilege or oppress individual adolescents.

MTHED 476 - Secondary Student Teaching in Mathematics

Course Information

Teaching Area (new)
MTHED

Course Number
476

Teaching Area
MTHED

Course Title
Secondary Student Teaching in Mathematics

Course Description
Capstone, field-based, semester-long experience in teaching mathematics to secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Mathematics Education

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval. FBI fingerprint and background clearance.

Learning Outcomes

Title
Student Teaching

Tags
205145, 1

Learning Outcome

Mathematics
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.
Understanding of Mathematics Learners
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.
Instructional Design for Mathematics Learning
Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.
Assessment of Mathematics Learning
Students understand how to design and use formative and summative assessments that monitor the learner's progress, inform instructional decisions, and engage adolescents in assessing their own mathematical learning.
Professionalism
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and by seeking opportunities to improve practice and advance the profession through reflecting on practice, soliciting and incorporating feedback, and contributing to professional, school, and community organizations.
Spiritual StewardshipStudents seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all learners as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships, gospel service, and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence.

MTHED 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
MTHED

Course Number
477R

Teaching Area
MTHED

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Mathematics Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

MTHED 495R - Readings in Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
495R

Teaching Area
MTHED

Course Title
Readings in Mathematics Education

Course Description
Directed readings beyond scope of usual undergraduate courses.

Department
Mathematics Education

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Knowledge

Tags
205143, 1

Learning Outcome
Students will deepen their understanding of readings math education.

Title
Developing Professionalism

Tags
205083, 2

Learning Outcome
Students recognize that there is an extensive body of literature on the learning and teaching of mathematics; can identify important authors, papers, issues, findings, theories, and limitations in a subfield of the literature; and recognize and value the need to remain current with developments in the field of mathematics education.

Title
Applying Knowledge of Mathematics Education

Tags
205136, 1

Learning Outcome
Students have a deeper understanding of important issues and/or research in the field of mathematics education, and can use this new understanding to reevaluate their past and present experiences in mathematics classrooms, make connections to other important issues and problems in mathematics education, function more effectively in their role as an undergraduate research assistant, and/or reimagine their future experiences as a mathematics teacher.

MTHED 496 - Academic Internship: Secondary Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
496

Teaching Area
MTHED

Course Title
Academic Internship: Secondary Mathematics Education

Course Description
Capstone, field-based, semester-long experience in teaching mathematics to secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Mathematics Education

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval. FBI fingerprint and background check.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Course Outcomes

Tags
205146, 1

Learning Outcome
Mathematics
Students understand the central concepts, tools of inquiry, and structures of the discipline of mathematics as well as core representations, canonical examples, and alternative algorithms germane to teaching secondary school mathematics.
Understanding of Mathematics Learners
Students understand that adolescents develop mathematical knowledge by building on prior knowledge and experience; that adolescents differ cognitively, linguistically, socially, emotionally, and physically; and that adolescents learn best when given regular opportunities to reason about and make sense of mathematics in an environment of high expectations and strong support.
Instructional Design for Mathematics Learning
Students understand how to design learning environments and mathematical experiences that engage all adolescents in the exploration and development of mathematical ideas, as well as how to effectively foster these environments and orchestrate these experiences by promoting conceptual understanding, procedural fluency, and authentic mathematical practices.
Assessment of Mathematics Learning
Students understand how to design and use formative and summative assessments that monitor the learner's progress, inform instructional decisions, and engage adolescents in assessing their own mathematical learning.
Professionalism
Students demonstrate their professionalism through maintaining appropriate relationships and behavior in the school setting, and by seeking opportunities to improve practice and advance the profession through reflecting on practice, soliciting and incorporating feedback, and contributing to professional, school, and community organizations.
Spiritual StewardshipStudents seek integrity between their personal and professional lives consistent with the restored gospel of Jesus Christ by recognizing all learners as children of God and striving to nurture their divine potential; applying gospel-centered principles of teaching and learning to family relationships, gospel service, and involvement in the community; and serving as examples of a Christ-centered life within their spheres of influence.

MTHED 497R - Research in Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
497R

Teaching Area
MTHED

Course Title
Research in Mathematics Education

Course Description
Undergraduate research experience. Faculty-supervised research. Written and oral presentation of findings required.

Department
Mathematics Education

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Recommended
MthEd 177, 276, and 277

Learning Outcomes

Title
Engaging in Research

Tags
205074, 0

Learning Outcome
Students have a deeper understanding of the nature, design, and methods of research in the field of mathematics education; can make valuable contributions under limited supervision to the data collection and/or data analysis stages of faculty-directed mathematics education research; and can communicate their understanding of research in general, as well as of this specific research, through a scholarly oral or written report.

Title
Relating to Research

Tags
205105, 2

Learning Outcome
Students can identify their personal strengths and weaknesses in regards to conducting research in mathematics education, and have a sense for whether or not they would like to pursue more research opportunities through graduate study.

Title
Applying Understanding from Research

Tags
205113, 1

Learning Outcome
Students have a deeper understanding of a key issue or problem in the field of mathematics education, and can use this new understanding to reevaluate their past and present experiences in mathematics classrooms, make connections to other important issues and problems in mathematics education, function more effectively in their role as an undergraduate research assistant, and/or reimagine their future experiences as a mathematics teacher.

MTHED 500 - (MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors

Course Information

Teaching Area (new)
MTHED

Course Number
500

Teaching Area
MTHED

Course Title
(MthEd-Chem-C S-Geol-Math-Phscs-Stat) Business Practices for Science and Mathematics Majors

Course Description
(Math-Chem-C S-Geol-MthEd-Phscs-Stat) Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Mathematics Education

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

MTHED 550 - Problem Solving

Course Information

Teaching Area (new)
MTHED

Course Number
550

Teaching Area
MTHED

Course Title
Problem Solving

Course Description
Solving and building explanations and presenting solutions to conceptually important problems. Analyzing research on problem solving and its role in teaching and learning mathematics.

Department
Mathematics Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Strong background in undergraduate mathematics; instructor's consent

Learning Outcomes

Title
Problem Solving as a Process

Tags
205055, 2

Learning Outcome
Students understand general approaches to and a variety of heuristics in the problem solving process and can apply these to solve various problems in mathematics as well as other areas of life.

Title
Professionalism

Tags
205065, 4

Learning Outcome
Students recognize the key role that problem solving plays in the field of mathematics as well as in the learning of school mathematics. They see the valuable insights provided by the literature on the teaching and learning of mathematics through problem solving, and feel a desire to continually seek opportunities to improve their ability to teach mathematics through problem solving and promote better instruction in schools by incorporating problem solving as a process for learning mathematics.

Title
Spiritual Stewardship

Tags
205093, 5

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of our trials here on earth as related to the restored gospel of Jesus Christ and principles of mathematical problem solving processes. Graduates use this enriched understanding problem solving as a method for teaching and learning mathematics by giving all students the agency and opportunity to solve mathematical problems on their own.

Title
Scholarship in Problem Solving

Tags
205116, 0

Learning Outcome
Students understand and can evaluate important issues, current and historical trends, theories, paradigms of research, and research findings in the field of mathematical problem solving, as well as their implications for the teaching and learning of problem solving explicitly and implicitly in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

Title
Critical Stance

Tags
205123, 1

Learning Outcome
Students can apply principles of quality research to analyze and critique research on the mathematical process of problem solving, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

Title
Teaching Through Problem Solving

Tags
205133, 3

Learning Outcome
Students understand the pitfalls of teaching problem solving as a distinct content area of mathematics and the benefits of using problem solving as a process in the teaching of all mathematics. They understand how to design instruction to teach mathematics through problem solving.

MTHED 562 - Euclidean Geometry: Content, Learning, and Teaching

Course Information

Teaching Area (new)
MTHED

Course Number
562

Teaching Area
MTHED

Course Title
Euclidean Geometry: Content, Learning, and Teaching

Course Description
Euclidean geometry, including classical problems, polyhedra, transformations, congruence, similarity, integer geometry, minimization; technology in geometry, Van Hiele levels, role of proof, and high school curriculum.

Department
Mathematics Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MthEd 362 or equivalent

Learning Outcomes

Title
Critical Stance

Tags
205053, 1

Learning Outcome
Students can apply principles of quality research to analyze and critique research on the teaching and learning of geometry, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

Title
Scholarship

Tags
205062, 0

Learning Outcome
Students understand and can evaluate the role of proof in geometry and in mathematics in general, the theories of how students progress through the van Hiele levels in learning geometry and how these two topics are related. They can use this knowledge to evaluate current instructional, curricular, and policy recommendations of leaders in mathematics education regrading the teaching of geometry in the public schools.

Title
Professionalism

Tags
205081, 4

Learning Outcome
Students recognize the key role that geometry should play in school mathematics and the valuable insights provided by the literature on the teaching and learning of geometry, and feel a desire to continually seek opportunities to improve their own teaching of geometry and promote better instruction of geometry in the schools by seeking to adapt the instruction to the van Hiele level of the students.

Title
Spiritual Stewardship

Tags
205085, 5

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of geometry teaching and learning, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Euclidean Geometry

Tags
205088, 2

Learning Outcome
Students understand the central concepts, conditions, definitions, theorems, assumptions, structure and extensions of high school (Euclidean) geometry. They can use these understandings to prove general cases of geometric theorems and apply these theorems to solve problems in Euclidean geometry.

Title
Teaching

Tags
205129, 3

Learning Outcome
Students can assess the van Hiele level at which their students are operating and design tasks and lessons to move learners to a higher van Hiele level, eventually to the level of deduction and proof. Throughout the instruction at different van Hiele levels, students can continually evaluate the role that proof is playing for the learners and understand how to adjust their instruction to ensure that proof activities are meaningful. Students can use their knowledge of the van Hiele levels, proof, and the NCTM Standards to evaluate geometry curriculum for appropriate sequencing.

MTHED 590 - Foundational Issues in Learning Mathematics

Course Information

Teaching Area (new)
MTHED

Course Number
590

Teaching Area
MTHED

Course Title
Foundational Issues in Learning Mathematics

Course Description
Introduction to research in mathematics learning; mathematical thinking; cognitive, social, and philosophical approaches to describing mathematics learning.

Department
Mathematics Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Teaching certificate or completion of student teaching

Learning Outcomes

Title
Scholarship

Tags
205061, 0

Learning Outcome
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings in the field of mathematics education, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

Title
Identifying and Situating Research Problems

Tags
205063, 1

Learning Outcome
Students understand the importance of situating research problems and questions in the literature, and can identify important research problems and relate them to appropriate issues, trends, theories, paradigms, and findings in the literature.

Title
Becoming a Professional

Tags
205070, 3

Learning Outcome
Students perceive themselves as emerging scholars and leaders in the field, and feel responsibility for and commitment to their own growth and the growth of the field.

Title
Spiritual Stewardship

Tags
205073, 4

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Applying Scholarship to Teaching

Tags
205082, 2

Learning Outcome
Students can use their understanding of the important issues, trends, theories, paradigms, and findings in the field of mathematics to evaluate, reflect on, and improve their mathematics instruction.

MTHED 591 - Scholarly Inquiry in Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
591

Teaching Area
MTHED

Course Title
Scholarly Inquiry in Mathematics Education

Course Description
Introduction to scholarly inquiry in mathematics education; issues in research methodology.

Department
Mathematics Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MTHED 590 - Foundational Issues in Learning Mathematics

Learning Outcomes

Title
Applying Research to Teaching

Tags
205048, 3

Learning Outcome
Students understand how to meaningfully apply research on teaching and learning mathematics in their teaching and use scholarly inquiry as a lens to reflect on that teaching.

Title
Spiritual Stewardship

Tags
205049, 5

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning studied in this course, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Scholarship

Tags
205050, 0

Learning Outcome
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings in the field of mathematics education, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and participation in mathematics education scholarship.

Title
Research

Tags
205052, 1

Learning Outcome
Graduates understand research methods in mathematics education and can a) locate an interesting and important problem; b) conduct a literature review to situate the problem; c) develop a conceptual framework; d) establish focused research questions; e) choose and implement appropriate methods for collecting and analyzing data; f) address issues of research quality such as validity, reliability, and significance; and g) effectively communicate their work both orally and in writing.

Title
Critical Stance

Tags
205077, 2

Learning Outcome
Students understand the affordances and constraints of research paradigms and methodologies commonly used in mathematics education research and can analyze and critique research on teaching and learning mathematics according to principles of quality research.

Title
Professionalism

Tags
205097, 4

Learning Outcome
Students have developed knowledge and beliefs that enable and compel them to continually seek opportunities to improve their own practice, keep abreast of advances and developments in the field both locally and nationally, and provide leadership in professional, school, and community organizations.

MTHED 598R - Topics in Mathematics Education

Course Information

Teaching Area (new)
MTHED

Course Number
598R

Teaching Area
MTHED

Course Title
Topics in Mathematics Education

Course Description
Includes specific research areas and curriculum studies of school mathematics topics (i.e. geometry, algebra, and calculus).

Department
Mathematics Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Spiritual Stewardship

Tags
205087, 5

Learning Outcome
Students strive to follow the example of Jesus Christ in both their personal and professional lives, seek consistency between their understanding of the restored gospel of Jesus Christ and principles of mathematics teaching and learning studied in this course, and use this enriched understanding of teaching and learning to nurture the divine potential of all in their spheres of influence.

Title
Teaching

Tags
205089, 3

Learning Outcome
Students can use their understanding of the research on the topic of study to evaluate, reflect on, and improve their own teaching.

Title
Scholarship

Tags
205107, 0

Learning Outcome
Students understand and can evaluate important issues, trends, theories, paradigms of research, and research findings in the field of mathematics education related to the particular topic of study, as well as their implications for the teaching and learning of mathematics in the public schools, mathematics teacher development, and/or participation in mathematics education scholarship.

Title
Mathematics

Tags
205114, 2

Learning Outcome
Students understand mathematical content that illustrates important issues in the research on the topic of study.

Title
Critical Stance

Tags
205118, 1

Learning Outcome
Students can apply principles of quality research to analyze and critique research on the topic of study, and understand the affordances and constraints of research paradigms and methodologies in this body of research.

Title
Professionalism

Tags
205127, 4

Learning Outcome
Students recognize the key role that the topic of study plays in the learning and teaching of mathematics, and feel a desireto continually seek opportunities to improve their own practice, keep abreast of advances and developments in the field both locally and nationally, and/or provide leadership in professional, school, and community organizations.

MUSIC 100 - Music Fundamentals

Course Information

Teaching Area (new)
MUSIC

Course Number
100

Teaching Area
MUSIC

Course Title
Music Fundamentals

Course Description
Organizational systems of music, their notation and aural patterns.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status

Note
Required for music minor.

Learning Outcomes

Title
Music Fundamentals

Tags
187924, 0

Learning Outcome
Students will learn the fundamentals of music theory and harmony. This course also helps prepare them for the music major aural skills test.

MUSIC 101 - Introduction to Music

Course Information

Teaching Area (new)
MUSIC

Course Number
101

Teaching Area
MUSIC

Course Title
Introduction to Music

Course Description
Designed to aid nonmusic majors in developing skills needed for listening to music creatively. Emphasis on masterworks of Western music from major style periods.

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Intro to Music

Tags
187857, 0

Learning Outcome

By listening to music, learning about the historical development of music, learning about its composers, participating in in-class discussions, attending concerts, and by acquiring a vocabulary and knowledge of music terms and concepts, students will be capable of identifying practically any piece of classical music by time period and genre. Students will also possess a much greater understanding of musical forms, genres and styles.

MUSIC 111R - Basic Vocal Skills

Course Information

Teaching Area (new)
MUSIC

Course Number
111R

Teaching Area
MUSIC

Course Title
Basic Vocal Skills

Course Description
Class instruction in voice for nonmusic majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Accompanist fee not included.

Learning Outcomes

Title
Performance

Tags
187686, 0

Learning Outcome
Students will prepare four songs and perform memorized a minimum of three times throughout the semester.

Title
Vocal Technique

Tags
187827, 1

Learning Outcome
Students will learn to understand the structure and function of the vocal instrument through: flexibly aligned posture; low, flexible breath management; consistent, projected flow phonation; freedom of vocal mechanism, including mouth and jaw; emerging resonance; emerging musicianship -- including dynamics, legato, accuracy; text and diction.

MUSIC 113 - Beginning Piano Techniques 1

Course Information

Teaching Area (new)
MUSIC

Course Number
113

Teaching Area
MUSIC

Course Title
Beginning Piano Techniques 1

Course Description
Class instruction in piano for nonmusic majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Technique

Tags
187642, 2

Learning Outcome
Students will be able to play technical exercises such as the Five Finger Position, major and minor triads, major and minor sales and major and minor cadences.

Title
Accompaniment Skills

Tags
187654, 1

Learning Outcome
Students will be able to play chords in blocked and broken positions and use them to accompany melodies.

Title
Music Theory

Tags
187702, 0

Learning Outcome
Students will understand basic concepts of music theory including related terms and symbols, note and key names, key signatures and time signatures, and counting.

Title
Improvisation

Tags
187803, 3

Learning Outcome
Students will be able to improvise simple melodies and play chords with them.

Title
Rehearsal parts

Tags
187843, 6

Learning Outcome
Students will be able to play individual part of ensembles.

Title
Sight Reading

Tags
187870, 4

Learning Outcome
Students will sight read easier music.

Title
Musicality

Tags
187919, 5

Learning Outcome
Students will play repertoire pieces as assigned with all dynamics and articulations.

MUSIC 114R - Beginning Piano Techniques 2

Course Information

Teaching Area (new)
MUSIC

Course Number
114R

Teaching Area
MUSIC

Course Title
Beginning Piano Techniques 2

Course Description
Continuation of Music 113.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 113 or instructor's consent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
114R

Tags
187863, 0

Learning Outcome

Students will be able to:

Understand concepts of music theory including triads and inversions and the quality of seventh chords, sixteenth notes and other rhythms.

Title
Sight Reading

Tags
188002, 4

Learning Outcome

Sight read easier music.

Title
Improvising

Tags
188003, 3

Learning Outcome

Improvise simple melodies and play triads and seventh chords with them.

Title
Scales and Arpeggios

Tags
188004, 2

Learning Outcome

Be able to play technical exercises such as major and minor scales and arpeggios.

Title
Triads

Tags
188005, 1

Learning Outcome

Be able to play triads, triad inversions and seventh chords in blocked and broken positions and use them to accompany melodies.

Title
Performance

Tags
188006, 7

Learning Outcome

Play individual parts of ensembles fluently.

Title
Dynamics and Articulations

Tags
188007, 6

Learning Outcome

Play repertoire pieces as assigned with all dynamics and articulations.

Title
Style Characteristics

Tags
188008, 5

Learning Outcome

Understand and be able to discuss the style characteristics of composers and music from the four standard periods of music.

MUSIC 115 - Basic Organ Skills

Course Information

Teaching Area (new)
MUSIC

Course Number
115

Teaching Area
MUSIC

Course Title
Basic Organ Skills

Course Description
Class instruction in organ for nonmusic majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Repertoire

Tags
187629, 5

Learning Outcome
To experience (primarily through listening) a wide range of organ repertoire with three main goals: 1) identify registrational characteristics, 2) identify pieces of interest for future learning, and 3) distinguish between that which might be appropriate for worship and that which is appropriate for concert use.

Title
Hymn Playing

Tags
187638, 0

Learning Outcome
Students will be able to prepare and play four-part hymns to a high standard.

Title
Listen

Tags
187644, 2

Learning Outcome
Students will be able to listen in both practice and performance for perfect legato, precise releases, and independence of line.

Title
Technique

Tags
187647, 3

Learning Outcome
Students will be able to use the standard legato manual and pedal techniques fluently, and to play simple pedal parts in combination with elementary manual parts.

Title
Registration

Tags
187726, 1

Learning Outcome
Students will be able to know and apply basic principles of organ registration and construction.

Title
Practice

Tags
188273, 4

Learning Outcome
Students will learn to use efficient practice techniques.

MUSIC 116R - Organ Techniques and Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
116R

Teaching Area
MUSIC

Course Title
Organ Techniques and Literature

Course Description
Continuation of Music 115.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 115 or instructor's consent

Learning Outcomes

Title
Practice techniques

Tags
187603, 6

Learning Outcome
Cultivate more efficient practice techniques.

Title
Registration

Tags
187608, 2

Learning Outcome
Understand and apply more advanced principles of organ registration.

Title
Technique

Tags
187618, 4

Learning Outcome
Develop fluency in manual techniques, including finger independence, redistribution, finger crossings, glissando, and substitution; and develop greater fluency in pedal playing.

Title
Expression

Tags
187675, 3

Learning Outcome
Understand basics of touch, phrasing and articulation, and to know how to utilize them to enhance the expressiveness of a piece of music.

Title
Repertoire

Tags
187741, 1

Learning Outcome
Learn at least two organ pieces this semester. Also, experience a wide range of organ repertoire with four main goals: associate selected organ masterworks with their respective composers, regions, and time periods; identify registrational characteristics; identify pieces of interest for future learning; and distinguish between that which might be appropriate for worship and that which is appropriate for concert use.

Title
Accompanying

Tags
187760, 5

Learning Outcome
Develop basic accompanying skills on the organ.

Title
Hymn Playing

Tags
187954, 0

Learning Outcome
Understand and be able to employ various advanced hymn playing techniques.

MUSIC 117 - Basic Guitar Skills

Course Information

Teaching Area (new)
MUSIC

Course Number
117

Teaching Area
MUSIC

Course Title
Basic Guitar Skills

Course Description
Class instruction in guitar for nonmusic majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic Guitar Skills

Tags
187874, 0

Learning Outcome
Students with no prior guitar experience will be able to play basic accompaniment patterns. This ability will serve them, their family and the community at large in the future.

MUSIC 118R - Guitar Techniques and Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
118R

Teaching Area
MUSIC

Course Title
Guitar Techniques and Literature

Course Description
Continuation of Music 117.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 117 or instructor's consent

Learning Outcomes

Title
118R

Tags
187793, 0

Learning Outcome
Building upon Music 117, students will hone their basic guitar skills to an intermediate level of self-accompaniment.

MUSIC 123 - Harp Preparation for Large Ensemble

Course Information

Course Number
123

Teaching Area
MUSIC

Course Title
Harp Preparation for Large Ensemble

Course Description
Develop skills necessary to play harp in a large ensemble.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Preparation

Tags
214114, 0, 1, 2023-08-29 11:10:07

Learning Outcome
Students will be able to competently prepare their parts for large ensemble rehearsals.

Title
Communication

Tags
214115, 0, 2, 2023-08-29 11:10:08

Learning Outcome
Students will be able to professionally communicate with the large ensemble director and other members of the ensemble.

Title
Students will be able to perform with a high level of musicianship as part of their large ensemble. Title

Tags
214116, 0, 3, 2023-08-29 11:10:11

MUSIC 135 - Basic Conducting

Course Information

Teaching Area (new)
MUSIC

Course Number
135

Teaching Area
MUSIC

Course Title
Basic Conducting

Course Description
Fundamental concepts and skills for nonmusic majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcome

Tags
188009, 0

Learning Outcome
Students will demonstrate in their own conducting an understanding of and proficiency with the following techniques: beat patterns, style (legato/marcato), the conducting field, breath releases, melding, the SuperClick, subdivision of beats, fermatas, dynamics, cuing, phrase shaping.

MUSIC 160R - Guitar

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Guitar

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
Guitar Lessons for the non-music major

Tags
187751, 26

Learning Outcome
Students will learn the value of lesson preparation and correct practice techniques.

Title
Guitar Lessons for the non-music major

Tags
187858, 20

Learning Outcome
Students will develop and improve their chosen guitar style during the semester.

MUSIC 160R - Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Piano

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Piano

Tags
187942, 5

Learning Outcome
At the end of the semester students who give proper and sufficient practice time will become stronger in piano technical foundation and stronger in keyboard harmonic foundation. Students will expand repertoire by at least 1-2 pieces. Students will feel confident in accepting a church musician calling.

MUSIC 160R - Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Viola

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Viola

Tags
187877, 21

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Harpsichord

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Harpsichord

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Harpsichord

Tags
187630, 23

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Organ

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Organ

Tags
187672, 4

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Harp

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Harp

Tags
187850, 19

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Clarinet

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Clarinet

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Clarinet

Tags
187823, 10

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

MUSIC 160R - Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Percussion

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Percussion

Tags
187712, 18

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Performance Instruction

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Performance Instruction

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R - Performance Instruction

Tags
188146, 1

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Saxophone

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Saxophone

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Saxophone

Tags
187680, 6

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Classical Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Classical Voice

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R - Classical Voice

Tags
188144, 1

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

MUSIC 160R - Horn

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Horn

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Horn

Tags
187787, 3

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Violin

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee. **The system provides erroneous information for this course. It is not for music majors only; it is for declared music minors only.**

Learning Outcomes

Title
160R Violin

Tags
187710, 17

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Performance Instruction: Music Technology Studio

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Performance Instruction: Music Technology Studio

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

MUSIC 160R - Euphonium

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Euphonium

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

Learning Outcomes

Title
160R Euphonium

Tags
187945, 8

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Carillon

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Carillon

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

Learning Outcomes

Title
160R Carillon

Tags
187634, 24

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Trombone

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Trombone

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

Learning Outcomes

Title
160R Trombone

Tags
187700, 13

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Tuba

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Tuba

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Tuba

Tags
187707, 15

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Trumpet

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Trumpet

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

Learning Outcomes

Title
160R Trumpet

Tags
187900, 25

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Oboe

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Oboe

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Oboe

Tags
187684, 7

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - String Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
String Bass

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Bass

Tags
187820, 9

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Flute

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Flute

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Flute

Tags
187705, 14

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Bassoon

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Bassoon

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Bassoon

Tags
187659, 2

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 160R - Contemporary Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Contemporary Voice

Course Description
Private or semiprivate instruction. One to two hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 528; Term: 264

Note
Fee.

Learning Outcomes

Title
160R Performance Instruction

Tags
187824, 11

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

MUSIC 160R - Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
160R

Teaching Area
MUSIC

Course Title
Cello

Course Description
Private or semiprivate instruction. One to two hours of daily practice

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
Nonmusic major status. Audition may be required.

Fee
Semester: 544; Term: 272

Note
Fee.

Learning Outcomes

Title
160R Cello

Tags
187879, 22

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique and strengthen their interpretive skills.

MUSIC 165 - Survey of the Great Pianists

Course Information

Teaching Area (new)
MUSIC

Course Number
165

Teaching Area
MUSIC

Course Title
Survey of the Great Pianists

Course Description
Exposure to influential pianists and recordings.

Department
Music

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Music 260R; Piano performance majors only.

Learning Outcomes

Title
Great Pianist History

Tags
188384, 1

Learning Outcome
Students will deepen their understanding of the most influential pianists through their recordings, legacy, and style.

MUSIC 166 - Organ Registration

Course Information

Teaching Area (new)
MUSIC

Course Number
166

Teaching Area
MUSIC

Course Title
Organ Registration

Course Description
Organ stops and their application to various performance styles.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent private or group instruction in organ or instructor's consent

Learning Outcomes

Title
Organ Registration

Tags
187637, 0

MUSIC 176 - Careers in Music Education

Course Information

Teaching Area (new)
MUSIC

Course Number
176

Teaching Area
MUSIC

Course Title
Careers in Music Education

Course Description
Examining preschool through college teaching career options in music; seeking a good fit between personal aspirations, attributes, skills, and job requirements.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Note
Open to music majors and nonmajors.

Learning Outcomes

Title
Career Options

Tags
187693, 1

Learning Outcome
Students will become acquainted with possible career options in musiceducation, and will examine the joys, demand, benefits, and potential hazards inherent in each option. They will also identify critical personal attributes and skills necessary for success in each option.

MUSIC 184 - Improvisation

Course Information

Course Number
184

Teaching Area
MUSIC

Course Title
Improvisation

Course Description
A general introduction to style-neutral musical improvisation.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Other Prerequisites
Music major status, pre-music major status, or instructor approval

Learning Outcomes

Title
Solo Improvisation

Learning Outcome
Students will be able to improvise music on their instrument or voice with or without a prompt.

Title
Collaborative Improvisation

Learning Outcome
Students will be able to improvise collaboratively with other musicians.

Title
Expression

Learning Outcome
Students will become more expressive and creative in all of their music-making activities.

Title
Confidence

Learning Outcome
Students will gain skills to overcome performance anxiety with regard to improvisation.

Title
Performance Challenges

Learning Outcome
Students will be able to respond creatively to performance challenges (such as mistakes or mishaps) in real time.

Title
Fluency

Learning Outcome
Students will become more fluent as creators / composers.

MUSIC 186 - Songwriting 1

Course Information

Teaching Area (new)
MUSIC

Course Number
186

Teaching Area
MUSIC

Course Title
Songwriting 1

Course Description
Songwriting for present-day music publishing industry; basic songwriting theory; form, content, and style.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Basic music reading and keyboard skills

Learning Outcomes

Title
Songwriting

Tags
187685, 1

Learning Outcome
Students study such topics as creativity itself, writing techniques, and the importance of collaboration. By the end of the semester each student will have completed several preparatory assignments in addition to a culminating creative song project. The students will receive an introduction to a working MIDI-technology studio. Parallel to these assignments are readings about the models of the music business: music publishing, record labels, legal concepts, the copyright law, etc. Quizzes and a final exam measure retention of these concepts. Students who master the principles advanced will be able to function creatively and to manage others involved in the creation of commercial songs.

MUSIC 187R - Composition

Course Information

Teaching Area (new)
MUSIC

Course Number
187R

Teaching Area
MUSIC

Course Title
Composition

Course Description
Introduction to principles of recent art music; composition and performance of student works for one to five instruments.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Music major status.

Learning Outcomes

Title
Composing with Modern and Experimental Vocabularies

Tags
187982, 1

Learning Outcome
Introduction to composing music with modern and and experimental music vocabularies.

MUSIC 193 - Aural Skills 1

Course Information

Teaching Area (new)
MUSIC

Course Number
193

Teaching Area
MUSIC

Course Title
Aural Skills 1

Course Description
Development of aural skills through melodic dictation, rhythm dictation, and error detection; listening materials include diatonic melodies in major and minor keys and basic rhythms in simple and compound meters.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Acceptance as a music major.

Learning Outcomes

Title
Melodic dictation

Tags
187720, 0, 0

Learning Outcome
Students will be able to accurately transcribe diatonic melodies that arpeggiate tonic and dominant in major and minor keys.

Title
Rhythmic dictation

Tags
212131, 0, 1

Learning Outcome
Students will be able to accurately transcribe rhythms in simple and compound meters with simple subdivisions, dots, and ties.

Title
Error detection

Tags
212132, 0, 2

Learning Outcome
Students will be able to correctly identify errors in simple melodic and rhythmic excerpts.

MUSIC 194 - Aural Skills 2

Course Information

Teaching Area (new)
MUSIC

Course Number
194

Teaching Area
MUSIC

Course Title
Aural Skills 2

Course Description
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include longer, arpeggiated melodies, more advanced rhythms, and diatonic harmonic progressions.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 193 - Aural Skills 1

Learning Outcomes

Title
Melodic dictation

Tags
212133, 0, 1

Learning Outcome
Students will be able to accurately transcribe diatonic melodies that contain large leaps and diatonic arpeggiations.

Title
Harmonic dictation

Tags
212134, 0, 2

Learning Outcome
Students will be able to accurately transcribe the outer voices and identify the harmonies in diatonic chord progressions.

Title
Rhythmic dictation

Tags
212135, 0, 3

Learning Outcome
Students will be able to accurately transcribe rhythms involving sextuple division, syncopation, and less common beat values.

Title
Error detection

Tags
212136, 0, 4

Learning Outcome
Students will be able to correctly identify errors in longer melodies, rhythm patterns, and diatonic chord progressions.

MUSIC 195 - Music Theory 1

Course Information

Teaching Area (new)
MUSIC

Course Number
195

Teaching Area
MUSIC

Course Title
Music Theory 1

Course Description
Writing and analysis in diatonic harmony.

Department
Music

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance as a music major.

Learning Outcomes

Title
Fundamentals

Tags
187319, 0, 1

Learning Outcome
Students will demonstrate a mastery of music fundamentals (scales, key signatures, intervals, and triads).

Title
Part writing

Tags
212295, 0, 2

Learning Outcome
Students will be able to part-write using root-position and first inversion triads and dominant seventh inversions.

Title
Analysis

Tags
212296, 0, 3

Learning Outcome
Students will be able to analyze passages of music involving root-position and first inversion triads and dominant seventh inversions.

MUSIC 196 - Music Theory 2

Course Information

Teaching Area (new)
MUSIC

Course Number
196

Teaching Area
MUSIC

Course Title
Music Theory 2

Course Description
Writing and analysis in diatonic and chromatic harmony.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 195 - Music Theory 1

Learning Outcomes

Title
Part writing

Tags
187859, 0, 1

Learning Outcome
Students will be able to part-write using all diatonic triads and seventh chords, secondary dominants, and modulations to closely related keys

Title
Analysis

Tags
212297, 0, 2

Learning Outcome
Students will be able to analyze passages of music involving all diatonic triads and seventh chords, secondary dominants, and modulations to closely related keys

Title
Form

Tags
212298, 0, 3

Learning Outcome
Students will be able to identify and describe sentences and period structures and demonstrate an understanding of binary and ternary form

Title
Composition

Tags
212299, 0, 4

Learning Outcome
Students will be able to compose a ternary form piece that modulates to a closely related key

MUSIC 197 - Sight Singing 1

Course Information

Teaching Area (new)
MUSIC

Course Number
197

Teaching Area
MUSIC

Course Title
Sight Singing 1

Course Description
Development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on learning solfège, counting syllables, conducting patterns, and hand signs in the performance of diatonic melodies in major and minor keys and basic rhythms in simple and compound meters.

Department
Music

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Acceptance as a music major.

Learning Outcomes

Title
Sight singing

Tags
212137, 0, 1

Learning Outcome
Students will demonstrate the ability to sight-read diatonic melodies that arpeggiate tonic and dominant in any major or minor key.

Title
Rhythm reading

Tags
212138, 0, 2

Learning Outcome
Students will demonstrate the ability to accurately perform rhythms with duple divisions, dots, ties, triplets, and duplets in simple and compound meters while conducting.

Title
Improvisation

Tags
212139, 0, 3

Learning Outcome
Students will demonstrate the ability to improvise idiomatic melodic and rhythmic patterns in response to a given call.

MUSIC 198 - Sight Singing 2

Course Information

Teaching Area (new)
MUSIC

Course Number
198

Teaching Area
MUSIC

Course Title
Sight Singing 2

Course Description
Continued development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on arpeggiated melodies and more advanced rhythms.

Department
Music

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 197 - Sight Singing 1

Learning Outcomes

Title
Sight singing

Tags
212140, 0, 1

Learning Outcome
Students will demonstrate the ability to sight-read diatonic melodies that arpeggiate triads and sevenths in any major or minor key.

Title
Rhythm reading

Tags
212141, 0, 2

Learning Outcome
Students will demonstrate the ability to accurately perform rhythms involving sextuple division, syncopation, and less common beat values while conducting.

Title
Improvisation

Tags
212142, 0, 3

Learning Outcome
Students will demonstrate the ability to improvise idiomatic melodic patterns over given chord changes.

MUSIC 201 - Civilization: Music 1

Course Information

Teaching Area (new)
MUSIC

Course Number
201

Teaching Area
MUSIC

Course Title
Civilization: Music 1

Course Description
History of civilization from Greek antiquity through the seventeenth century, primarily from perspective of musical literature and the arts; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ability to read musical notation

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Music 201 - Honors

Tags
187753, 0

Learning Outcome
Music 201 surveys music, the visual arts, and literature from ancient history to the beginning of the baroque period, giving emphasis whenever possible to the subject of music. As comprehension of musical scores constitutes an important part of the lectures and the exams, the ability to read music will help you excel in this course. Students who cannot read music will find it more difficult to do well.

Title
Foundational Knowledge

Tags
206524, 0

Learning Outcome
Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the Arts, with a focus on music, from Ancient Greece to ca. 1720.

Title
Communication

Tags
206545, 1

Learning Outcome
Communicate effectively through writing with diverse audiences about music, culture and the arts from Ancient Greece to ca. 1720.

Title
Cultural Awareness

Tags
206547, 2

Learning Outcome
Identify and describe the major cultural ideas and styles from the Western cultural tradition from Ancient Greece to ca. 1720.

Title
Life-long Learning

Tags
206553, 3

Learning Outcome
Demonstrate the skills and abilities needed for a life-long critical and evaluative pursuit of art, literature, music, and philosophy

MUSIC 202 - Civilization: Music 2

Course Information

Teaching Area (new)
MUSIC

Course Number
202

Teaching Area
MUSIC

Course Title
Civilization: Music 2

Course Description
History of civilization from the eighteenth century through the present day, primarily from perspective of musical literature and the arts; exploring fundamental questions in human experience, examining formative events in history; understanding value of important texts.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Ability to read musical notation

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Music 202 - Honors

Tags
187897, 1

Learning Outcome
Music 202 surveys music, the visual arts, and literature from the middle baroque to the present day, giving emphasis whenever possible to the subject of music. As comprehension of musical scores constitutes an important part of the lectures and the exams, the ability to read music will help you excel in this course. Students who cannot read music will find it more difficult to do well.

Title
Foundational Knowledge

Tags
206529, 2

Learning Outcome
Demonstrate foundational knowledge and skills in the methods of investigating, expressing, and evaluating concepts in the Arts, with a focus on music, from ca. 1720 to the present day.

Title
Communication

Tags
206543, 3

Learning Outcome
Communicate effectively through writing with diverse audiences about music, culture and the arts from ca. 1720 to the present day.

Title
Life-long Learning

Tags
206548, 5

Learning Outcome
Demonstrate the skills and abilities needed for a life-long critical and evaluative pursuit of art, literature, music, and philosophy

Title
Cultural Awareness

Tags
206555, 4

Learning Outcome
Identify and describe the major cultural ideas and styles from the Western cultural tradition from ca. 1720 to the present day.

MUSIC 203 - World Music Cultures

Course Information

Teaching Area (new)
MUSIC

Course Number
203

Teaching Area
MUSIC

Course Title
World Music Cultures

Course Description
Traditional music of selected cultures of Asia, Oceania, Africa, Europe, and the Americas, including both folk and art music traditions.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Non-music major status.

Note
For non-music majors.

Learning Outcomes

Title
Respect

Tags
188010, 0, 1

Learning Outcome
Know music and its creators are worthy of respect.
Recognize the role of music in the maintenance and/or creation of cultural boundaries, and thus the potentiality for cultural representation.

Title
Awareness

Tags
188013, 0, 2

Learning Outcome
Be aware of current musical biases toward their 'home' culture and account for these biases when encountering unfamiliar music.

Title
Research & evaluation

Tags
188012, 0, 3

Learning Outcome
Be curious about music and its creators. Write research questions about music and evaluate potential sources, while working towards an answer.

MUSIC 204 - Introduction to Jazz

Course Information

Teaching Area (new)
MUSIC

Course Number
204

Teaching Area
MUSIC

Course Title
Introduction to Jazz

Course Description
Fostering an understanding and appreciation of jazz music within the context of American history and culture.

Department
Music

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Non-music major status

Note
For non-music majors. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Honors Intro to Jazz

Tags
187802, 0

Learning Outcome
Master a basic vocabulary for describing musical eventsBe able to reproduce a chronology of the most important events (including recordings) in the history of jazzBe able to recognize important styles, pieces, and soloists, by ear

MUSIC 220 - Introduction to Piano Technology

Course Information

Course Number
220

Teaching Area
MUSIC

Course Title
Introduction to Piano Technology

Course Description
An introduction to piano manufacturing and servicing. Students will learn how grand and upright piano actions function, including the nomenclature and regulation adjustments,

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Note
This course will be offered as an Evening Class at BYU.

Learning Outcomes

Title
Vocabulary

Learning Outcome
Students will be able to more clearly communicate their piano-related musical needs by using correct technical vocabulary.

Title
Evaluation

Learning Outcome
Students will be able to evaluate the condition of a piano by objectively proposing possible areas of improvement relating to the piano's tuning, touch, and/or tone.

Title
Collaboration

Learning Outcome
Students will be able to articulate how collaboration with piano technicians will improve their lives as musicians, teachers, and performers.

MUSIC 221 - Functional Piano Skills 1

Course Information

Teaching Area (new)
MUSIC

Course Number
221

Teaching Area
MUSIC

Course Title
Functional Piano Skills 1

Course Description
Provides music majors with basic keyboarding ability in such areas as sight reading, technique, harmonization, and score reading.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Piano skills determined by entrance diagnostic exam; music major status

Learning Outcomes

Title
221 Functional Piano Skill

Tags
187321, 1

Learning Outcome
At the end of this class, students should be able to:
Play major and minor cadences using tonic, sub-dominant and dominant chords in all keys at a tempo of 80, one chord per beat.

Title
Harmonize Melodies

Tags
187322, 2

Learning Outcome
Harmonize melodies using the assigned accompaniment patterns demonstrating an ability to use chords in root and inverted positions.

Title
Melodies by Ear

Tags
187323, 3

Learning Outcome
Play common melodies by ear using assigned chordal accompaniments.

Title
Improvise Melody

Tags
187324, 4

Learning Outcome
Improvise a melody with the right hand while playing the assigned chordal accompaniment with the left hand.

Title
Major and Harmonic Minor Scales

Tags
187325, 5

Learning Outcome
Play the major and harmonic minor scales that begin on the white keys for one octave up and down the keyboard at a tempo of 100 – two notes per beat.

Title
Sight Reading

Tags
187326, 6

Learning Outcome
Be able to sight read given examples with a minimum of mistakes and hesitations.

Title
Perform Assigned Repertoire

Tags
187327, 7

Learning Outcome
Perform assigned repertoire demonstrating an ability to play expressively while observing all terms and symbols, and fingering, at a tempo appropriate for the piece.

Title
Accompaniment to Solos

Tags
187328, 8

Learning Outcome
Perform assigned accompaniments to solos demonstrating an ability to follow the performance of the soloist.

MUSIC 222 - Functional Piano Skills 2

Course Information

Teaching Area (new)
MUSIC

Course Number
222

Teaching Area
MUSIC

Course Title
Functional Piano Skills 2

Course Description
Continuation of Music 221.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
C- or higher in Music 221; music major status

Learning Outcomes

Title
222 Functional Piano Skills

Tags
187329, 1

Learning Outcome
Continuing to build upon skills gained from Mus 221, students will also be able to:
Play the assigned progressions in all keys up to four sharps and four flats at a tempo of 88 per half note.

Title
Harmonize Melodies

Tags
187330, 2

Learning Outcome
Harmonize given melodies using the assigned accompaniment pattern and chord symbols demonstrating ease in moving from chord to the next.

Title
Common Melodies by Ear

Tags
187331, 3

Learning Outcome
By ear, play a common melodies with the right hand as assigned. With the left hand, play a chordal accompaniment using the assigned accompaniment pattern.

Title
Improvisation

Tags
187332, 4

Learning Outcome
Improvise a melody with the right hand while playing the assigned chordal accompaniment with the left hand.

Title
Major and Harmonic Minor Scales

Tags
187333, 5

Learning Outcome
Play major and harmonic minor scales that begin on the white keys for two octaves up and down the keyboard at a tempo of 120 – two notes per beat.

Title
Major and Minor Arpeggios

Tags
187334, 6

Learning Outcome
Play major and minor arpeggios that begin on the white keys for two octaves up and down the keyboard at a tempo of 120 – two notes per beat.

Title
Sight reading

Tags
187335, 7

Learning Outcome
Be able to sight read given examples with a minimum of mistakes and hesitations.

Title
Perform Assigned Repetoire

Tags
187336, 8

Learning Outcome
Perform assigned repertoire demonstrating an ability to play expressively while observing all terms and symbols, and fingering, at a tempo appropriate for the piece.

Title
Perform a Hymn

Tags
187337, 9

Learning Outcome
Perform a hymn of your choice from the LDS hymnbook or from a standard hymnbook from another denomination.

Title
Accompaniment to Solos

Tags
187338, 10

Learning Outcome
Perform accompaniments to solos as assigned demonstrating an ability to follow the performance of the soloist.

Title
Score Reading Example

Tags
187339, 11

Learning Outcome
Prepare a score reading example that relates to your major instrument. Play the line of your instrument and one other line of a differing and transposing instrument.

MUSIC 223 - Jazz Harp Techniques

Course Information

Course Number
223

Teaching Area
MUSIC

Course Title
Jazz Harp Techniques

Course Description
Exploration of jazz theory applied on the harp. Development of skills in jazz chord pedaling, improvisation and lead sheet reading.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 196 - Music Theory 2

Learning Outcomes

Title
Lead Sheets

Tags
214117, 0, 1, 2023-08-29 11:12:29

Learning Outcome
After completing this course, students will feel comfortable reading off of a lead sheet.

Title
Improvisation

Tags
214118, 0, 2, 2023-08-29 11:12:31

Learning Outcome
Students will learn to improvise as a soloist or in a jazz ensemble.

Title
Jazz Harmony

Tags
214119, 0, 3, 2023-08-29 11:12:34

Learning Outcome
Students will develop greater fluidity in pedal movements required in jazz harmony.

MUSIC 235A - Instrumental Conducting Techniques.

Course Information

Teaching Area (new)
MUSIC

Course Number
235A

Teaching Area
MUSIC

Course Title
Instrumental Conducting Techniques.

Course Description
Physical techniques and musical understanding required to conduct an instrumental performance ensemble.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 193 - Aural Skills 1
  AND MUSIC 195 - Music Theory 1
  AND MUSIC 197 - Sight Singing 1

Learning Outcomes

Title
Instrumental Conducting Technique

Tags
187340, 2

Learning Outcome
Students will be able to:
--Explain and demonstrate the conductor's correct posture, stance, baton grip, and hand/arm position.
--Explain and demonstrate the conductor's preparatory gesture, ictus, rebound, the conducting patterns.
--Demonstrate expressive and ambidextrous use of both hands as it relates to the musical score.
--Conduct in various articulation styles, legato, staccato, marcato, & tenuto
--Conduct clear beat patterns, mixed meter, subdivision, and cuing technique.
--Define musical terms as useful for a conductor., and understand/explain the transpositions of instruments found within a musical score.
--Convincingly conduct a variety of musical excerpts

Title
Instrumental Conducting

Tags
187781, 0

Learning Outcome
Students will develop the physical techniques and interpretive skills required to be an instrumental conductor.

MUSIC 235B - Choral Conducting Techniques

Course Information

Teaching Area (new)
MUSIC

Course Number
235B

Teaching Area
MUSIC

Course Title
Choral Conducting Techniques

Course Description
Physical techniques and musical understanding required to conduct a choral performance ensemble.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 193 - Aural Skills 1
  AND MUSIC 195 - Music Theory 1
  AND MUSIC 197 - Sight Singing 1

Learning Outcomes

Title
235B Choral Conducting

Tags
187688, 0

Learning Outcome
Students will demonstrate in their own conducting an understanding of and proficiency with the following techniques: beat patterns, style (legato/ marcato), the conducting field, breath releases, melding, the SuperClick, subdivision of beats, fermatas, dynamics, cuing, phrase shaping, irregular meters, and multi metrics.

MUSIC 249 - Sophomore Recital

Course Information

Teaching Area (new)
MUSIC

Course Number
249

Teaching Area
MUSIC

Course Title
Sophomore Recital

Course Description
Sophomore-level recital, with a prerecital hearing required at least three weeks before the juried recital.

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
0

Fixed/Max:
0

Other Prerequisites
Concurrent enrollment in Music 260R and instructor's consent

Fee
Semester: $158; Term: $80

Note
NOTE: Fee. Students must register for recital before it can be scheduled; contact studio instructor for details.

Learning Outcomes

Title
Recital Review and Performance

Tags
187736, 0, 1

Learning Outcome
Preview the entire recital for faculty at least three weeks prior to the performance, and then perform the recital.

MUSIC 251 - Music Technology 1

Course Information

Teaching Area (new)
MUSIC

Course Number
251

Teaching Area
MUSIC

Course Title
Music Technology 1

Course Description
Music technology concepts, principles, and applications. Foundation course in Commercial Music core.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Music major status or instructor consent for TMA majors.

Learning Outcomes

Title
Practical Hands-On Experience

Tags
187759, 3

Learning Outcome
This course focuses on basic audio principles. Students will begin to use studio technology in labs for this course where they can benefit from hands-on experience.

Title
Audio Technology

Tags
187975, 2

Learning Outcome
Student will become familiar with basic audio principles, including fundamentals of hearing, psycho-acoustics, microphones, speakers, mixing consoles, patch bays, signal processing, etc.

Title
Technology

Tags
188033, 1

Learning Outcome
Students are introduced to the basics of hardware and software technology used in commerical music production. They will demonstrate a working knowledge of sequencing and notation programs.

MUSIC 252 - Music Technology 2

Course Information

Teaching Area (new)
MUSIC

Course Number
252

Teaching Area
MUSIC

Course Title
Music Technology 2

Course Description
Continuation of Music 251. Music technology concept, principles, and applications.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 251 - Music Technology 1

Learning Outcomes

Title
Audio Technology

Tags
188308, 2

Learning Outcome
Students gain a more intermediate level of familiarity with recording equipment, recording and mixing strategies, and software tools.

Title
Audio Production

Tags
188310, 3

Learning Outcome
Students continue to develop additional proficiency in audio and music production techniques by applying various concepts in a number of scenarios.

Title
Practical Hands-On Experience

Tags
188311, 4

Learning Outcome
This course is project based, and involves hands on learning both in class and outside of class while working on a variety of assignments. Students also go on a number of field trips, providing an opportunity to see first hand how professional music and sound facilities function and how various pieces of equipment are used to accomplish certain objectives.

Title
Career Sampler

Tags
188309, 0, 1

Learning Outcome
Building on the knowledge and skillsets gained in Music 251, this class provides an opportunity for students to be introduced to different areas within commercial music. The student gets a chance to briefly expereince what it's like to be a film composer, a post-production audio engineer, music producer, studio owner, and a variety of other areas. Students increase their level of technological competency and ability to execute different types of projects and gain additional skills associated with each area.

MUSIC 256 - Recording Studio 1

Course Information

Teaching Area (new)
MUSIC

Course Number
256

Teaching Area
MUSIC

Course Title
Recording Studio 1

Course Description
Basic recording theory, operational techniques, and procedures.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 251 - Music Technology 1

Learning Outcomes

Title
Aesthetics

Tags
187599, 2

Learning Outcome
Student will develop a sense of the aesthetic values commonly applied to music production.

Title
Audio Production

Tags
187676, 1

Learning Outcome
Student will achieve an intermediate-level of proficiency in audio production techniques, workflows, processes, common tasks, etc.

Title
Practical Hands-On Experience

Tags
187763, 3

Learning Outcome
This course focuses on experimentation in the studio. Many audio concepts are best understood and appreciated (and greater learning results are achieved) from hands-on demonstration and operation of the involved technology.

Title
Audio Technology

Tags
187796, 0

Learning Outcome
Student will become familiar with basic audio technology: microphones, monitors, mixers, signal processors, digital audio workstations, audio recorders, etc.

MUSIC 257 - Recording Studio 2

Course Information

Teaching Area (new)
MUSIC

Course Number
257

Teaching Area
MUSIC

Course Title
Recording Studio 2

Course Description
Continuation of Music 256.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 256 - Recording Studio 1

Learning Outcomes

Title
Practical Hands-On Experience

Tags
187950, 3

Learning Outcome
This course focuses on experimentation in the studio. Many audio concepts are best understood and appreciated (and greater learning results are achieved) from hands-on demonstration and operation of the involved technology.

Title
Audio Production

Tags
188312, 1

Learning Outcome
Student will achieve a more advanced level of proficiency in audio production techniques, workflows, processes, common tasks, etc.

Title
Audio Technology

Tags
188313, 0

Learning Outcome
Student will become comfortable with audio technology: microphones, monitors, mixers, signal processors, digital audio workstations, audio recorders, etc.

Title
Aesthetics

Tags
188314, 2

Learning Outcome
Student will develop a more advanced sense of the aesthetic values commonly applied to music production. They will also increase in their ability to hear various techniques and strategies used to create industry standard sound and music.

MUSIC 259 - Psychology of Performance

Course Information

Teaching Area (new)
MUSIC

Course Number
259

Teaching Area
MUSIC

Course Title
Psychology of Performance

Course Description
Psychological skills for performers. Topics include audition preparation, conquering stage fright, preventing overuse injury, attention control, creativity. Skills applicable to any performance situation.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Psychology of Performance

Tags
188431, 1

Learning Outcome
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

MUSIC 260R - Performance Instruction: Trombone

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trombone

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188123, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 260R - Performance Instruction: Classical Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Classical Voice

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status. Concurrent enrollment in Music 262R: Diction Lab in Fall and Winter semesters.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Piano

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188378, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study.

MUSIC 260R - Performance Instruction: Bassoon

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Bassoon

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Viola

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Applied Viola Instruction

Tags
188336, 1

Learning Outcome
Students will demonstrate the abillity to perform standard solo repertoire, orchestral excerpts at an appropriate artistic level for their year of study. Students will cultivate technical and musical skills needed to pursue a career in music.

MUSIC 260R - Performance Instruction: Euphonium

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Euphonium

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188127, 1

Learning Outcome
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden brick, writing proper bridges, introductions, chord progressions and etc.

MUSIC 260R - Performance Instruction: Contemporary Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Contemporary Voice

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188130, 1

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, and strengthen their interpretive skills.

MUSIC 260R - Performance Instruction: Jazz Piano

Course Information

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Jazz Piano

Course Description
Private instruction.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status

Fee
Semester: 560; Term: 280

Note
From one to three hours of daily practice. Fee.

Learning Outcomes

Title
Performance

Learning Outcome
Students will demonstrate the ability to perform standard jazz repertoire with stylistically appropriate voicings, creative improvisations, and solid foundational comping techniques.

MUSIC 260R - Performance Instruction: Horn

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Horn

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 514; Term: 257

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: String Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: String Bass

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188183, 1

Learning Outcome
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden brick, writing proper bridges, introductions, chord progressions and etc.

MUSIC 260R - Performance Instruction: Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Violin

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Applied Violin Instruction

Tags
188116, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 260R - Performance Instruction: Saxophone

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Saxophone

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Guitar

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Guitar

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188129, 1

Learning Outcome
Students will apply their knowledge of songwriting they have learned from other courses directly to their projects for this course. Although songwriting isn't directly taught in this course, it is expected that students apply proven songwriting techniques. This includes song form, the craft of lyric writing, using a golden brick, writing proper bridges, introductions, chord progressions and etc.

MUSIC 260R - Performance Instruction: Harpsichord

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harpsichord

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188120, 1

Learning Outcome
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

MUSIC 260R - Performance Instruction

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance Instruction

Tags
187352, 1

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, and strengthen their interpretive skills.

MUSIC 260R - Performance Instruction: Tuba

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Tuba

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188124, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 260R - Performance Instruction: Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Cello

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Applied Cello Instruction

Tags
188115, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 260R - Performance Instruction: Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harp

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188126, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 260R - Performance Instruction: Clarinet

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Clarinet

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Trumpet

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trumpet

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Percussion

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 261 - MDT Vocal Technique 2

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188125, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 260R - Performance Instruction: Flute

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Flute

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Organ

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Work Ethic

Tags
188121, 1

Learning Outcome
Students completing this course will be able to:1. Have the skills to manage anxiety through the implementation of relaxation training.2. Use mental visualization to enhance their performance and their performance preparation.3. Use the 5 stages of the performance process to support future performance.4. Create an optimal performance mindset.5. Approach a performance with confidence.6. Break through what is limiting their self expression.7. Step up, risk and enjoy performing.

MUSIC 260R - Performance Instruction: Oboe

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Oboe

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 260R - Performance Instruction: Music Technology Studio

Course Information

Teaching Area (new)
MUSIC

Course Number
260R

Teaching Area
MUSIC

Course Title
Performance Instruction: Music Technology Studio

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 261 - MDT Vocal Technique 2

Course Information

Teaching Area (new)
MUSIC

Course Number
261

Teaching Area
MUSIC

Course Title
MDT Vocal Technique 2

Course Description
Contemporary vocal styles and techniques, including pop/belt, stage, and studio singing.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Note
MDT Majors only

MUSIC 262R - Diction Lab 1: English

Course Information

Teaching Area (new)
MUSIC

Course Number
262R

Teaching Area
MUSIC

Course Title
Diction Lab 1: English

Course Description
The study of English diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 262R - Diction Lab 1: French

Course Information

Teaching Area (new)
MUSIC

Course Number
262R

Teaching Area
MUSIC

Course Title
Diction Lab 1: French

Course Description
The study of French diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 262R - Diction Lab 1: Italian

Course Information

Teaching Area (new)
MUSIC

Course Number
262R

Teaching Area
MUSIC

Course Title
Diction Lab 1: Italian

Course Description
The study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 262R - Diction Lab 1: German

Course Information

Teaching Area (new)
MUSIC

Course Number
262R

Teaching Area
MUSIC

Course Title
Diction Lab 1: German

Course Description
The study of German diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Concurrent enrollment in Music 260R: Classical Voice.

MUSIC 262R - Diction Lab 1

Course Information

Teaching Area (new)
MUSIC

Course Number
262R

Teaching Area
MUSIC

Course Title
Diction Lab 1

Course Description
The study of diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 264 - Keyboard Foundations 1

Course Information

Teaching Area (new)
MUSIC

Course Number
264

Teaching Area
MUSIC

Course Title
Keyboard Foundations 1

Course Description
Sight-reading, harmonization, improvisation, and technique at the keyboard.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 198 - Sight Singing 2
  AND MUSIC 260R - Performance Instruction: Percussion

Learning Outcomes

Title
Keyboard Foundations - 264

Tags
187871, 1

Learning Outcome
The goal of 264/265 is to give students a strong introduction to various musical skills that they will very likely come across in the professional world. Many of these skills will draw on the student’s knowledge of music theory and become the concrete application of that knowledge.As keyboard players –they are expected to have the strongest working knowledge of harmony, as the instrument is polyphonic in nature – not homophonic. The ability to see many notes and instantly divide them into harmonic groupings is crucial and a common denominator for nearly every aspect of this class. Sometimes this grouping skill will include adding or subtracting notes from the page, or supplying notes that are only notated by a symbol. Very often students can play their performance repertoire wonderfully, but are virtually helpless and intimidated when attempting to add or subtract some of their own notes when not written specifically on the page. This tendency represents incomplete musicianship - it is instead only well trained muscles. The outcomes for this course include sight reading, modulation, score reading, figured bass, transposition and improvisation. After discussing other items that would be considered foundational material for keyboard players in 2012, it was decided that added emphasis would be given to the history of great pianists.

MUSIC 265 - Keyboard Foundations 2

Course Information

Teaching Area (new)
MUSIC

Course Number
265

Teaching Area
MUSIC

Course Title
Keyboard Foundations 2

Course Description
Continuation of Music 264.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 264 - Keyboard Foundations 1

Learning Outcomes

Title
Musical Skills Continued

Tags
187847, 1

Learning Outcome
The goal of 264/265 is to give students a strong introduction to various musical skills that they will very likely come across in the professional world including: Sightreading, Modulation, Open Score Reading, Figured Bass, Transposition and Fakebook Improvisation.

MUSIC 271 - Musicality in the Elementary School

Course Information

Teaching Area (new)
MUSIC

Course Number
271

Teaching Area
MUSIC

Course Title
Musicality in the Elementary School

Course Description
Survey of authentic folk song and art music tonal systems and structures; their use in developing musical intuition through singing, movement, listening, and playing instruments.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Acceptance into the Music Education: Elementary Education Emphasis program

Learning Outcomes

Title
Improvisation and Movement

Tags
187655, 2

Learning Outcome
Students will Improvise on piano and drums, patterns to guide young children’ s movement leading toawareness of rhythms, meters, and formal structures.

Title
Teaching Strategies

Tags
187683, 6

Learning Outcome
Students will demontrate different strategies to effectively teach children using the teaching/learning processes explored in class.

Title
Folk Song Analysis

Tags
187689, 0

Learning Outcome
Students will analyze folk songs according to tone sets, scale types, rhythm patterns, and formal structures and create an organized index/retrieval system based on such analysis.

Title
Dictation, Melody, and Rhythm

Tags
187714, 4

Learning Outcome
Students will take from dictation, folk song melodies and rhythms, and sing with accuracy intervals, pentatonic scales, and modes.

Title
Pitch and Intonation

Tags
187798, 1

Learning Outcome
Students will demonstrate ability to sing children' s songs with accurate pitch and intonation.

Title
Developmentally Appropriate Learning

Tags
187799, 5

Learning Outcome
Students will be able to explain how children learn, and how they learn music, including an understanding of development ateach age, windows of opportunity for learning certain things, and ages and stages of growth.

Title
Accompanying

Tags
187806, 3

Learning Outcome
Students will demonstrate ability to accompany on autoharp or guitar, children’ s folk and traditional songs, showing anunderstanding of keys and chord patterns.

Title
Technology in Music Education

Tags
187944, 7

Learning Outcome
Students will demonstrate growth in knowledge of the use of technology in music education. In this class you will be asked toa. use finale to input music for flash cardsb. use the web to investigate music program offerings for young childrenc. use the web to locate businesses that specialize in early childhood music books, instruments,and other equipment for music development and explorationd. create a song index retrieval system you can use throughout your education career,e. review interactive music teaching computer programs available for children

MUSIC 272 - Developing Children's Musicality, Grades K--2

Course Information

Teaching Area (new)
MUSIC

Course Number
272

Teaching Area
MUSIC

Course Title
Developing Children's Musicality, Grades K--2

Course Description
Literature-based curriculum design and planning, grades K--2. Issues of pure intonation and vocal/aural development. Microteaching in a demonstration school.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 271 - Musicality in the Elementary School

Learning Outcomes

Title
Developmentally Appropriate Learning

Tags
187607, 7

Learning Outcome
Students will be able to explain how children learn, and how they learn music, including an understanding of development ateach age, windows of opportunity for learning certain things, and ages and stages of growth.

Title
Dictation, Melody, and Rhythm

Tags
187610, 6

Learning Outcome
Students will take from dictation, folk song melodies and rhythms, and sing with accuracy intervals, pentatonic scales, and modes.

Title
Improvisation and Movement

Tags
187622, 4

Learning Outcome
Students will Improvise on piano and drums, patterns to guide young children’ s movement leading toawareness of rhythms, meters, and formal structures.

Title
Pitch and Intonation

Tags
187717, 3

Learning Outcome
Students will demonstrate ability to sing children’ s songs with accurate pitch and intonation.

Title
Technology in Music Education

Tags
187749, 1

Learning Outcome
Students will demonstrate growth in knowledge of the use of technology in music education. In this class you will be asked toa. use finale to input music for flash cardsb. use the web to investigate music program offerings for young childrenc. use the web to locate businesses that specialize in early childhood music books, instruments,and other equipment for music development and explorationd. create a song index retrieval system you can use throughout your education career,e. review interactive music teaching computer programs available for children

Title
Folk Song Analysis

Tags
187829, 2

Learning Outcome
Students will analyze folk songs according to tone sets, scale types, rhythm patterns, and formal structures and create an organized index/retrieval system based on such analysis.

Title
Teaching Strategies

Tags
187836, 8

Learning Outcome
Students will demontrate different strategies to effectively teach children using the teaching/learning processes explored in class.

Title
Accompanying

Tags
187985, 5

Learning Outcome
Students will demonstrate ability to accompany on autoharp or guitar, children’ s folk and traditional songs, showing anunderstanding of keys and chord patterns.

MUSIC 273A - Percussion Techniques

Course Information

Teaching Area (new)
MUSIC

Course Number
273A

Teaching Area
MUSIC

Course Title
Percussion Techniques

Course Description
Accessory and concert percussion instruments and related performance literature.

Department
Music

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Percussion performance major or music education major with percussion emphasis

Learning Outcomes

Title
MUS 273A - Percussion Techniques

Tags
187809, 0

Learning Outcome
Introduce basic concepts utilized in concert percussion performance. The focus will be on instruments that would be the part of a percussion section in a concert band, orchestra, or percussion ensemble.Students will become familiar with basic techniques on snare drum, bass drum, cymbals, timpani, keyboard percussion and percussion accessory instruments. Application of these techniques will be related to literature as well as an understanding of basic maintenance, tuning and care of the instruments. Students will be able to demonstrate their ability to play these instruments in a variety of ensemble performance situations with confidence.

MUSIC 273B - Percussion Techniques

Course Information

Teaching Area (new)
MUSIC

Course Number
273B

Teaching Area
MUSIC

Course Title
Percussion Techniques

Course Description
Introduction to world percussion, drum set, and marching percussion techniques.

Department
Music

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 273A - Percussion Techniques

Learning Outcomes

Title
MUS 273B - Percussion Techniques

Tags
187743, 0

Learning Outcome
Students will become familiar with basic techniques on instruments from Africa, Brazil, Cuba, the Middle East, Asia, and other parts of the world. Some exposure to these exotic instruments will take place with an emphasis of “hands on” experiences. Application of these techniques will be related to literature and recordings as well as an understanding of basic maintenance, tuning and care of the instruments. Students will be able to demonstrate their ability to play these instruments in a variety of performance situations with confidence.

MUSIC 276 - Introduction to Music Education

Course Information

Teaching Area (new)
MUSIC

Course Number
276

Teaching Area
MUSIC

Course Title
Introduction to Music Education

Course Description
Teaching experiences and seminars aimed at helping prospective music teachers experience the demands and opportunities associated with teaching secondary music students.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 176 - Careers in Music Education

Other Prerequisites

FBI fingerprint and background clearance. Successfully complete the Technology Skills Assessment

Learning Outcomes

Title
Teaching Process

Tags
214120, 0, 1, 2023-08-29 11:14:23

Learning Outcome
Students will learn about and execute basic skills of lesson planning and teaching processes, i.e., developing learning objectives, using effective instructional strategies, sequencing instruction, assessing learning, and delivering instruction.

Title
Organizing Instruction

Tags
214121, 0, 2, 2023-08-29 11:14:25

Learning Outcome
Students will utilize national standards and expanded music literacy concepts to organize instructional content.

Title
Musical Skills

Tags
214122, 0, 3, 2023-08-29 11:14:38

Learning Outcome
Students will demonstrate basic skills related to two new instruments and to singing.

Title
Theory of Music Teaching

Tags
214123, 0, 4, 2023-08-29 11:14:40

Learning Outcome
Students will deepen their awareness of and thinking about educational theories underlying music instruction.

Title
Attitudes and Behaviors

Tags
214124, 0, 5, 2023-08-29 11:14:48

Learning Outcome
Students will develop professional attitudes and behaviors needed for success in the music education major and in the music teaching profession.

MUSIC 278 - Foundations of Music Teaching and Learning

Course Information

Teaching Area (new)
MUSIC

Course Number
278

Teaching Area
MUSIC

Course Title
Foundations of Music Teaching and Learning

Course Description
Using an experiential approach, exploring ways to provide rich musical experiences for secondary students in general music situations, including mapping, additive approach, and other methods. Effective teaching and classroom management also addressed.

Department
Music

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 276 - Introduction to Music Education

Learning Outcomes

Title
Secondary General Methods

Tags
214125, 0, 1, 2023-08-29 11:14:58

Learning Outcome
Through an experiential appoach, students will become familiar with secondary education methodssuch as mapping, additive approach and other methods. As well, students will receive instruction of effective classroom management.

MUSIC 280R - Topics in Music

Course Information

Teaching Area (new)
MUSIC

Course Number
280R

Teaching Area
MUSIC

Course Title
Topics in Music

Course Description
Topics vary.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Special Topics in Music

Tags
187922, 0

Learning Outcome
Specific learning outcomes are explicated at the outset of the course, but vary from syllabus to syllabus; each class explores in depth a subject supported by the particular research experience and expertise of the graduate faculty member who teaches the course.

MUSIC 281 - Foundations of Teaching Children Music

Course Information

Teaching Area (new)
MUSIC

Course Number
281

Teaching Area
MUSIC

Course Title
Foundations of Teaching Children Music

Course Description
Methods and materials for teaching general music, K--12. Cognitive development and learning styles as a basis for instructional strategies. Includes Dalcroze, Orff, and Kodaly.

Department
Music

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 276 - Introduction to Music Education

Learning Outcomes

Title
Music Literature Analysis

Tags
214126, 0, 1, 2023-08-29 11:15:11

Learning Outcome
Students will analyze music literature (songs and recordings) for teaching developmentally appropriate music concepts.

Title
Teaching Strategies

Tags
214127, 0, 2, 2023-08-29 11:15:14

Learning Outcome
Students will implement appropriate teaching strategies for teaching elementary general music.

Title
Orff, Dalcroze, MMCP, etc. Pedagogies

Tags
214128, 0, 3, 2023-08-29 11:15:16

Learning Outcome
Students will apply ideas from the music pedagogies of Orff, Dalcroze, Kodaly, SongWorks, etc. in elementary music lesson plans and teaching experiences.

Title
Child Musical Development

Tags
214129, 0, 4, 2023-08-29 11:15:18

Learning Outcome
Students will develop music learning activities that are consistent with what they learn about child development and musical development, and determine appropriat means for assessing student musical learning.

MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

Course Information

Teaching Area (new)
MUSIC

Course Number
282

Teaching Area
MUSIC

Course Title
Foundations of Teaching Vocalists in Ensembles

Course Description
Applied conducting technique, score analysis and preparation, evaluating solo performance, and application of learning theory.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2

Learning Outcomes

Title
Voice Function

Tags
213236, 0, 1

Learning Outcome
Identify basic anatomy and articulate how the voice functions.

Title
Principle-Based Voice Instruction

Tags
213237, 0, 2

Learning Outcome
Articulate and demonstrate healthy vocal technique and choral habits required for successful performance, and incorporate principle-based vocal instruction in a choral rehearsal setting.

Title
Score Analysis

Tags
213238, 0, 3

Learning Outcome
Analyze choral scores in preparation to teach. This will include identifying textual, formal, and other salient features of the piece, singing and playing through all the parts, marking your score and conducting, deciding how to introduce a piece, predicting challenges in a piece, and writing an 8 week rehearsal plan.

Title
Rehearsal Strategies

Tags
213239, 0, 4

Learning Outcome
Discuss, plan, and implement diverse rehearsal/teaching strategies in a peer-teaching setting

Title
Effective Conducting

Tags
213240, 0, 5

Learning Outcome
Demonstrate principles of effective communication through conducting.

Title
Course Purpose

Learning Outcome
The purpose of this course is to provide a foundation for best practices in teaching vocalists in choral ensembles. It is hoped that you will improve your individual singing and choral rehearsal techniques, as well as score analysis and conducting skills.

MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

Course Information

Teaching Area (new)
MUSIC

Course Number
283

Teaching Area
MUSIC

Course Title
Foundations of Teaching Instrumentalists in Ensembles

Course Description
Applied conducting technique, score analysis and preparation, evaluating solo performance, and applying learning theory.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2

Learning Outcomes

Title
Performing on a Band and Orchestra Instrument

Tags
213220, 0, 1

Learning Outcome
Demonstrate the ability to play with expression simple tunes, with proper playing position, tone quality, intonation, and rhythmic accuracy on a selected band and orchestra instrument.

Title
Spiritually Strengthening

Tags
213219, 0, 6, 2024-01-06 13:09:23

Learning Outcome
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

Title
The Role of Instrumental Music Instruction

Tags
213222, 0, 3, 2024-01-06 13:09:28

Learning Outcome
Demonstrate an enthusiasm for and understanding of the role of instrumental (band and orchestra) instruction in the K-12 school music curriculum as ameans of realizing a comprehensive music education.

Title
Professionalism

Tags
213223, 0, 4, 2024-01-06 13:09:32

Learning Outcome
Develop professional skills, traits, and behaviors expected of a professional music educator.

Title
Diagnosing Technical and Aural Problems

Tags
213221, 0, 2, 2024-01-06 13:09:36

Learning Outcome
Demonstrate ability to diagnose technical problems and propose remedial strategies. This includes developing and improving aural skills for effective band and string teaching.

MUSIC 284 - Jazz Improvisation 1

Course Information

Teaching Area (new)
MUSIC

Course Number
284

Teaching Area
MUSIC

Course Title
Jazz Improvisation 1

Course Description
Beginning improvisation: theory and technique.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2

Learning Outcomes

Title
Beginning Jazz Improvisation

Tags
188063, 0

Learning Outcome
Students will learn the fundamentals of jazz improvisation and how to apply them in a performance environment. Such fundamentals will include blues scales and chord progressions, typical jazz chord progressions, melodic patterns for improvisation and others.

MUSIC 286 - Introduction to the Music Business

Course Information

Teaching Area (new)
MUSIC

Course Number
286

Teaching Area
MUSIC

Course Title
Introduction to the Music Business

Course Description
The music business and its models. Guided research topics for all musicians.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music major status

Learning Outcomes

Title
Music Business

Tags
188077, 1

Learning Outcome
Music 286 is required in the Commercial Music major and is a recommended elective for all music majors. In the vernacular of the day, we teach, "Don't do the music business; be a music business." The course stresses that all musicians need a business plan, and is taught in a manner relevant for all musicians. The semester's work includes exposure to a variety of guest lectures, and creation of personal semester projects, including research, which take the form of a personal business plan. Retention of material is measured with quizzes and a final exam.

MUSIC 287 - Electronic Music Composition

Course Information

Teaching Area (new)
MUSIC

Course Number
287

Teaching Area
MUSIC

Course Title
Electronic Music Composition

Course Description
Introduction to composition with digital audio and related media.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music major status.

Learning Outcomes

Title
Modern and Experimental Vocabularies via Composition

Tags
187927, 1

Learning Outcome
Introduction to modern and experimental music vocabularies via composition in electronic media.

MUSIC 288 - Composition 2

Course Information

Teaching Area (new)
MUSIC

Course Number
288

Teaching Area
MUSIC

Course Title
Composition 2

Course Description
Invention and exploration of sound, control of multivoiced textures and larger forms, and recent art music.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 287 - Electronic Music Composition

Learning Outcomes

Title
Composition 2

Tags
187955, 1

Learning Outcome
Intermediate study of composition with modern and experimental music vocabularies.

MUSIC 293 - Aural Skills 3

Course Information

Teaching Area (new)
MUSIC

Course Number
293

Teaching Area
MUSIC

Course Title
Aural Skills 3

Course Description
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include modal and chromatic melodies, more difficult rhythms, and chromatic chord progressions.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2

Learning Outcomes

Title
Melodic dictation

Tags
212143, 0, 1

Learning Outcome
Students will be able to accurately transcribe chromatic melodies.

Title
Harmonic dictation

Tags
212144, 0, 2

Learning Outcome
Students will be able to accurately transcribe the outer voices and identify the harmonies in chromatic chord progressions.

Title
Rhythmic dictation

Tags
212145, 0, 3

Learning Outcome
Students will be able to accurately transcribe rhythms involving small subdivisions and irregular divisions.

Title
Error detection

Tags
212146, 0, 4

Learning Outcome
Students will be able to correctly identify errors in chromatic melodies, advanced rhythm patterns, and chromatic chord progressions.

MUSIC 294 - Aural Skills 4

Course Information

Teaching Area (new)
MUSIC

Course Number
294

Teaching Area
MUSIC

Course Title
Aural Skills 4

Course Description
Continued development of aural skills through melodic dictation, rhythm dictation, harmonic dictation, and error detection; listening materials include chromatic, modulating, and post-tonal melodies, challenging rhythms, and modulating chord progressions.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 293 - Aural Skills 3

Learning Outcomes

Title
Melodic dictation

Tags
212147, 0, 1

Learning Outcome
Students will be able to accurately transcribe chromatic, modulating, and post-tonal melodies.

Title
Harmonic dictation

Tags
212148, 0, 2

Learning Outcome
Students will be able to accurately transcribe the outer voices and identify the harmonies in modulating chord progressions.

Title
Rhythmic dictation

Tags
212149, 0, 3

Learning Outcome
Students will be able to accurately transcribe challenging rhythms in asymmetrical and changing meters.

Title
Error detection

Tags
212150, 0, 4

Learning Outcome
Students will be able to correctly identify errors in chromatic and modulating melodies, complex rhythm patterns, and modulating chord progressions.

MUSIC 295 - Music Theory 3

Course Information

Teaching Area (new)
MUSIC

Course Number
295

Teaching Area
MUSIC

Course Title
Music Theory 3

Course Description
Extended chromatic techniques and introduction to twentieth-century concepts.

Department
Music

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2

Learning Outcomes

Title
Part writing

Tags
187795, 0, 1

Learning Outcome
Students will be able to part-write using chromatic harmonies, including mode mixture, Neapolitans, and augmented sixths in passages involving chromatic modulations and sequences

Title
Analysis

Tags
212300, 0, 2

Learning Outcome
Students will be able to analyze passages of music involving chromatic harmonies, including mode mixture, Neapolitans, augmented sixths, chromatic modulations and sequences

Title
Form

Tags
212301, 0, 3

Learning Outcome
Students will be able to identify and describe the components of rondo and sonata form

Title
Composition

Tags
212302, 0, 4

Learning Outcome
Students will be able to compose short representative pieces in late-Romantic styles

MUSIC 296 - Music Theory 4

Course Information

Teaching Area (new)
MUSIC

Course Number
296

Teaching Area
MUSIC

Course Title
Music Theory 4

Course Description
Set theory, serialism, and other 20th- and 21st-Century concepts.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 295 - Music Theory 3

Learning Outcomes

Title
Analysis

Tags
187695, 0, 1

Learning Outcome
Students will be able to use modern analytical techniques (such as pitch class sets and serialism) to analyze post-tonal music

Title
Composition

Tags
212303, 0, 2

Learning Outcome
Students will be able to compose short representative pieces in 20th- and 21st-century styles

MUSIC 297 - Sight Singing 3

Course Information

Teaching Area (new)
MUSIC

Course Number
297

Teaching Area
MUSIC

Course Title
Sight Singing 3

Course Description
Continued development of aural skills through sight-singing, rhythm reading, and improvisation; emphasis on modal and chromatic melodies and advanced rhythms.

Department
Music

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Sight singing

Tags
212151, 0, 1

Learning Outcome
Students will demonstrate the ability to sight-read chromatic melodies.

Title
Rhythm reading

Tags
212152, 0, 2

Learning Outcome
Students will demonstrate the ability to accurately perform rhythms involving small subdvisions and cross-rhythms while conducting.

Title
Improvisation

Tags
212153, 0, 3

Learning Outcome
Students will demonstrate the ability to improvise rhythmic canons and idiomatic melodic patterns over given chord changes.

MUSIC 298 - Sight Singing 4

Course Information

Teaching Area (new)
MUSIC

Course Number
298

Teaching Area
MUSIC

Course Title
Sight Singing 4

Course Description
Continued development of aural skills through sight singing, rhythm reading, and improvisation; emphasis on chromatic and modulating melodies and challenging rhythms.

Department
Music

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 297 - Sight Singing 3

Learning Outcomes

Title
Sight singing

Tags
187860, 0, 0

Learning Outcome
Students will demonstrate the ability to sight-read modal, modulating, and post-tonal melodies.

Title
Rhythm reading

Tags
212154, 0, 1

Learning Outcome
Students will demonstrate the ability to accurately perform complex rhythms in asymmetrical and changing meters.

Title
Improvisation

Tags
212155, 0, 2

Learning Outcome
Students will demonstrate the ability to improvise idiomatic melodic and rhythmic patterns in response to a given call.

MUSIC 300 - Music Theatre in Contemporary Culture

Course Information

Teaching Area (new)
MUSIC

Course Number
300

Teaching Area
MUSIC

Course Title
Music Theatre in Contemporary Culture

Course Description
Analysis of the form, evolution, and influence of music dance theatre in Western culture.

Department
Music

When Taught
Fall.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
concurrent enrollment in Dance 300 and TMA 300.

Learning Outcomes

Title
MDT Analysis and Communication

Tags
187805, 0

Learning Outcome
Students will be able to analyze, synthesize and articulate the significant facets of music, dance and theatre within the historical context of the musical theatre genre.

MUSIC 301 - History of Western Music: Overview

Course Information

Teaching Area (new)
MUSIC

Course Number
301

Teaching Area
MUSIC

Course Title
History of Western Music: Overview

Course Description
Overview of Western music history from the Middle Ages to the Present, introducing principal composers, styles, genres, and forms.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- MUSIC 295 - Music Theory 3
  AND MUSIC 293 - Aural Skills 3
  AND MUSIC 297 - Sight Singing 3

Recommended
Music 201, Music 202

Learning Outcomes

Title
Overview of Western Art Music

Tags
188087, 1

Learning Outcome
Students will gain an overview of Western art music from the Middle Ages to the Present

Title
Historical and Cultural Movements

Learning Outcome
Students will learn about important historical and cultural movements linking one musical period to another

Title
Composers, Styles, Genres, and Forms

Learning Outcome
Students will be exposed to the major composers, styles, genres, and forms of Western art music

MUSIC 302 - History of Western Music: Baroque

Course Information

Teaching Area (new)
MUSIC

Course Number
302

Teaching Area
MUSIC

Course Title
History of Western Music: Baroque

Course Description
Survey of European art music of the Baroque period.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 301 - History of Western Music: Overview

Recommended
Music 201, Music 202

Note
The course will be offered in either spring or summer term in addition to Fall semester.

Learning Outcomes

Title
Identify Stylistic Elements

Tags
188088, 1

Learning Outcome
Identify simple elements of the major historical art music styles in the Baroque Period.

Title
Demonstrate Familiarity

Learning Outcome
Demonstrate familiarity with selected representative musical works from these historical periods.

Title
Use Appropriate Terminology

Learning Outcome
Use appropriately the terminology associated with the study of these repertories.

Title
Think, Speak, and Write

Learning Outcome
Think, speak, and write clearly and effectively about the music from this time period.

MUSIC 303 - History of Western Music: Classic

Course Information

Teaching Area (new)
MUSIC

Course Number
303

Teaching Area
MUSIC

Course Title
History of Western Music: Classic

Course Description
Survey of European art music of the Classic period.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 301 - History of Western Music: Overview

Recommended
Music 201, Music 202

Note
The course will be offered every Fall, but only every other Winter semester.

Learning Outcomes

Title
Identify Stylistic Elements

Tags
188089, 1

Learning Outcome
Identify simple elements of the major historical art music styles in the Classic Period.

Title
Demonstrate Familiarity

Learning Outcome
Demonstrate familiarity with selected representative musical works from these historical periods.

Title
Use Appropriate Terminology

Learning Outcome
Use appropriately the terminology associated with the study of these repertories.

Title
Think, Speak, and Write

Learning Outcome
Think, speak, and write clearly and effectively about the music from this time period.

MUSIC 304 - History of Western Music: Romantic

Course Information

Course Number
304

Teaching Area
MUSIC

Course Title
History of Western Music: Romantic

Course Description
Survey of European art music of the Romantic period.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- MUSIC 301 - History of Western Music: Overview

Recommended
Music 201, Music 202

Note
This course will be offered every Fall, but only every other Winter semester.

Learning Outcomes

Title
Identify Stylistic Elements

Learning Outcome
Identify simple elements of the major historical art music styles in the Romantic Period.

Title
Demonstrate Familiarity

Learning Outcome
Demonstrate familiarity with selected representative musical works from these historical periods.

Title
Use Appropriate Terminology

Learning Outcome
Use appropriately the terminology associated with the study of these repertories.

Title
Think, Speak, and Write

Learning Outcome
Think, speak, and write clearly and effectively about the music from this time period.

MUSIC 305 - History of Western Music: 20th and 21st Centuries

Course Information

Course Number
305

Teaching Area
MUSIC

Course Title
History of Western Music: 20th and 21st Centuries

Course Description
Survey of European and American art music of the twentieth and twenty-first centuries.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- MUSIC 301 - History of Western Music: Overview

Recommended
Music 201, Music 202

Note
The course will be offered in either spring or summer term in addition to Winter semester.

Learning Outcomes

Title
Identify Stylistic Elements

Learning Outcome
Identify simple elements of the major historical art music styles in the Twentieth and Twenty-First Centuries.

Title
Demonstrate Familiarity

Learning Outcome
Demonstrate familiarity with selected representative musical works from these historical periods.

Title
Use Appropriate Terminology

Learning Outcome
Use appropriately the terminology associated with the study of these repertories.

Title
Think, Speak, and Write

Learning Outcome
Think, speak, and write clearly and effectively about the music from this time period.

MUSIC 306 - Classical Music in Popular Culture

Course Information

Course Number
306

Teaching Area
MUSIC

Course Title
Classical Music in Popular Culture

Course Description
Surveys the interactions between classical music and popular culture, using methodologies and approaches drawn from anthropology, sociology, media studies, cultural studies, ethnomusicology, and reception theory.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:

- MUSIC 293 - Aural Skills 3
  AND MUSIC 295 - Music Theory 3
  AND MUSIC 297 - Sight Singing 3

Learning Outcomes

Title
Intersections

Learning Outcome
Identify and examine the intersections between the Western art-music tradition and the transformational uses of these repertoires in popular culture, mass media, and digital media.

Title
Lenses

Learning Outcome
Demonstrate an understanding of the multiple, overlapping analytical and critical “lenses” through which this repertoire can be viewed and assessed.

Title
Terminology

Learning Outcome
Use appropriately the terminology associated with this kind of study, including modes of discourse drawn from cultural studies, American studies, sociology, semiotics, reception theory, ethnomusicology, and other relevant disciplines.

Title
Engagement

Learning Outcome
Demonstrate through effective writing, oral presentation, and other creative media an ability to engage deeply with transformational musical expressions that cross traditional cultural divides between so-called “high” and “low” art.

MUSIC 307 - World Music

Course Information

Teaching Area (new)
MUSIC

Course Number
307

Teaching Area
MUSIC

Course Title
World Music

Course Description
Exploration of music making from a global perspective.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Music, Values, and "Cross-Domain Mapping"

Tags
188072, 5

Learning Outcome
Students will articulate how a culture's values can be embodied and discerned within musical practices.
Students will learn how music's organizational principles (see the previous learning outcome) can be mapped onto various non-musical aspects of that culture. In other words, students will be able to observe and articulate how the way a music sounds relates to what that music means. Some areas of exploration related to this learning outcome could include:

musical practices in various cultures that project power and legitimacy within political contexts
musical practices in various cultures that reinforce social cohesion in a community context
musical practices in various cultures that convey reverence or worship in a religious context

In discussions, assignments, and essays, students will use this concept of "cross-domain mapping" to articulate the connection between sound and meaning in various musical contexts. They will also use this as a basis to for written self-reflection:

How does the music the students themselves use in personal, social, and religious contexts resonate with their personal, community, and religious beliefs and values?
How do LDS musical practices, for example, reflect, shape, and strengthen Mormon identity?

Title
Ethnomusicology as a Path to Cultural Understanding

Tags
188073, 6

Learning Outcome
Students will be able to articulate and demonstrate how the discipline of ethnomusicology and the scholarly methods it entails foster cross-cultural awareness, understanding, and empathy.
Students will fulfill this objective by reading about the history and practices of ethnomusicology as an academic discipline, studying the methods and ethical considerations applied in ethnomusicological fieldwork, writing about their findings in assignments and exam essays, and completing a review of a scholarly monograph based on ethnomusicological fieldwork. Students will articulate in a written essay how the goals, methodologies, and ethical standards of the discipline of ethnomusicology align with the purposes and outcomes articulated in BYU's Global and Cultural Awareness Foundation Document.

Title
Music and Global Change

Tags
188074, 7

Learning Outcome
Students will demonstrate an understanding of the ways in which music reflects and contributes to large-scale international and intercultural changes.
Students will examine the ways in which major changes such as colonial and postcolonial political shifts, international economic developments, new media technologies, shifting social norms, religious proselytizing, etc., affect and are affected by musical practices. Students will demonstrate an understanding of musical culture as a continual interplay of tradition, hybridization, retrenchment, and change, and will be able to draw on various specific musical case studies to reflect on the complex cultural issues globalism raises. These case studies could include such things as:

How various historical encounters, from the Silk Road to the Crusades to the World Fairs of the late 19th and 20th centuries, contributed to musical cross-pollination.
How a Colombian soap opera helped turn a little-known provincial folk music style into an international phenomenon.
How the advent of the recording industry in India dramatically changed the role of women in Indian classical music.
How a Tibetan folk musician living in the U.S. balances his sense of stewardship over his tradition with the desire to broaden his audience.
How members of the LDS Church throughout the world navigate the relationship between local traditional culture and shared LDS culture through the musical celebrations that precede temple dedications.
Etc.

Title
Understanding of Non-Western Musical Practices

Tags
188076, 4

Learning Outcome
Students will be able to demonstrate an understanding of the methods of musical creativity in several non-Western cultures, including various approaches to melodic, rhythmic, timbral, and formal organization.
They will also be able to identify various musical instruments as well as the methods through which various cultures conceptualize and taxonomize instruments, and be able to show an understanding of how various modes of musical transmission (oral tradition, notation, media) affect musical practices over time.

MUSIC 308 - History of Jazz

Course Information

Teaching Area (new)
MUSIC

Course Number
308

Teaching Area
MUSIC

Course Title
History of Jazz

Course Description
Survey of jazz history, emphasizing periods, styles, and artists through the analysis of published transcriptions and arrangements.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 293 - Aural Skills 3
  AND MUSIC 295 - Music Theory 3
  AND MUSIC 297 - Sight Singing 3

Learning Outcomes

Title
Aural

Tags
187353, 1

Learning Outcome
Master an assigned repertory of classic jazz recordings.

Title
Written

Tags
187354, 2

Learning Outcome
Be able to describe the main differences between important styles and artists.

Title
Application

Tags
187873, 2

Learning Outcome
Learn to transcribe and analyze jazz solos

MUSIC 309 - Vocal Techniques for Choir Men

Course Information

Teaching Area (new)
MUSIC

Course Number
309

Teaching Area
MUSIC

Course Title
Vocal Techniques for Choir Men

Course Description
Vocal training to prepare student for participation in an advanced choral ensemble. Topics will cover vocal technique, sight singing, and choral musicianship.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcome

Tags
188014, 0

Learning Outcome
Men will demonstrate in their singing the ability to sing with proper breathing, phonation, resonation, and articulation. Men will access head tone, showing it to be part of their overall vocal technique.

MUSIC 310 - Community Engagement & Leadership in Music

Course Information

Teaching Area (new)
MUSIC

Course Number
310

Teaching Area
MUSIC

Course Title
Community Engagement & Leadership in Music

Course Description
Opportunities to grow as versatile artists, arts advocates, and global artist citizens through collaboration, community engagement, and student-led entrepreneurial projects.

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 296 - Music Theory 4

Other Prerequisites
Piano performance major

MUSIC 311R - University Chorale

Course Information

Teaching Area (new)
MUSIC

Course Number
311R

Teaching Area
MUSIC

Course Title
University Chorale

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Note
No audition required. Graduate students should register for 611R.

Learning Outcomes

Title
University Chorale

Tags
187972, 0

Learning Outcome
Students will demonstrate in performance their ability to read, learn, memorize, and polish the choral literature chosen as the choir’s repertoire for the semester, together with all the specific technical and musical demands of the chosen music.

MUSIC 312R - Men's Chorus

Course Information

Teaching Area (new)
MUSIC

Course Number
312R

Teaching Area
MUSIC

Course Title
Men's Chorus

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
5

Note
Graduate students should register for 612R.

Learning Outcomes

Title
Men's Chorus

Tags
187766, 0, 0

Learning Outcome
Students will learn to:

Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence.
Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry.
Participate in choral performances that display the ensemble's mastery of the above.

MUSIC 313R - Women's Chorus

Course Information

Teaching Area (new)
MUSIC

Course Number
313R

Teaching Area
MUSIC

Course Title
Women's Chorus

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
5

Other Prerequisites
Audition and director's consent

Note
Graduate students should register for 613R.

Learning Outcomes

Title
Women's Chorus

Tags
187620, 0

Learning Outcome
1. Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence.2. Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry.3. Participate in choral performances that display the ensemble’s mastery of the above.

MUSIC 314R - Concert Choir

Course Information

Teaching Area (new)
MUSIC

Course Number
314R

Teaching Area
MUSIC

Course Title
Concert Choir

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
5

Other Prerequisites
Audition and director's consent

Note
Graduate students should register for 614R.

Learning Outcomes

Title
Concert Choir

Tags
187729, 0

Learning Outcome
Students will learn to:1. Rehearse selected choral repertoire in disciplined, efficient manner, in order to perform with excellence. 2. Develop a personal understanding of the details that contribute to choral excellence; healthy vocal technique, precision, blend, intonation, artistry. 3. Participate in choral performances that display the ensemble's mastery of the above.

MUSIC 315R - University Singers

Course Information

Teaching Area (new)
MUSIC

Course Number
315R

Teaching Area
MUSIC

Course Title
University Singers

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
5

Other Prerequisites
Audition and director's consent

Note
Graduate students should register for 615R.

Learning Outcomes

Title
University Singers

Tags
187800, 0

Learning Outcome
Students will demonstrate in performance their ability to read, learn, memorize, and polish the choral literature chosen as the choir's repertoire for the semester, together with all the specific technical and musical demands of the chosen music.

MUSIC 316R - Opera Workshop

Course Information

Teaching Area (new)
MUSIC

Course Number
316R

Teaching Area
MUSIC

Course Title
Opera Workshop

Course Description
In a masterclass/workshop setting, students will learn and practice acting and interpretation skills for musical performances, including opera, concerts, recitals, auditions, and other opportunities. Students will perform both individually and as part of an ensemble.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Instructor approval required.

Note
Preference will be given to music majors. Graduate students should register for 616R.

Learning Outcomes

Title
Operatic Performance Technique

Tags
187699, 1

Learning Outcome
Students will learn the performance techniques required to sing art songs and operatic arias from the western classical vocal traditions.

Title
Class Performance

Tags
187747, 2

Learning Outcome
Students will apply these skills in the performance of songs or arias in the class.

MUSIC 317R - Opera Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
317R

Teaching Area
MUSIC

Course Title
Opera Ensemble

Course Description
Students will prepare for, rehearse, and perform in a theatrical operatic production. They will do so in a variety of styles and languages as a soloist and/or as a member of an opera chorus.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
Instructor approval required.

Note
Auditions for opera scenes and the winter opera are held at the beginning of Fall Semester. Productions consist of the following: an opera scenes program (Fall Semester, 2nd term), a fully produced opera (Winter Semester, 1st term), and a chamber opera (Spring Semester). Graduate students should register for 617R.

Learning Outcomes

Title
Opera Ensemble

Tags
188075, 0

Learning Outcome
Through performance opportunities before an audience, students will demonstrate a more comprehensive understanding of the basic skills taught in the Opera Workshop course (See Learning Outcomes for the respective courses; Mus 316R and 616R).

MUSIC 319R - Baroque Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
319R

Teaching Area
MUSIC

Course Title
Baroque Ensemble

Course Description
Small ensemble that specializes in the performance of early music. Learning to play an authentic baroque instrument, mastering the period style of playing, and performing alongside students and faculty members. Includes rehearsals, performances, and listening assignments. In-depth study of early music to strengthen students as performers, musicians, and soloists on baroque and modern instruments.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Audition

Note
Graduate students should register for 619R.

MUSIC 320R - BYU Studio Orchestra

Course Information

Course Number
320R

Teaching Area
MUSIC

Course Title
BYU Studio Orchestra

Course Description
Patterned after professional recording ensembles, the studio orchestra will give students the experience of participating in real world recording scenarios. Students in this exciting new ensemble with learn a variety of skills such as improved sight reading, playing in multiple genres and styles, syncing to a click track, understanding modern recording procedures and practices, and playing to picture.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Note
Graduate students should register for 620R.

Learning Outcomes

Title
Studio Experience

Learning Outcome
Students will gain valuable professional skills and experience by being a part of an ensemble that is patterned after a real recording and performing studio orchestra.

Title
Sight Reading

Learning Outcome
Students will learn how to play to a click track, and will improve their sight-reading ability significantly since the ensemble involves very little outside practice, focusing on the ability to read and record a piece of music in one or two sittings.

Title
Genres and Styles

Learning Outcome
Students will be exposed to multiple genres and styles and gain proficiency in learning to effectively use appropriate techniques associated with different musical genres.

Title
Professionalism

Learning Outcome
Students will learn studio professionalism and appropriate communication, attitudes and interaction skills by interfacing with all members of the studio orchestra and music production teams.

MUSIC 321R - University String Orchestra.

Course Information

Teaching Area (new)
MUSIC

Course Number
321R

Teaching Area
MUSIC

Course Title
University String Orchestra.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
No audition required. Does not satisfy large ensemble requirement for majors.

Learning Outcomes

Title
321R University String Orchestra

Tags
187782, 0

Learning Outcome
The University String Orchestra seeks to further the musical development of its musicians, to increase appreciation and understanding of standard works in string orchestra repertoire,and to experience the joy of making music alongside fellow non-music majors.

MUSIC 321R - University Orchestra

Course Information

Teaching Area (new)
MUSIC

Course Number
321R

Teaching Area
MUSIC

Course Title
University Orchestra

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
No audition required. Does not satisfy large ensemble requirement for majors.

Learning Outcomes

Title
321R University String Orchestra

Tags
188184, 1

Learning Outcome
The University Orchestra seeks to further the musical development of its musicians, to increase appreciation and understanding of standard works in orchestra repertoire,and to experience the joy of making music alongside fellow non-music majors.

MUSIC 322R - University Band

Course Information

Teaching Area (new)
MUSIC

Course Number
322R

Teaching Area
MUSIC

Course Title
University Band

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
No audition required. Does not satisfy large ensemble requirement for majors.

Learning Outcomes

Title
322R University Band

Tags
188083, 0

Learning Outcome
Students should be able to apply the musical principles of individual, section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend. Students should be able to demonstrate application of these principles by successfully performing college-level band repertoire in a formal concert at semester's end.

Title
Performance Proficiency

Tags
188391, 1

Learning Outcome
Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

Title
Critical Listening Skills

Tags
188392, 2

Learning Outcome
Students will develop and demonstrate critical listening skills through the performance of wind band literature.

Title
Aesthetic Sensitivity

Tags
188393, 3

Learning Outcome
Students will expand their asethetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

MUSIC 323R - Marching Band

Course Information

Teaching Area (new)
MUSIC

Course Number
323R

Teaching Area
MUSIC

Course Title
Marching Band

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Audition or director's consent

Learning Outcomes

Title
323R Marching Band

Tags
187890, 0

Learning Outcome
As learning outcomes, students should be able to apply the musical principles of individual, section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend, and correct marching execution. Students should be able to demonstrate application of these principles by successfully performing college-level marching band repertoire in rehearsal and performances.

MUSIC 324R - Cougar Band

Course Information

Teaching Area (new)
MUSIC

Course Number
324R

Teaching Area
MUSIC

Course Title
Cougar Band

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Audition or director's consent

Learning Outcomes

Title
324R Cougar Band

Tags
187719, 0

Learning Outcome
As learning outcomes, students should be able to apply the musical principles of individual, section, and ensemble musical tone production, correct notes, rhythms and dynamics, balance and blend. Students should be able to demonstrate application of these principles by successfully performing college-level pep band repertoire in rehearsals and performances.

Title
Learning Outcomes

Tags
188405, 1

Learning Outcome
Members of the ROC Bands will be able to perform selected music at basketball games in a highly efficient and musical manner and exemplify BYU and its standards in dress, decorum, and sportsmanship.

Title
Performance Proficiency

Tags
188406, 2

Learning Outcome

Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

Title
Critical Listening Skills

Tags
188407, 3

Learning Outcome

Students will develop and demonstrate critical listening skills through the performance of marching band literature.

Title
Aesthetic Sensitivity

Tags
188408, 4

Learning Outcome

Students will expand their asethetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

MUSIC 325R - Symphonic Band

Course Information

Teaching Area (new)
MUSIC

Course Number
325R

Teaching Area
MUSIC

Course Title
Symphonic Band

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Audition

Note
Graduate students should register for 625R.

Learning Outcomes

Title
Performance Proficiency

Tags
187923, 0

Learning Outcome
Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

Title
Aesthetic sensitivity

Tags
188065, 2

Learning Outcome
Students will expand their aesthetic horizons by developing an appreciation and understanding of various peoples and their cultures as expressed through music.

Title
Critical Listening Skills

Tags
188288, 1

Learning Outcome
Students will develop and demonstrate critical listening skills through the performance of wind band literature.

MUSIC 326R - Wind Symphony

Course Information

Teaching Area (new)
MUSIC

Course Number
326R

Teaching Area
MUSIC

Course Title
Wind Symphony

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Audition

Note
Graduate students should register for 626R.

Learning Outcomes

Title
Critical Listening Skills

Tags
187952, 2

Learning Outcome
Students will develop and demonstrate critical listening skills through the performance of band literature.

Title
Performance Proficiency

Tags
188064, 1

Learning Outcome
Students will expand individual confidence and performance proficiency through the medium of a large ensemble.

MUSIC 327R - Percussion Chamber Music

Course Information

Teaching Area (new)
MUSIC

Course Number
327R

Teaching Area
MUSIC

Course Title
Percussion Chamber Music

Course Description
A premier percussion chamber ensemble that seeks to connect with the percussion community. Members of the quartet learn and perform advanced percussion quartet literature, perform on campus, and seek opportunities to broaden their reach locally, regionally, and online. Members are determined by audition.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Director's consent

Note
Graduate students should register for 627R.

MUSIC 328 - Script, Movement and Score Analysis

Course Information

Teaching Area (new)
MUSIC

Course Number
328

Teaching Area
MUSIC

Course Title
Script, Movement and Score Analysis

Course Description
The integration into performance of information gathered from careful research and analysis of movement style, script and score.

Department
Music

When Taught
Fall.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
Music dance theatre BFA major status; concurrent enrollment in Dance 328 and TMA 328.

Recommended
Concurrent enrollment in Music 300, Dance 300, and TMA 300

Learning Outcomes

Title
Performance Improvement

Tags
187661, 2

Learning Outcome
Students will learn to implement into their musical theatre performance essential acting, vocal, and movement skills as outlined in the evaluation forms

Title
Professional Conduct

Tags
187811, 5

Learning Outcome
Students will approach their work in a competent, courteous and professional manner.

Title
Integration

Tags
187692, 0, 3

Learning Outcome
Students will integrate their analysis of the script, score, and movement into their performance.

MUSIC 329R - Folk Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
329R

Teaching Area
MUSIC

Course Title
Folk Ensemble

Course Description
Traditional bluegrass ensemble.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Director's consent

Note
Performs with BYU International Folk Dancers.

Learning Outcomes

Title
Folk Music Learning Outcomes

Tags
187706, 0

Learning Outcome

Folk Music students will learn to be team players as ensembles members. All Folk Music students are required to perform at least one time per semester. As students become better team players in their respective ensembles they will also learn management, leadership, and music performance, and music arranging skills. These skills will help them to proliferate music in their future lives and families.

MUSIC 330R - Steel Band

Course Information

Teaching Area (new)
MUSIC

Course Number
330R

Teaching Area
MUSIC

Course Title
Steel Band

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent

Note
Graduate students should register for 630R.

Learning Outcomes

Title
MUS 330R - Steel Band

Tags
188067, 0

Learning Outcome
Students should be exposed to music outside the Western European tradition. Most of the music performed in this ensemble includes Calypso and Soca styles from the island nation of Trinidad and Tobago. We will sometimes include a pop or classical number, but most of the time we will focus on "groove" music. This means that having a conductor will be rare and the student is expected to listen and learn how to contribute to that "groove".

MUSIC 331R - Jazz Combos

Course Information

Teaching Area (new)
MUSIC

Course Number
331R

Teaching Area
MUSIC

Course Title
Jazz Combos

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Audition.

Note
Graduate students should register for 631R.

Learning Outcomes

Title
Jazz Combos

Tags
187915, 0

Learning Outcome
Students will learn how to function in a traditional jazz combo setting, including learning head charts, standard lead sheet tunes, and arrangements. They will also further their knowledge of and experience in improvising in a typical professional performance setting in a variety of jazz styles.

MUSIC 332R - Show Band

Course Information

Teaching Area (new)
MUSIC

Course Number
332R

Teaching Area
MUSIC

Course Title
Show Band

Course Description
Contemporary and traditional show music (Young Ambassadors) and ethnic music (Living Legends). \t

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Audition.

Learning Outcomes

Title
Young Ambassador Show Band

Tags
187918, 0

Learning Outcome
The goal of the Young Ambassadors Show Band is that each member will:· Develop, improve, and hone their technique and skill on their respective instruments· Expand their talents and abilities as a performing artist· Broaden their knowledge of, and facility in performing differing styles of popular and jazz music idioms· Increase their ability to communicate, through performing, their love for and joy of music· Deepen their awareness of how their efforts, talents and abilities can touch and inspire the lives of those whom they meet, or for whom they perform, and realize more profoundly how such efforts, talents and abilities can assist the Lord in His work.

Title
Knowledge

Tags
188209, 1

Learning Outcome
Students will deepen their understanding of how music and show band are related.

MUSIC 333R - Jazz Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
333R

Teaching Area
MUSIC

Course Title
Jazz Ensemble

Course Description
Includes Jazz Ensemble (big band), Jazz Lab Band (entry-level big band), and Vocal Jazz Ensembles.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Audition.

Note
Graduate students should register for 633R.

Learning Outcomes

Title
Jazz Ensemble

Tags
187643, 1

Learning Outcome
Students will learn how to perform in a traditional big band setting. Standard and representative repertoire from the various jazz styles will be taught and explored in this course.

MUSIC 333R - Vocal Jazz Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
333R

Teaching Area
MUSIC

Course Title
Vocal Jazz Ensemble

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcome

To provide students a high quality vocal jazz experience and instruction.
To provide an environment of spiritual, academic, musical and emotional growth.
To provide opportunities to learn about jazz/music; its development, construction and expression.
To create awareness about vocal jazz history, performance, standards, styles and improvisation.
To engage artistically at the highest levels of complexity and competence.
To develop improvisation skills and performance techniques, both as a group and as soloists.
To rehearse and perfect high quality literature that will represent a wide range of jazz/contemporary/musical periods and styles.

Learning Outcomes

Title
Jazz Voices

Tags
187789, 2

Learning Outcome
Students will learn proper vocal techniques in the vocal jazz idiom and will learn how to perform music from the traditional vocal jazz repertiore.

Title
Objectives

Tags
188061, 4

MUSIC 333R - Jazz Lab Band

Course Information

Teaching Area (new)
MUSIC

Course Number
333R

Teaching Area
MUSIC

Course Title
Jazz Lab Band

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Jazz Lab Band

Tags
187849, 3

Learning Outcome
Students will learn to perform in the traditional jazz big band idiom. Music will be selected from the standard and contemporary jazz repertiore.

MUSIC 334R - Synthesis

Course Information

Teaching Area (new)
MUSIC

Course Number
334R

Teaching Area
MUSIC

Course Title
Synthesis

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Audition.

Note
Graduate students should register for 634R.

Learning Outcomes

Title
Synthesis

Tags
187840, 0

Learning Outcome
Students will learn to perform in a traditional big band setting. Music will be selected from the standard and representative repertoire of jazz styles.

MUSIC 335R - Jazz Legacy Band

Course Information

Teaching Area (new)
MUSIC

Course Number
335R

Teaching Area
MUSIC

Course Title
Jazz Legacy Band

Course Description
Traditional ensemble specializing in early jazz. Band occasionally tours off campus.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Audition.

Note
Graduate students should register for 635R.

Learning Outcomes

Title
Performance Routines

Tags
187667, 2

Learning Outcome
Students will play typical introductions, endings, solo backgrounds, texture routines characteristic of traditional jazz styles

Title
Improvisation

Tags
187845, 1

Learning Outcome
Each student will improvise solos in the style of the early jazz masters who play his or her instrument.

Title
Style

Tags
188000, 0

Learning Outcome
Students will perform traditional jazz, improvising within the traditional jazz tutti texture. Each student will demonstrate the roll of his or her instrument within the context of traditional jazz.

Title
25 Standard "Dixieland" tunes

Tags
188068, 3

Learning Outcome
Students will demonstrate the ability to play 25 "Dixieland Standards." These are among the most commonly performed tunes that are played by professional "Dixieland" bands at casual performance engagements (gigs). Standard tunes:

Avalon
Basin Street Blues
Big Butter and Egg Man
Black and Blue
Bourbon Street Parade
Do You Know What it Means
High Society
I Can't Give You Anything But Love
I Found A New Baby
Indiana (Back Home Again in)
Ja Da
Just A Closer Walk With Thee
Muskrat Ramble
Royal Garden Blues
St. James Infirmary
St. Louis Blues
Struttin' With Some Barbecue
Sweet Georgia Brown
That's A Plenty
Tin Roof Blues
Twelfth Street Rag
Up a Lazy River
When the Saints Go Marching In
When You're Smiling
Won't You Come Home Bill Bailey

MUSIC 336R - Balinese Gamelan

Course Information

Teaching Area (new)
MUSIC

Course Number
336R

Teaching Area
MUSIC

Course Title
Balinese Gamelan

Course Description
Playing and performing on the Balinese gamelan (percussion) instruments.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Graduate students should register for 636R.

Learning Outcomes

Title
Mental and Technical Skill

Tags
188015, 1

Learning Outcome
Students participating in Gamelan will learn the mental and technical skills required to memorize and perform works from the traditional Balinese gamelan repertoire, including becoming proficient on one or more of the instruments in the ensemble.

Title
Social and Religious Culture

Tags
188016, 2

Learning Outcome
Students will also use music as a window into the relationship between Balinese musical practice and Balinese social and religious culture, and, more broadly, develop a deep appreciation for this music's profound contribution to the life experience.

Title
Interconnected Global Society

Tags
188017, 3

Learning Outcome
In the spirit of BYU's global mission and the breadth of educational experience advocated in BYU's guiding documents, successful students in gamelan will develop a greater understanding of and respect for music and traditions outside of their native experience. This respect will better prepare them to represent BYU and the Church in an increasingly interconnected global society.

MUSIC 337R - Symphony Orchestra

Course Information

Teaching Area (new)
MUSIC

Course Number
337R

Teaching Area
MUSIC

Course Title
Symphony Orchestra

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Audition.

Note
Graduate students should register for 637R.

Learning Outcomes

Title
Performance

Tags
188069, 0

Learning Outcome
Students will enhance their performance proficiency through large ensemble playing.

MUSIC 338R - Philharmonic Orchestra

Course Information

Teaching Area (new)
MUSIC

Course Number
338R

Teaching Area
MUSIC

Course Title
Philharmonic Orchestra

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Audition.

Note
Graduate students should register for 638R.

Learning Outcomes

Title
338R Philharmonic Orchestra

Tags
187893, 0

Learning Outcome
The BYU Philharmonic seeks to discover the truth imbedded in the greatest works for symphony orchestra through study, preparation, and performance, both for its own musicians and for audiences who hear them.

MUSIC 339R - Chamber Orchestra

Course Information

Teaching Area (new)
MUSIC

Course Number
339R

Teaching Area
MUSIC

Course Title
Chamber Orchestra

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Audition.

Note
Graduate students should register for 639R.

Learning Outcomes

Title
339R Chamber Orchestra

Tags
187992, 0

MUSIC 340R - Harp Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
340R

Teaching Area
MUSIC

Course Title
Harp Ensemble

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Director's consent

Learning Outcomes

Title
Harp Ensemble

Tags
187625, 0

Learning Outcome
The expected outcomes of this course are improved ensemble playing and arranging skills, and an expanded ensemble repertoire for each student

MUSIC 341R - Brass Chamber Music

Course Information

Teaching Area (new)
MUSIC

Course Number
341R

Teaching Area
MUSIC

Course Title
Brass Chamber Music

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
director's consent.

Note
Graduate students should register for 641R.

Learning Outcomes

Title
Ensemble Performance

Tags
187788, 1

Learning Outcome
Students will demonstrate the ability to perform standard chamber ensemble music at an appropriate artistic level for their year of study.

MUSIC 341R - Brass Choir

Course Information

Teaching Area (new)
MUSIC

Course Number
341R

Teaching Area
MUSIC

Course Title
Brass Choir

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent

Learning Outcomes

Title
Ensemble Performance

Tags
188186, 1

Learning Outcome
Students will demonstrate the ability to perform standard brass choir music at an appropriate artistic level for their year of study.

MUSIC 341R - Trombone Choir

Course Information

Teaching Area (new)
MUSIC

Course Number
341R

Teaching Area
MUSIC

Course Title
Trombone Choir

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Ensemble Performance

Tags
188187, 1

Learning Outcome
Students will demonstrate the ability to perform standard trombone choir music at an appropriate artistic level for their year of study.

MUSIC 341R - Brass Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
341R

Teaching Area
MUSIC

Course Title
Brass Ensemble

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Ensemble Performance

Tags
188185, 1

Learning Outcome
Students will demonstrate the ability to perform standard brass ensemble music at an appropriate artistic level for their year of study.

MUSIC 343R - Guitar Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
343R

Teaching Area
MUSIC

Course Title
Guitar Ensemble

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent

Note
Graduate students should register for 643R.

Learning Outcomes

Title
Guitar Ensemble

Tags
187906, 0

Learning Outcome
Students will gain ensemble experience with other guitarists, develop better sight-reading skills, and perform in a formal setting during the semester.

MUSIC 344R - Musical Theater Accompaniment

Course Information

Teaching Area (new)
MUSIC

Course Number
344R

Teaching Area
MUSIC

Course Title
Musical Theater Accompaniment

Course Description
Accompanying in the style of Musical Theater

Department
Music

When Taught
Winter Odd Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 360R, Music 460R, or instructor's consent.

MUSIC 344R - Keyboard in Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
344R

Teaching Area
MUSIC

Course Title
Keyboard in Ensemble

Course Description
Accompanying and ensemble performance.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Music 260R or instructor's consent

Note
Graduate students should register for 644R.

Learning Outcomes

Title
Ensemble Playing

Tags
188019, 0

Learning Outcome
Skills to Develop in 344r:
1. Understand how to best balance their playing with another instrument and comprehend how that balance evolves to meet the needs of different instruments.
2. Understand how to communicate musical ideas through body language.
3. Develop musical "ESP". This is achieved when a pianist works with the same person over a long period of time, and develops better sensitivity. The pianist and soloist can sense changes in tempi, phrasing, and dynamics through concentrated listening, needing almost no visual contact.
4. Understand the subtext of the score.
5. Develop a genuine appreciation for the art of the accompanist.

MUSIC 345R - Percussion Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
345R

Teaching Area
MUSIC

Course Title
Percussion Ensemble

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent

Note
Graduate students should register for 645R.

Learning Outcome
To expose students to the music written for percussion ensemble, to help students develop technique(s) on a myriad of instruments while contributing musically, and to present musical situations with and without a conductor. The percussion parts in a percussion ensemble differ drastically from those found in traditional orchestral and band percussion scores in that most performers must be not only rhythmically proficient, but melodically, harmonically and texturally expressive.

Learning Outcomes

Title
MUS 345R - Percussion Ensemble

Tags
187979, 0

MUSIC 346R - String Chamber Music

Course Information

Teaching Area (new)
MUSIC

Course Number
346R

Teaching Area
MUSIC

Course Title
String Chamber Music

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Instructor's consent.

Note
Graduate students should register for 646R.

Learning Outcomes

Title
String Chamber Music

Tags
188320, 0

Learning Outcome
There are four main areas of student outcomes important for this course: the building of repertoire, experience performing, exploring the enormous variety of timbre and color in the chamber music setting, and artistically improving how to communicate musically with performing colleagues, as well as the audience.

MUSIC 347R - A Cappella Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
347R

Teaching Area
MUSIC

Course Title
A Cappella Ensemble

Course Description
For Noteworthy and Vocal Point.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Vocal Point

Tags
188267, 1

Learning Outcome
The desired outcome of vocal point is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through the medium of male a cappella choral music.

Title
Ensemble Performance

Tags
188268, 2

Learning Outcome
The desired outcome of A Cappella Ensemble is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through a cappella ensemble music.

Title
Vocal Point

Tags
187869, 0

Learning Outcome
The desired outcome of vocal point is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through the medium of male a cappella choral music.

Title
Ensemble Performance

Tags
188188, 1

Learning Outcome
The desired outcome of A Cappella Ensemble is to represent the School of Music and BYU to the World with a high degree of artistry and capturing the personality of our campus, through a cappella ensemble music.

MUSIC 348R - Woodwind Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
348R

Teaching Area
MUSIC

Course Title
Woodwind Ensemble

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Ensemble Performance

Tags
188265, 1

Learning Outcome
--students will rehearse and perform woodwind ensemble music
--depending on the music chosen, students will learn varying styles from the woodwind chamber repertory
--Students will demonstrate critical listening skills within the context of a chamber music ensemble.

MUSIC 348R - Woodwind Chamber Music

Course Information

Teaching Area (new)
MUSIC

Course Number
348R

Teaching Area
MUSIC

Course Title
Woodwind Chamber Music

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent

Note
Graduate students should register for 648R.

Learning Outcomes

Title
Performance

Tags
209940, 0, 1

Learning Outcome
--students will rehearse and perform woodwind chamber music
--depending on the music chosen, students will learn varying styles from the woodwind chamber repertory
--Students will demonstrate critical listening skills within the context of a chamber music ensemble.

MUSIC 348R - Saxophone Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
348R

Teaching Area
MUSIC

Course Title
Saxophone Ensemble

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Ensemble Performance

Tags
188266, 1

Learning Outcome
--Students will rehearse and perform saxophone ensemble music
--Depending on the music chosen, students will learn varying styles from the woodwind chamber repertory
--Students will demonstrate critical listening skills within the context of a chamber music ensemble.

MUSIC 348R - Flute Choir

Course Information

Teaching Area (new)
MUSIC

Course Number
348R

Teaching Area
MUSIC

Course Title
Flute Choir

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Director's consent.

Learning Outcomes

Title
Performance

Tags
188022, 0

Learning Outcome
Students will demonstrate performance proficiency on their instrument within the context of woodwind chamber music.

MUSIC 349 - Junior Recital

Course Information

Teaching Area (new)
MUSIC

Course Number
349

Teaching Area
MUSIC

Course Title
Junior Recital

Course Description
Junior-level recital.

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
0

Fixed/Max:
0

Other Prerequisites
Concurrent enrollment in Music 360R or 460R and instructor's consent. Prerecital hearing required at least three weeks before juried recitals.

Fee
Semester: $158; Term: $80

Note
NOTE: Fee. NOTE: Students must register for recital before it can be scheduled. Contact studio instructor for details.

Learning Outcomes

Title
Full Recital

Tags
187671, 0

Learning Outcome
Students will perform a full recital of repertory, artistically appropriate to the year of study.

MUSIC 351 - Audio Applications 1.

Course Information

Teaching Area (new)
MUSIC

Course Number
351

Teaching Area
MUSIC

Course Title
Audio Applications 1.

Course Description
Advanced concepts in digital sound editing.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 257 - Recording Studio 2

Learning Outcomes

Title
Practical Hands-On Experience

Tags
187768, 1

Learning Outcome
This course focuses on experimentation in an audio workstation. Each student will have a workstation available to them in the classroom. This hands-on experience allows the students to follow demonstrations and accomplish tasks on their own workstation. They will be given several projects to accomplish on their own as well.

Title
Audio Production

Tags
187841, 2

Learning Outcome
Students will achieve an intermediate-level of proficiency in digital audio editing and recording techniques.

Title
Audio Technology

Tags
187921, 0

Learning Outcome
Students will become familiar with basic audio workstations; particularly the use of ProTools. Basic editing and recording principles using a workstation are taught, including, importing of files, editing, signal processing, and recording.

MUSIC 352 - Audio Applications 2.

Course Information

Teaching Area (new)
MUSIC

Course Number
352

Teaching Area
MUSIC

Course Title
Audio Applications 2.

Course Description
Advanced concepts in digital sound editing.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 257 - Recording Studio 2

Learning Outcomes

Title
Editing

Tags
187632, 2

Learning Outcome
Students will achieve advanced proficiency in digital audio editing and recording techniques.

Title
Practical Hands on Experience

Tags
187752, 1

Learning Outcome
This course focuses on advanced use of an audio workstation. Each student will have a workstation available to them in the classroom. This hands-on experience allows the students to follow demonstrations and accomplish tasks on their own workstation. They will be given several projects to accomplish on their own as well.

Title
Audio Technology

Tags
187828, 0

Learning Outcome
Students will use basic audio workstations; and particularly ProTools to perform advanced editing. Audio workstation are used to import files, edit, and produce recordings.

MUSIC 355R - Recording Workshop

Course Information

Teaching Area (new)
MUSIC

Course Number
355R

Teaching Area
MUSIC

Course Title
Recording Workshop

Course Description
Studio projects in multitrack recording for records, broadcast, film, and television.

Department
Music

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 257 - Recording Studio 2

Learning Outcomes

Tags
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MUSIC 359R - Performance Study

Course Information

Teaching Area (new)
MUSIC

Course Number
359R

Teaching Area
MUSIC

Course Title
Performance Study

Course Description
Private instruction and studio class requiring from one to four hours of daily practice.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; completion of degree requirements in 260R, 360R, and 460R; instructor's consent.

Fee
Semester: 560; Term: 280

Note
Fee.

Learning Outcomes

Title
Performance Study

Tags
187694, 0

Learning Outcome
By preparing for and attending weekly lessons, students will develop their technique, improve their tonal concepts and strengthen their interpretive skills.

MUSIC 360R - Performance Instruction: Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Violin

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188138, 1

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

MUSIC 360R - Performance Instruction: Clarinet

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Clarinet

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188147, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: String Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: String Bass

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188161, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Trombone

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trombone

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188131, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Classical Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Classical Voice

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
MUSIC 194 & MUSIC 196 & MUSIC 198. Music major status; jury approval. Concurrent enrollment in Music 362R: Diction Lab in Fall and Winter semesters.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 360R - Performance Instruction: Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Viola

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188140, 1

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

MUSIC 360R - Performance Instruction: Conducting

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Conducting

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188159, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Guitar

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Guitar

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188162, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Euphonium

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Euphonium

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
MDT Major status; Jury approval

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188152, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Saxophone

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Saxophone

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188150, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
MUSIC 194 & MUSIC 196 & MUSIC 198; Music major status; jury approval.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
MUS 360R

Tags
187663, 2

Learning Outcome
Students will learn how to improve their technical facility and artistic expression in their chosen area of musical study.

MUSIC360R - Performance Instruction: Jazz Piano

Course Information

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Jazz Piano

Course Description
Private instruction.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval.

Fee
Semester: 560; Term: 280

Note
From one to three hours of daily practice. Fee.

Learning Outcomes

Title
Performance

Learning Outcome
Students will demonstrate the ability to perform standard jazz repertoire with stylistically appropriate voicings, creative improvisations, and solid foundational comping techniques.

MUSIC 360R - Performance Instruction: Trumpet

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trumpet

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188193, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Piano

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188135, 2

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

Title
Solo Performance

Tags
188381, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study. They must also show the ability to independently prepare a complete solo work for adjudication.

MUSIC 360R - Performance Instruction: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Percussion

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188134, 1

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

Title
Solo Performance

Tags
188198, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Horn

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Horn

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
MUSIC 194 & MUSIC 196 & MUSIC 198; Music major status; jury approval.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188194, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Contemporary Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Contemporary Voice

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Three semesters of 260R

Earn at least 6 credits from the following:

- MUSIC 260R - Performance Instruction: Contemporary Voice

Other Prerequisites
Instructor approval.

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

MUSIC 360R - Performance Instruction: Harpsichord

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harpsichord

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188133, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

Title
Solo Performance

Tags
188196, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Flute

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Flute

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188143, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Organ

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
187983, 3

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

Title
Solo Performance

Tags
188197, 4

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Music Technology Studio

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Music Technology Studio

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval.

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

MUSIC 360R - Performance Instruction: Oboe

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Oboe

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188145, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Bassoon

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Bassoon

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188148, 1

Learning Outcome
Students will develop communication skills as they encourage one another in a spirit of love and support.

MUSIC 360R - Performance Instruction: Tuba

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Tuba

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 560; Term: 280

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188132, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

Title
Solo Performance

Tags
188195, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 360R - Performance Instruction: Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harp

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music major status; jury approval

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

Learning Outcomes

Title
Performance and Repertoire

Tags
188141, 1

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

Title
Solo Performance

Tags
188199, 2

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 360R - Performance Instruction: Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
360R

Teaching Area
MUSIC

Course Title
Performance Instruction: Cello

Course Description
Private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2

AND MUSIC 196 - Music Theory 2
AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 260R - Performance Instruction: Percussion

Other Prerequisites
Music major status; jury approval

Fee
Semester: 544; Term: 272

Note
From one to four hours of daily practice. Fee.

MUSIC 362R - Diction Lab 2

Course Information

Teaching Area (new)
MUSIC

Course Number
362R

Teaching Area
MUSIC

Course Title
Diction Lab 2

Course Description
Continuation of the study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Note
Continuation of the study of diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

MUSIC 362R - Diction Lab 2: English

Course Information

Teaching Area (new)
MUSIC

Course Number
362R

Teaching Area
MUSIC

Course Title
Diction Lab 2: English

Course Description
Continuation of the study of English diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Concurrent enrollment in Music 360R: Classical Voice.

MUSIC 362R - Diction Lab 2: French

Course Information

Teaching Area (new)
MUSIC

Course Number
362R

Teaching Area
MUSIC

Course Title
Diction Lab 2: French

Course Description
Continuation of the study of French diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 362R - Diction Lab 2: Italian

Course Information

Teaching Area (new)
MUSIC

Course Number
362R

Teaching Area
MUSIC

Course Title
Diction Lab 2: Italian

Course Description
Continuation of the study of Italian diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 362R - Diction Lab 2: German

Course Information

Teaching Area (new)
MUSIC

Course Number
362R

Teaching Area
MUSIC

Course Title
Diction Lab 2: German

Course Description
Continuation of the study of German diction for students in the voice area. Focus on IPA, pronunciation, and musical styles.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

MUSIC 363 - Vocal Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
363

Teaching Area
MUSIC

Course Title
Vocal Pedagogy

Course Description
Introduction to physiology, acoustics, and pedagogy of singing.

Department
Music

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Junior standing as vocal performance or choral music education major or instructor's consent.

Learning Outcomes

Title
Human Voice Physiology and Biomechanics

Tags
187600, 1

Learning Outcome
Students will learn the physiology and biomechanics of the human voice.

Title
Acoustical Laws

Tags
187895, 2

Learning Outcome
Students will learn the acoustical laws which govern sound as applied to the human voice.

Title
Pedagogical Approaches

Tags
187730, 0, 3

Learning Outcome
Students will learn pedagogical approaches to teaching voice which conform to physical and acoustical principles.

MUSIC 364 - Keyboard Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
364

Teaching Area
MUSIC

Course Title
Keyboard Pedagogy

Course Description
Basic pedagogical principles as applied to keyboard instruments.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 249 - Sophomore Recital

Other Prerequisites
Junior standing and successful completion of Music 249.

Learning Outcomes

Title
Professional Preparation

Tags
187633, 2

Learning Outcome
Through reading about successful methods and teachers, and listening to lectures the students will gain the necessary background for becoming good teachers and beginning a career as a professional teacher in their own established studio.

Title
Private Teaching Techniques

Tags
187817, 1

Learning Outcome
The objective of this course is to provide a foundation for teaching private piano to students, to increase the students' ability to utilize the various piano courses and techniques that will help provide basic skills for the art.

MUSIC 365 - Piano Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
365

Teaching Area
MUSIC

Course Title
Piano Pedagogy

Course Description
Preparation for supervised private or group teaching.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 364 - Keyboard Pedagogy

Learning Outcomes

Title
Private Piano Teaching Skills

Tags
187750, 1

Learning Outcome
As a continuation of Music 364, the objective of this course is to provide a foundation for teaching private piano to students, to increase the students' ability to utilize the various piano courses and techniques that will help provide basic skills for the art.

Title
Professional Preparation

Tags
187978, 2

Learning Outcome
As a continuation of Music 364, through reading about successful methods and teachers, and listening to lectures the students will gain the necessary background for becoming good teachers and beginning a career as a professional teacher in their own established studio.

MUSIC 366 - Organ Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
366

Teaching Area
MUSIC

Course Title
Organ Pedagogy

Course Description
Preparation for supervised private or group teaching.

Department
Music

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Teaching Techniques

Tags
187981, 1

Learning Outcome
Learn teaching techniques from prominent music teachers (including organ teachers) both in and out of the local area.

MUSIC 367 - Woodwind Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
367

Teaching Area
MUSIC

Course Title
Woodwind Pedagogy

Department
Music

When Taught
Fall Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Woodwind performance major status or instructor's consent

Learning Outcomes

Title
Effective Private Teaching

Tags
187640, 1

Learning Outcome
Students will gain the knowledge and skill necessary to become en effective private teacher on their chosen instrument.

Title
Woodwind Pedagogy

Tags
187646, 2

Learning Outcome
Students will demonstrate a knowledge of woodwind pedagogy, especially as it applies to their chosen instrument.

MUSIC 368 - Brass Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
368

Teaching Area
MUSIC

Course Title
Brass Pedagogy

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Brass performance major status or instructor's consent

Learning Outcomes

Title
Brass Pedagogy Fundamentals

Tags
187355, 1

Learning Outcome
Students will demonstrate an understanding of the fundamentals of brass pedagogy.

Title
Performance Traditions

Tags
187626, 3

Learning Outcome
Students will demonstrate a working knowledge of brass performance traditions, including recordings, style, and legacy of significant brass performers.

Title
Professional Preparation

Tags
187941, 0

Learning Outcome
Students will demonstrate a knowledge of the necessary background for becoming good private teachers and beginning a career as a professional teacher in their own established studios.

MUSIC 369A - String Pedagogy: Violin and Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
369A

Teaching Area
MUSIC

Course Title
String Pedagogy: Violin and Viola

Course Description
String pedagogy techniques for violin and viola, with a focus on teaching students of varying levels and organizing a private studio.

Department
Music

When Taught
Fall Even Years

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instrumental music major on violin or viola, or instructor's consent.

Learning Outcomes

Title
Studio Teaching

Tags
214131, 0, 1, 2023-08-29 11:19:20

Learning Outcome
Students will acquire the skills necessary to organize and maintain a successful private studio.

Title
String Pedagogy

Tags
214132, 0, 2, 2023-08-29 11:19:21

Learning Outcome
Students will increase their pedagogical knowledge and practical skills as a teacher on their instrument.

MUSIC 369B - String Pedagogy: Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
369B

Teaching Area
MUSIC

Course Title
String Pedagogy: Bass

Course Description
String pedagogy techniques for bass, with a focus on teaching students of varying levels and organizing a private studio.

Department
Music

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instrumental music major on double bass, or instructor's consent.

Learning Outcomes

Title
Bass Pedagogy

Tags
214133, 0, 1, 2023-08-29 11:19:24

Learning Outcome
At the end of this course, students will understand the mechanics of the instrument, know more about its history and evolution, and be able to clearly communicate such knowledge.

Title
Studio Teaching

Tags
214134, 0, 2, 2023-08-29 11:19:28

Learning Outcome
Students will acquire the skills necessary to organize and maintain a successful private studio.

MUSIC 369C - String Pedagogy: Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
369C

Teaching Area
MUSIC

Course Title
String Pedagogy: Cello

Course Description
String pedagogy techniques for cello, with a focus on teaching students of varying levels and organizing a private studio.

Department
Music

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instrumental music major on cello or instructor's consent.

Learning Outcomes

Title
Cello Pedagogy

Tags
214135, 0, 1, 2023-08-29 11:19:33

Learning Outcome
Students will learn to teach all levels of playing by studying principles of movement and different schools of cello playing and methods.

Title
Studio Teaching

Tags
214136, 0, 2, 2023-08-29 11:19:35

Learning Outcome
Students will learn the music business side of running a private studio.

MUSIC 369D - String Pedagogy: Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
369D

Teaching Area
MUSIC

Course Title
String Pedagogy: Harp

Course Description
String pedagogy techniques for harp, with a focus on teaching students of varying levels and organizing a private studio.

Department
Music

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instrumental music major on harp or instructor's consent.

Learning Outcomes

Title
Harp Pedagogy

Tags
214137, 0, 1, 2023-08-29 11:19:39

Learning Outcome
Students will demonstrate an understanding of methods of pedagogy related to teaching harp.

Title
Studio Teaching

Tags
214138, 0, 2, 2023-08-29 11:19:43

Learning Outcome
Students will demonstrate an understanding of personal teaching philosophies, lesson plans, and other skills related to setting up a private studio.

MUSIC 369E - String Pedagogy: Guitar

Course Information

Teaching Area (new)
MUSIC

Course Number
369E

Teaching Area
MUSIC

Course Title
String Pedagogy: Guitar

Course Description
String pedagogy techniques for guitar, with a focus on teaching students of varying levels and organizing a private studio.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instrumental music major on guitar or instructor's consent.

Learning Outcomes

Title
Guitar Pedagogy

Tags
214139, 0, 1, 2023-08-29 11:19:46

Learning Outcome
Students will gain experience instructing students at the beginning and intermediate levels, gain a deeper knowledge of classical guitar and jazz guitar techniques, and analyze various guitar methods and approaches.

Title
Studio Teaching

Tags
214140, 0, 2, 2023-08-29 11:19:48

Learning Outcome
Students will acquire the skills necessary to organize and maintain a successful private studio.

MUSIC 370 - Musical Theater Pedagogy and Vocal Technique

Course Information

Course Number
370

Teaching Area
MUSIC

Course Title
Musical Theater Pedagogy and Vocal Technique

Course Description
Introductory course preparing students to teach musical theater skills and techniques in a public school setting.

Department
Music

When Taught
Contact Department

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Vocal Technique

Tags
214141, 0, 1, 2023-08-29 11:19:50

Learning Outcome
Students will demonstrate knowledge of healthy vocal technique for musical theatre (both classical and contemporary).

Title
Pedagogical Practice

Tags
214142, 0, 2, 2023-08-29 11:19:52

Learning Outcome
Students will demonstrate understanding of sound pedagogical practices in a musical theater setting.

Title
Vocal Coaching and Directing

Tags
214143, 0, 3, 2023-08-29 11:19:54

Learning Outcome
Students will develop skills and strategies for vocal coaching and directing in the context of a school musical theater production.

MUSIC 378 - Music for the Elementary Classroom Teacher

Course Information

Teaching Area (new)
MUSIC

Course Number
378

Teaching Area
MUSIC

Course Title
Music for the Elementary Classroom Teacher

Course Description
Establishing a classroom environment for musical development; emphasis on appropriate songs, activities, resources, and teaching strategies.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
MUSIC 378 - Mu Elem Clsrm Tch

Tags
187963, 0

Learning Outcome
Students will acquire personal musicianship skills applied to knowledge of age-appropriate musical activities, materials and delivery techniques for grades K–6.

MUSIC 379 - Pre-Student Teaching

Course Information

Teaching Area (new)
MUSIC

Course Number
379

Teaching Area
MUSIC

Course Title
Pre-Student Teaching

Course Description
Analyzing education practice and relationship between theories and research on music education and the practice of teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

OR

Prerequisites

Complete ALL of the following Courses:

- MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

Other Prerequisites
C or higher in all major courses.

Learning Outcomes

Title
Student Teaching Readiness

Tags
187757, 1

Learning Outcome
Students will demonstrate a readiness to assume the responsibilities of student teaching in general, choral, or instrumental music through successfully completing a semester-long, part-time field experience in a suitable public school music classroom setting.

MUSIC 380A - Techniques for Instrumental Music Educators: Voice

Course Information

Course Number
380A

Teaching Area
MUSIC

Course Title
Techniques for Instrumental Music Educators: Voice

Course Description
Introductory course on vocal skills and technique with a focus on how to teach vocalists in a group setting.

Department
Music

When Taught
Contact Department

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Anatomy

Tags
214168, 0, 1, 2023-08-29 11:22:04

Learning Outcome
Students will demonstrate knowledge of basic anatomy and function of the voice.

Title
Vocal Skills

Tags
214169, 0, 2, 2023-08-29 11:22:06

Learning Outcome
Students will develop their own vocal skills.

Title
Diagnosis

Tags
214170, 0, 3, 2023-08-29 11:22:07

Learning Outcome
Students will be able to diagnose and prescribe solutions to common voice issues.

Title
Leadership

Tags
214171, 0, 4, 2023-08-29 11:22:09

Learning Outcome
Students will be able to lead both group and individual coaching sessions.

MUSIC 380B - Techniques for Music Educators: Brass

Course Information

Teaching Area (new)
MUSIC

Course Number
380B

Teaching Area
MUSIC

Course Title
Techniques for Music Educators: Brass

Course Description
Learning to play and to teach brass instruments; survey of instructional materials.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Performance Skills

Tags
214172, 0, 1, 2023-08-29 11:22:12

Learning Outcome
Students will demonstrate fundamental performance skills and technique on trumpet, french horn, trombone, euphonium, and tuba including: correct embouchure, proper hand positions and slide manipulation, ability to breath properly without disturbing the mouthpiece position, appropriate tonguing (sustained and detached sound, double and triple tonguing).

Title
Teaching Skills

Tags
214173, 0, 2, 2023-08-29 11:22:14

Learning Outcome
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skillsand technique on trumpet, french horn, trombone, euphonium, and tuba.

Title
Instrument/Performance Mechanics

Tags
214174, 0, 3, 2023-08-29 11:22:15

Learning Outcome
Students will demonstrate understanding of: the simple physics of the overtone series and how it applies to brass instruments; the basics of mouthpiece construction and how it affects performance; three different ways to produce vibrato on brass instruments; various transpositions needed by an orchestral brass player; mutes and what effect they have on performance and intonation.

Title
Awareness of Pedagogy

Tags
214175, 0, 4, 2023-08-29 11:22:16

Learning Outcome
Students will demonstrate: a basic knowledge of the history of brass instruments; how electronic accompaniments can be used as a teaching tool; an awareness of graded brass literature; recognition of the most commonly played brass solos.

MUSIC 380C - Techniques for Music Educators: Clarinet, Flute, Saxophone

Course Information

Teaching Area (new)
MUSIC

Course Number
380C

Teaching Area
MUSIC

Course Title
Techniques for Music Educators: Clarinet, Flute, Saxophone

Course Description
Learning to play and to teach woodwind instruments; survey of instructional materials; emphasis on clarinet, flute, and saxophone.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Performance Skills

Tags
214176, 0, 1, 2023-08-29 11:22:18

Learning Outcome
Students will demonstrate fundamental performance skills and technique on clarinet, flute, and saxophone.

Title
Teaching Skills

Tags
214177, 0, 2, 2023-08-29 11:22:19

Learning Outcome
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skills and technique on clarinet, flute, and saxophone, and will identify a variety of woodwind teaching resources.

Title
Awareness of Pedagogy

Tags
214178, 0, 3, 2023-08-29 11:22:22

Learning Outcome
Students will demonstrate familiarity with selected woodwind pedagogues and their contributions.

MUSIC 380D - Techniques for Music Educators: Bassoon, Oboe

Course Information

Teaching Area (new)
MUSIC

Course Number
380D

Teaching Area
MUSIC

Course Title
Techniques for Music Educators: Bassoon, Oboe

Course Description
Continuation of Music 380C. Emphasis on oboe and bassoon.

Department
Music

When Taught
Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Performance Skills

Tags
214179, 0, 1, 2023-08-29 11:22:23

Learning Outcome
Students will demonstrate fundamental performance skills and technique on oboe and bassoon.

Title
Teaching Skills

Tags
214180, 0, 2, 2023-08-29 11:22:25

Learning Outcome
Students will effectively sequence and demonstrate appropriate strategies for instructing fundamental performance skills and technique on oboe and bassoon, and will identify a variety of woodwind teaching resources.

Title
Awareness of Pedagogy

Tags
214181, 0, 3, 2023-08-29 11:22:27

Learning Outcome
Students will demonstrate familiarity with selected woodwind pedagogues and their contributions.

MUSIC 380E - Techniques for Choral Music Educators: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
380E

Teaching Area
MUSIC

Course Title
Techniques for Choral Music Educators: Percussion

Department
Music

When Taught
Winter Even Years

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 196 - Music Theory 2
- MUSIC 198 - Sight Singing 2

Learning Outcomes

Title
Choral Percussion

Tags
214182, 0, 1, 2023-08-29 11:22:29

Learning Outcome
To prepare you to teach basic percussion skills at the public school level to both instrumental students and choral students as well as to help you reach a high level of performance ability with regards to rhythm, counting, and exposure to a variety of percussion instruments. Additional objectives are to develop your abilities in writing/arranging percussion parts for choral works and becoming more familiar with choral repertory that utilizes percussion. Since this is a one semester course, please try to immerse yourself in percussion related activities by attending recitals and concerts where percussion is utilized.

Title
Performance Skills

Tags
214183, 0, 2, 2023-08-29 11:22:31

Learning Outcome
Students will demonstrate: an understanding of fundamental performance techniques for musical instruments common to the percussion family; rudimentary technique on many of the instruments labeled percussion, concentrating on those that are most common to today's elementary and high school literature.

Title
Teaching Skills

Tags
214184, 0, 3, 2023-08-29 11:22:33

Learning Outcome
Students will demonstrate ability to teach beginning percussion students at the elementary or secondary school levels and to continue to provide them with an accepted, organized approach to learning and developing percussion techniques and skills.

Title
Awareness of Pedagogy

Tags
214185, 0, 4, 2023-08-29 11:22:34

Learning Outcome
Students will demonstrate familiarity with the history of each major instrument found in the percussion family, their acoustical properties and methods of sound production, and the idiosyncrasies of percussion music notation.

MUSIC 380F - Techniques for Instrumental Music Educators: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
380F

Teaching Area
MUSIC

Course Title
Techniques for Instrumental Music Educators: Percussion

Course Description
Learning to play and to teach percussion instruments with a focus on instrumental ensembles; survey of instructional materials.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2
- MUSIC 198 - Sight Singing 2

Other Prerequisites
Music 196, 198.

Learning Outcomes

Title
Performance Skills

Tags
214186, 0, 1, 2023-08-29 11:22:36

Learning Outcome
Students will demonstrate: an understanding of fundamental performance techniques for musical instruments common to the percussion family; rudimentary technique on many of the instruments labeled percussion, concentrating on those that are most common to today's elementary and high school band and orchestra literature.

Title
Teaching Skills

Tags
214187, 0, 2, 2023-08-29 11:22:37

Learning Outcome
Students will demonstrate ability to teach beginning percussion students at the elementary or secondary school levels and to continue to provide them with an accepted, organized approach to learning and developing percussion techniques and skills.

Title
Awareness of Pedagogy

Tags
214188, 0, 3, 2023-08-29 11:22:40

Learning Outcome
Students will demonstrate familiarity with the history of each major instrument found in the percussion family, their acoustical properties and methods of sound production, and the idiosyncrasies of percussion music notation.

MUSIC 380G - Techniques for Music Educators: Guitar

Course Information

Course Number
380G

Teaching Area
MUSIC

Course Title
Techniques for Music Educators: Guitar

Course Description
An introductory course on guitar skills and technique with a focus on teaching guitar in a school setting.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Performance

Tags
214189, 0, 1, 2023-08-29 11:22:42

Learning Outcome
Students will be able to play on the guitar music of varied styles, genre, and cultures.

Title
Pedagogy

Tags
214190, 0, 2, 2023-08-29 11:22:44

Learning Outcome
Students will develop the pedagogical content knowledge to teach guitar in a school setting.

MUSIC 380H - Techniques for Music Educators: Orchestral Strings

Course Information

Teaching Area (new)
MUSIC

Course Number
380H

Teaching Area
MUSIC

Course Title
Techniques for Music Educators: Orchestral Strings

Course Description
Learning to play and teach string instruments; survey of instructional materials, emphasis on violin and viola.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Performing on a Stringed Instrument

Tags
214191, 0, 1, 2023-08-29 11:22:45

Learning Outcome
Demonstrate the ability to play with expression simple tunes, with proper playing position, tone quality, intonation, and rhythmic accuracy on all four orchestral instruments.

Title
String Skills and Techniques

Tags
214192, 0, 2, 2023-08-29 11:22:48

Learning Outcome
Demonstrate ability to identify skills and techniques common to all string instruments.

Title
Effective Sequencing and Instruction

Tags
214193, 0, 3, 2023-08-29 11:22:49

Learning Outcome
Demonstrate ability to effectively sequence and instruct these fundamental skills.

Title
Diagnosing Technical and Aural Problems

Tags
214194, 0, 4, 2023-08-29 11:22:51

Learning Outcome
Demonstrate ability to diagnose technical problems and propose remedial strategies. This includes developing and improving the necessary aural skills needed for effective string teaching.

Title
The Role of String Instruction

Tags
214195, 0, 5, 2023-08-29 11:22:52

Learning Outcome
Demonstrate an enthusiasm for and understanding of the role of orchestra/string instruction in the K-12 school music curriculum as a means of realizing a comprehensive music education.

Title
Professionalism

Tags
214196, 0, 6, 2023-08-29 11:22:57

Learning Outcome
Develop the professional skills, traits, and behaviors expected of a professional music educator.

Title
Pedagogues and Movements in String Education

Tags
214197, 0, 7, 2023-08-29 11:22:59

Learning Outcome
Students will know selected string pedagogues, and demonstrate ability to identify important movements in string education.

Title
Spiritually Strengthining

Tags
214198, 0, 8, 2023-08-29 11:23:00

Learning Outcome
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

MUSIC 381 - Art of Teaching Children Music in the Classroom

Course Information

Teaching Area (new)
MUSIC

Course Number
381

Teaching Area
MUSIC

Course Title
Art of Teaching Children Music in the Classroom

Course Description
Overview and practical application of classroom general music methodologies in the elementary grades, including the relationship of classroom practice to choral and instrumental experiences. Observation and teaching opportunities in the schools.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 276 - Introduction to Music Education
  AND MUSIC 281 - Foundations of Teaching Children Music

Recommended
Music 278

Learning Outcomes

Title
Teaching Skills

Tags
213229, 0, 2

Learning Outcome

Demonstrate sequenced developmental teaching of musical elements for grades K-6 using a variety of methods and delivery techniques.

Title
Assessment

Tags
213230, 0, 3

Learning Outcome

Select, utilize, and evaluate methods of assessment in elementary general music.

Title
Content Knowledge

Tags
213231, 0, 4

Learning Outcome

Explore and discuss special topics in music education, such as: classroom engagement, teaching students with exceptionalities and special needs, social emotional learning, world music pedagogy, arts and other content integration, and other topics as needed or desired.

Title
Standards-Based Curriculum Writing

Tags
213228, 0, 1

Learning Outcome

Articulate what should be taught in elementary music for grades K-6, including music skills, fundamentals, and INGs, and develop standards-based lesson and unit plans for grades K-6 based on appropriate music skills and concepts for each grade level.

MUSIC 382 - Art of Teaching Vocalists in Ensembles

Course Information

Teaching Area (new)
MUSIC

Course Number
382

Teaching Area
MUSIC

Course Title
Art of Teaching Vocalists in Ensembles

Course Description
Curriculum design, score analysis and preparation, choral arranging, rehearsal techniques, survey of literature, and vocal pedagogy, including treble voice and changing voice; computers and computer-assisted instruction.

Department
Music

When Taught
Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 235A - Instrumental Conducting Techniques.
  OR MUSIC 235B - Choral Conducting Techniques
- MUSIC 276 - Introduction to Music Education
- MUSIC 282 - Foundations of Teaching Vocalists in Ensembles

Untitled Requirement

Type
Prerequisite

Learning Outcomes

Title
Professional Preparation

Tags
214199, 0, 1, 2023-08-29 11:23:05

Learning Outcome
Students will be prepared to function competently in the public school classroom as musical artists, as teachers, and as administrators.

Title
Classroom Strategies and Policies

Tags
214200, 0, 2, 2023-08-29 11:23:06

Learning Outcome
Students will be prepared to create their own strategies and policies for the music classroom based on sound principles.

Title
Rehearsal Technique

Tags
214201, 0, 3, 2023-08-29 11:23:09

Learning Outcome
Students will develop processes, build skills, and share knowledge in rehearsal technique by analyzing scores, forecasting rehearsal issues, planning, creating, and prioritizing strategies, executing the rehearsal with a real lab choir.

Title
Choral Voice Building

Tags
214202, 0, 4, 2023-08-29 11:23:11

Learning Outcome
Students will develop processes, build skills, and share knowledge in voice building of choral singers by creating an index of vocalises to build technique, modeling for and strategizing to improve the tone of the lab choir over the semester, reading about and discussing group vocal pedagogy.

Title
Choral Repertoire

Tags
214203, 0, 5, 2023-08-29 11:23:14

Learning Outcome
Students will develop processes, build skills, and share knowledge in discerning quality choral repertoire, collecting and organizing it into personal choral reference libraries.

Title
Repertoire and Program Selection

Tags
214204, 0, 6, 2023-08-29 11:23:16

Learning Outcome
Students will develop processes, build skills, and share knowledge in selecting repertoire and creating quality concert programs for secondary students.

Title
Creating Course Documents

Tags
214205, 0, 7, 2023-08-29 11:23:18

Learning Outcome
Students will develop processes, build skills, and share knowledge in creating course documents that outline curriculum goals, classroom management rules and consequences, assessment and grading procedures, budget proposals and purchasing information.

Title
Recruiting and Voice Testing

Tags
214206, 0, 8, 2023-08-29 11:23:20

Learning Outcome
Students will develop processes, build skills, and share knowledge in recruiting singers, voice testing and discerning stages of the changing voice meeting the range needs of those voices, auditioning.

MUSIC 383 - Art of Teaching Instrumentalists in Ensembles

Course Information

Teaching Area (new)
MUSIC

Course Number
383

Teaching Area
MUSIC

Course Title
Art of Teaching Instrumentalists in Ensembles

Course Description
Curriculum design, evaluating ensemble performance, advanced rehearsal techniques, administering secondary instrumental music programs; computers and computer-assisted instruction.

Department
Music

When Taught
Winter.

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 235A - Instrumental Conducting Techniques.
  OR MUSIC 235B - Choral Conducting Techniques
- MUSIC 276 - Introduction to Music Education
- MUSIC 283 - Foundations of Teaching Instrumentalists in Ensembles

Learning Outcomes

Title
Spiritually Strengthening

Tags
214207, 0, 1, 2023-08-29 11:23:22

Learning Outcome
Discover ways to appropriately teach by the Spirit in a secular educational setting (D&C 50:13-22).

Title
Professionalism

Tags
214208, 0, 2, 2023-08-29 11:23:25

Learning Outcome
Develop and maintain the professional skills, traits, and behaviors expected of a professional music educator.

Title
K-12 Instrumental Music Program Management

Tags
214209, 0, 3, 2023-08-29 11:23:27

Learning Outcome
Demonstrate the leadership and managerial skills required to manage a K-12 band and orchestra program. This includes contest/festival adjudication, facility planning, recruiting, public relations, finances, and fund raising.

Title
Rehearsal techniques

Tags
214210, 0, 4, 2023-08-29 11:23:28

Learning Outcome
Students will demonstrate ability to locate and resolve errors in ensemble performance and to conduct ensemble music with clarity and purpose. Students will gain experience in the musical skills of intonation/quality, and transposition/score reading.

Title
Diagnosing Technical and Aural Problems

Tags
214211, 0, 5, 2023-08-29 11:23:30

Learning Outcome
Demonstrate and improve needed aural, theoretical, and pedagogical skills required for effective conducting and teaching in a K-12 band and orchestra rehearsal. This includes the ability to diagnose aural and technical problems while proposing remedial strategies to improve student musicianship.

Title
Effective Conducting

Tags
214212, 0, 6, 2023-08-29 11:23:32

Learning Outcome
Demonstrate a high degree of musicianship as a conductor.

Title
Teaching

Tags
214213, 0, 7, 2023-08-29 11:23:34

Learning Outcome
Demonstrate ability to effectively sequence and instruct the skills of musicianship needed in a K-12 band and orchestra class.

Title
Instrumental Pedagogy

Tags
214214, 0, 8, 2023-08-29 11:23:35

Learning Outcome
Demonstrate the ability to identify skills and techniques common to K-12 band and orchestra musicians. This includes the ability to recognize challenges and diagnose solutions to common pedagogical challenges encountered in a K-12 band and orchestra classroom.

Title
Performing on Band and Orchestra Instruments

Tags
214215, 0, 9, 2023-08-29 11:23:37

Learning Outcome
Demonstrate the ability to play music appropriate for school bands and orchestras with proper playing position, tone quality, rhythmic accuracy, intonation, and expression on all instruments learned in workshop classes.

Title
Philosophy of Instrumental Music Education

Tags
214216, 0, 10, 2023-08-29 11:23:38

Learning Outcome
Develop and demonstrate the ability to articulate a personal philosophy for music education which accounts for the place of arts in the K-12 school curriculum. Philosophical topics may include the scope and sequence of a curriculum, music selection, extra-musical activities (travel, fund raising, service), diversity and inclusion, and ethics.

MUSIC 384 - Jazz Improvisation 2

Course Information

Teaching Area (new)
MUSIC

Course Number
384

Teaching Area
MUSIC

Course Title
Jazz Improvisation 2

Course Description
Intermediate improvisation: theory and technique.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 284 or director's consent

Learning Outcomes

Title
Jazz Improv II

Tags
187896, 0

Learning Outcome
Students will continue their study of improvisation techniques and will learn advanced scales, chord progressions, and stylistic approaches to jazz improvisation.

MUSIC 385 - Jazz Improvisation 3

Course Information

Course Number
385

Teaching Area
MUSIC

Course Title
Jazz Improvisation 3

Course Description
Advanced improvisation: theory and technique.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 384 - Jazz Improvisation 2

Other Prerequisites
Complete Music 384 or instructor’s consent.

Learning Outcomes

Learning Outcome
Students will continue their study of improvisation techniques and will learn advanced scales, chord progressions, and stylistic approaches to jazz improvisation.

MUSIC 386 - Songwriting 2

Course Information

Teaching Area (new)
MUSIC

Course Number
386

Teaching Area
MUSIC

Course Title
Songwriting 2

Course Description
Projects in advanced songwriting.

Department
Music

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 186 - Songwriting 1
  AND MUSIC 256 - Recording Studio 1
  AND MUSIC 295 - Music Theory 3

Learning Outcomes

Title
Purposes of Songwriting

Tags
214217, 0, 1, 2023-08-29 11:23:41

Learning Outcome
Students will demonstrate an understanding of the purposes of songwriting--for personal purposes or for the publishers and producers of movies and television episodes.

Title
Collaboration and Pace

Tags
214218, 0, 2, 2023-08-29 11:23:43

Learning Outcome
Students will demonstrate experience with industry-style collaboration and will be able to work on concurrent projects at a professional pace.

MUSIC 387R - Composition Seminar

Course Information

Teaching Area (new)
MUSIC

Course Number
387R

Teaching Area
MUSIC

Course Title
Composition Seminar

Course Description
Seminars in principles and techniques of recent art music.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment with MUSIC 187R or MUSIC 388R

Note
Music Composition major status

Learning Outcomes

Title
Advanced Composition

Tags
187977, 1

MUSIC 388R - Advanced Composition

Course Information

Teaching Area (new)
MUSIC

Course Number
388R

Teaching Area
MUSIC

Course Title
Advanced Composition

Course Description
Private lessons in music composition.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Four credits of Music 187R; junior-level screening; concurrent enrollment in Music 387R.

MUSIC 389 - Projects in Commercial Music

Course Information

Teaching Area (new)
MUSIC

Course Number
389

Teaching Area
MUSIC

Course Title
Projects in Commercial Music

Course Description
Introductory projects in scoring for broadcast media, publication, and studio recording.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 186, 222, 256, 296.

Learning Outcomes

Title
Commercial Music Projects

Tags
188274, 1

Learning Outcome
The projects class will help students understand and prepare for real-world applications of the tools and techniques used in music production. A good working knowledge and understanding of MIDI, music compositional techniques, digital workstations(such as Pro Tools, Logic, Digital Performer), Virtual Instrument plug-ins and other production components are required. The class will review some basic principles and teach more advanced uses of these technologies. Class projects will range from realistic drum sequencing, writing and producing jingles, song clones to scoring for video and film.

MUSIC 390R - Music Production Seminar

Course Information

Teaching Area (new)
MUSIC

Course Number
390R

Teaching Area
MUSIC

Course Title
Music Production Seminar

Course Description
Principles and techniques in music production taught by commercial music faculty in a private one to one lesson fashion and then meeting as a group (master class setting) to showcase, discuss, and critique student works.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- MUSIC 252 - Music Technology 2

Other Prerequisites
Commercial music major status; completion of Music 252 and instructor approval

MUSIC 391 - Jazz Keyboard

Course Information

Teaching Area (new)
MUSIC

Course Number
391

Teaching Area
MUSIC

Course Title
Jazz Keyboard

Course Description
Lead sheets, chord voicings, and other aspects of jazz performance practice.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 196 - Music Theory 2
  AND MUSIC 222 - Functional Piano Skills 2

Learning Outcomes

Title
Jazz Keyboarding

Tags
187734, 0

Learning Outcome
Students learn how to read lead sheets and how to appropriately voice chords on the piano.

Title
Play standard tunes in the following ways using a lead sheet

Tags
188026, 1

Learning Outcome
Upon the successful completion of this course a student should be able

Melody in the right hand and basic chord inversions in the left hand
Chords only spread between both hands to comp behind a soloist, employing upper structure and altered chord harmony.
Rootless voicings in the left hand and embellished melody in the right hand while playing with bass and drums.
Play a solo piano ballad with rich jazz harmonies and moving textural lines.
Play the blues in four keys, demonstrating standard chord voicings and improvisational techniques.
Play II-V-I patterns in major and minor, using three voicing systems; 1735-1379, 1357-1793, and rootless voicings. These include harmonic extensions to the 13th and various forms of the altered dominant seventh chords and their substitutions.
Know and play all of the following modes and scales with correct fingerings: Dorian, Mixolydian, Jazz Minor, Lydian, Locrian, Whole Tone, Diminished (Octatonic) in two forms, Lydian Dominant, Super Locrian (Diminished Whole-Tone).

MUSIC 394 - Jazz Styles and Analysis

Course Information

Teaching Area (new)
MUSIC

Course Number
394

Teaching Area
MUSIC

Course Title
Jazz Styles and Analysis

Course Description
In-depth experience in recognizing and differentiating jazz styles, including analyzing and transcribing solo and ensemble jazz materials.

Department
Music

When Taught
Winter Odd Yrs..

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Music major status; instructor's consent.

Learning Outcomes

Title
Jazz Styles and Analysis

Tags
187652, 0

Learning Outcome
In-depth experience in recognizing and differentiating jazz styles, including analyzing and transcribing solo and ensemble jazz materials.

MUSIC 395 - Music Analysis

Course Information

Teaching Area (new)
MUSIC

Course Number
395

Teaching Area
MUSIC

Course Title
Music Analysis

Course Description
Analysis of music in a variety of styles and genres.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 296 - Music Theory 4

Learning Outcomes

Title
Analysis

Tags
212304, 0, 2

Learning Outcome
Students will demonstrate the ability to effectively choose and apply appropriate analytical techniques to analyze compositions in a variety of styles, demonstrating an understanding of aspects ranging from harmony, melody, rhythm and meter, and form to timbre, texture, and musical meaning.

Title
Synthesis

Learning Outcome
Students will be able to apply what they've learned in previous music theory and aural skills courses to the aural and score analysis of entire pieces.

MUSIC 399R - Academic Internship

Course Information

Teaching Area (new)
MUSIC

Course Number
399R

Teaching Area
MUSIC

Course Title
Academic Internship

Course Description
Internship or externship in creative, performing, producing, or teaching applications of major course work.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Instructor's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Off Campus Performance

Tags
187598, 0

Learning Outcome
Students will participate in an off-campus performance or administrative experience to enhance the student's academic training at the university.

Title
Skill Application

Tags
187739, 2

Learning Outcome
Students will apply acquired classroom skills in a professional setting.

Title
Networking

Tags
187839, 1

Learning Outcome
Students will gain access to professional contacts and create a network beneficial to future career choices.

MUSIC 402 - Vocal Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
402

Teaching Area
MUSIC

Course Title
Vocal Literature

Course Description
Survey of literature with emphasis on art song. Research in area of concentration.

Department
Music

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into 360R or instructor's consent

Learning Outcomes

Title
Listening

Tags
187656, 3

Learning Outcome
Students will be able to identify listening examples of specific songs.

Title
Classical Vocal Art Song: 1600 to Present

Tags
187718, 1

Learning Outcome
Students will survey the classical vocal art song repertoire in English, Italian, German, and French from the past 400 years.

Title
Repertoire Lists

Tags
187804, 5

Learning Outcome
Students will be able to compile a comprehensive personal repertoire list.

Title
Seminar Presentations

Tags
187826, 2

Learning Outcome
Students will be able to prepare and present a class on a given composer or group of composers—consisting of lecture, musical examples, live performance, and appropriate handouts.

Title
Performance

Tags
187833, 4

Learning Outcome
Students will be able to perform at least one song in two other student presentations.

Title
Style and Development

Tags
187880, 2

Learning Outcome
Students will be able to discuss stylistic elements of song, including melody, harmony, rhythm, accompaniment, text, and form.Students will be able to discuss the development of song through various composers, languages or eras.

MUSIC 403A - Piano Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
403A

Teaching Area
MUSIC

Course Title
Piano Literature

Course Description
Survey of literature. Research in area of concentration.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into 360R or 460R or instructor's consent

Learning Outcomes

Title
Advanced Keyboard Performance

Tags
187898, 1

Learning Outcome
This course is designed for the advanced keyboard performer, and consists of projects in keyboard harmony, sight-reading, transposition, modulation, improvisation, playing by ear, and score reading, in pursuit of developing the complete keyboard fluency.

MUSIC 403B - Piano Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
403B

Teaching Area
MUSIC

Course Title
Piano Literature

Course Description
Continuation of Music 403A.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into 360R or 460R or instructor's consent

Learning Outcomes

Title
Piano Literature: Classical to Contemporary

Tags
187737, 1

Learning Outcome
This course will explore piano literature from late Classical, Romantic, Impressionistic, and Contemporary periods of music history including composer surveys, analysis, aural and score recognition, performances and performance practices. The goal of this course is for each student to gain a broad understanding of the subject and develop a love for the rich heritage of the medium. A major purpose of the course is to instill in students a curiosity essential for lifetime discovery. Thorough knowledge and appreciation of the piano repertoire is crucial for a successful career in performance and teaching.

MUSIC 404A - Organ Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
404A

Teaching Area
MUSIC

Course Title
Organ Literature

Course Description
Survey of literature. Research in area of concentration.

Department
Music

When Taught
Fall Even Years

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into Music 360R or 460R, or instructor's consent.

Learning Outcomes

Title
Organ Lit

Tags
187733, 0

Learning Outcome
The course objective is to further an acquaintance and familiarity with the repertory, composers, forms and genres, stylistic features, analytical techniques and general performance practices associated with organ literature from the earliest sources of the fourteenth century through the music of Johann Sebastian Bach.

MUSIC 404B - Organ Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
404B

Teaching Area
MUSIC

Course Title
Organ Literature

Course Description
Continuation of Music 404A.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into Music 360R or 460R, or instructor's consent.

Learning Outcomes

Title
Organ Lit, 2

Tags
187881, 0

Learning Outcome
A continuation of 404A, with the focus being on organ literature from the mid-eighteenth century to the present.

MUSIC 406 - String Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
406

Teaching Area
MUSIC

Course Title
String Literature

Course Description
Survey of literature, including research in field of concentration.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into 360R or 460R, or instructor's consent

Learning Outcomes

Title
String Literature

Tags
187792, 0

Learning Outcome
Be able to discuss, listen to, dance to and perform standard standard repertoire as well as read and write about it. The ultimate purpose is to expand your understanding of the concert and teaching repertoire. This survey will demonstrate the wealth of string literature available and how you can find, understand and play it well.

MUSIC 423 - Harp Arranging and Transcribing

Course Information

Course Number
423

Teaching Area
MUSIC

Course Title
Harp Arranging and Transcribing

Course Description
Transcribing and arranging for harp.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 195 - Music Theory 1

Learning Outcomes

Title
Transcribing

Tags
214219, 0, 1, 2023-08-29 11:24:45

Learning Outcome
Students will learn how to transcribe music from the Baroque and Classical eras, which will help them prepare for competitions and future performances. Title

Title
Arranging

Tags
214220, 0, 2, 2023-08-29 11:24:52

Learning Outcome
Students will be able to confidently arrange classical and popular music and adjust orchestral parts.

MUSIC 426 - Music Dance Theatre: Senior Performance Project

Course Information

Teaching Area (new)
MUSIC

Course Number
426

Teaching Area
MUSIC

Course Title
Music Dance Theatre: Senior Performance Project

Course Description
Participation in an MDT performance group culminating in a showcase for agents and directors in New York City during April.

Department
Music

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 328 - Script, Movement and Score Analysis

Other Prerequisites
Concurrent enrollment in Dance 426 and TMA 426. BFA Acting or MDT status. By audition only.

Learning Outcomes

Title
Professional Feedback

Tags
187878, 0, 0

Learning Outcome
Students will audition for and receive feedback from industry professionals.

Title
Promotional Materials

Tags
187882, 0, 3

Learning Outcome
Students will have personal promotional materials ready as they leave the university.

Title
Professional Contacts

Tags
187968, 0, 6

Learning Outcome
Students will establish professional contacts with working industry professionals.

MUSIC 441R - New Music Ensemble

Course Information

Teaching Area (new)
MUSIC

Course Number
441R

Teaching Area
MUSIC

Course Title
New Music Ensemble

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Modern and Experimental Music Practice

Tags
187713, 1

Learning Outcome
Performance practice in modern and experimental musical vocabularies.

MUSIC 449 - Senior Recital

Course Information

Teaching Area (new)
MUSIC

Course Number
449

Teaching Area
MUSIC

Course Title
Senior Recital

Course Description
Senior-level recital.

Department
Music

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
1

Fixed/Max:
1

Other Prerequisites
Concurrent enrollment in Music 360R, 387R, or 460R, and instructor's consent. Prerecital hearing required at least three weeks before juried recitals.

Fee
Semester: $158; Term: $80

Note
NOTE: Fee. NOTE: Students must register for recital before it can be scheduled; contact studio instructor for details.

Learning Outcomes

Title
Full Recital Performance

Tags
187356, 1

Learning Outcome
Students will perform a full recital of repertory, artistically appropriate to the year of study.

MUSIC 460R - Performance Instruction: Conducting

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Conducting

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188234, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harp

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188227, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188228, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Flute

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Flute

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188237, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188238, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Tuba

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Tuba

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188260, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

Title
Technique and Musicality

Tags
188261, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Euphonium

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Euphonium

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188235, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188236, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Harpsichord

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harpsichord

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188241, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188242, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Piano

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188379, 1

Learning Outcome
Students will acquire a higher technical level and develop additional musical skills needed to pursue a career in teaching, solo performance, and collaborative performance.

Title
Solo Performance

Tags
188382, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes at an appropriate artistic level for their year of study. Their final presentation will include a 50-60 minute recital representing three contrasting periods of music.

MUSIC 460R - Performance Instruction: Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Organ

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188246, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188247, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Percussion

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188248, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188249, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Horn

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Horn

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188243, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Strings

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Strings

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Major in performance; jury approval

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188226, 1

Learning Outcome
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester

Title
Technique and Musicality

Tags
188256, 2

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Voice

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188263, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Brass and Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Brass and Percussion

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188225, 1

Learning Outcome
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester.

Title
Technique and Musicality

Tags
188231, 2

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Oboe

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Oboe

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188244, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188245, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Guitar

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Guitar

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188239, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188240, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Violin

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Applied Violin Instruction

Tags
188118, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188262, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Woodwinds

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Woodwinds

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188224, 1

Learning Outcome
Students will perform two solo selections from the advanced (professional) standard repertory in master class, recital, and jury exams each semester

Title
Technique and Musicality

Tags
188264, 2

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2

AND MUSIC 196 - Music Theory 2
AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- MUSIC 194 - Aural Skills 2
  AND MUSIC 196 - Music Theory 2
  AND MUSIC 198 - Sight Singing 2

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188250, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188251, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Cello

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 544; Term: 272

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Applied Cello Instruction

Tags
188117, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Trumpet

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trumpet

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Major in performance; jury approval

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188258, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: String Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: String Bass

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188254, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188255, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Bassoon

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Bassoon

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188229, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188230, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Trombone

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Trombone

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
187785, 1

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

Title
Technique and Musicality

Tags
188257, 2

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

MUSIC 460R - Performance Instruction: Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Viola

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Solo Performance

Tags
188332, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study. Students will cultivate technical and musical skills neeed to pursue a career in music.

MUSIC 460R - Performance Instruction: Saxophone

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Saxophone

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188252, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188253, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 460R - Performance Instruction: Clarinet

Course Information

Teaching Area (new)
MUSIC

Course Number
460R

Teaching Area
MUSIC

Course Title
Performance Instruction: Clarinet

Course Description
Advanced private instruction and studio class.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Music 194 & Music 196 & Music 198; Major in performance; jury approval.

Fee
Semester: 560; Term: 280

Note
From three to five hours of daily practice. Fee.

Learning Outcomes

Title
Technique and Musicality

Tags
188232, 1

Learning Outcome
Students will acquire the technical and musical skills needed to pursue a career on their respective instruments.

Title
Solo Performance

Tags
188233, 2

Learning Outcome
Students will demonstrate the ability to perform standard solo repertoire, orchestral excerpts, and etudes/methods at an appropriate artistic level for their year of study.

MUSIC 462R - Orchestral Excerpts: Brass

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Brass

Course Description
Performance instruction in standard orchestral repertoire for brass instruments.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For brass performance majors

MUSIC 462R - Orchestral Excerpts: Woodwinds

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Woodwinds

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Excerpts and Repertoire

Tags
188111, 1

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

MUSIC 462R - Orchestral Excerpts: Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Violin

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Excerpts and Repertoire

Tags
188108, 1

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

MUSIC 462R - Orchestral Excerpts: Cello

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Cello

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 260R or 460R and/or instructor's consent

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Repertoire & Excerpts

Tags
187649, 0

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.Preparation and performance of standard orchestral excerptsSight-reading of several other standard orchestral excerptsPerform for outside adjudicators in “mock audition” settingUnderstand professional audition procedures and processesCollect materials and resources to aid in preparation for future professional auditions

MUSIC 462R - Orchestral Excerpts: Viola

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Viola

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Excerpts and Repertoire

Tags
188109, 1

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

MUSIC 462R - Orchestral Excerpts: Harp

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Harp

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Excerpts and Repertoire

Tags
188110, 1

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

MUSIC 462R - Orchestral Excerpts: Bass

Course Information

Teaching Area (new)
MUSIC

Course Number
462R

Teaching Area
MUSIC

Course Title
Orchestral Excerpts: Bass

Course Description
Performance instruction in standard orchestral repertoire.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Music 460R or instructor's consent.

Note
For string performance majors.

Learning Outcomes

Title
Orchestral Excerpts and Repertoire

Tags
188112, 1

Learning Outcome
This course is a skill development class that is designed to help you to become ready to take professional orchestral auditions and help prepare you to reach your potential as an orchestral musician.

Preparation and performance of standard orchestral excerpts
Sight-reading of several other standard orchestral excerpts
Perform for outside adjudicators in "mock audition" setting
Understand professional audition procedures and processes
Collect mateials and resources to aid in preparation for future professional auditions

MUSIC 465A - Organ Practicum

Course Information

Teaching Area (new)
MUSIC

Course Number
465A

Teaching Area
MUSIC

Course Title
Organ Practicum

Course Description
Designing and implementing a personal strategy for developing the practical skills required of the organist.

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 166 or organ performance major status.

Learning Outcomes

Title
Hymn Playing

Tags
209941, 0, 1

Learning Outcome
Students will demonstrate the ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

Title
Choir Accompaniment

Tags
209942, 0, 2

Learning Outcome
Students will demonstrate the ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

Title
Keyboard Skills

Learning Outcome
Students will demonstrate competency in the keyboard skills required of all church organists: melody harmonization, figured bass, transposition, improvisation, open score reading, and sight-reading.

MUSIC 465B - Organ Practicum

Course Information

Teaching Area (new)
MUSIC

Course Number
465B

Teaching Area
MUSIC

Course Title
Organ Practicum

Course Description
Developing the practical skills required of the organist, with emphasis on improvisation, figured bass, melody harmonization, transposition, and open score reading.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Hymn Playing

Tags
209943, 0, 1

Learning Outcome
Students will demonstrate intermediate ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

Title
Choir Accompaniment

Tags
209944, 0, 2

Learning Outcome
Students will demonstrate intermediate ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

MUSIC 465C - Organ Practicum

Course Information

Teaching Area (new)
MUSIC

Course Number
465C

Teaching Area
MUSIC

Course Title
Organ Practicum

Course Description
Refining the practical skills required of the organist, with emphasis on melody harmonization, choir accompaniment, hymn playing, and improvisation.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Hymn Playing

Tags
209945, 0, 1

Learning Outcome
Students will demonstrate advanced ability to play hymns using a wide variety of techniques and with artistry, encouraging congregational participation and enthusiasm, and to conduct hymns adequately.

Title
Choir Accompaniment

Tags
209946, 0, 2

Learning Outcome
Students will demonstrate advanced ability to accompany choirs at the organ, interpreting and preparing the score properly, managing the console with mastery, and following the director accurately and musically.

MUSIC 467 - String Teaching Practicum: Harp.

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Harp.

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

MUSIC 467 - String Teaching Practicum: Viola.

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Viola.

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

Learning Outcomes

Title
String Studio Teaching Practicum

Tags
188062, 0

Learning Outcome

1- Pedagogy - By the semester's end, each student will have a thorough knowledge of how to apply string pedagogy, its theory, and practice.
2- Teaching - The student will have greatly improved his or her capacity to teach learners of every age and ability level through actual supervised teaching. 3- Private Teaching Studio- Each student will have gained the knowledge and skill necessary to run a successful private teaching studio.

MUSIC 467 - String Teaching Practicum: Cello.

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Cello.

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

MUSIC 467 - String Teaching Practicum: Violin

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Violin

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

MUSIC 467 - String Teaching Practicum: Guitar.

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Guitar.

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

MUSIC 467 - String Teaching Practicum: Bass.

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum: Bass.

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

Learning Outcomes

Title
String Bass Teaching Practicum

Tags
188323, 1

Learning Outcome
Students will have greater facility in understanding technical and pedagogical principles of double bass, how these principles are best organized and presented in a teaching setting, and how to synthesize these with effective teaching methods.

MUSIC 467 - String Teaching Practicum

Course Information

Teaching Area (new)
MUSIC

Course Number
467

Teaching Area
MUSIC

Course Title
String Teaching Practicum

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class (Music 369A-E).

MUSIC 468 - Jazz Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
468

Teaching Area
MUSIC

Course Title
Jazz Pedagogy

Course Description
Organizing and teaching jazz in the secondary school. Designed for the music educator.

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Jazz Pedagogy

Tags
187848, 0

Learning Outcome
Students will learn how to organize and teach jazz in the secondary school. Materials are designed for the music educator.

MUSIC 470R - Keyboard Teaching Practicum: Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
470R

Teaching Area
MUSIC

Course Title
Keyboard Teaching Practicum: Piano

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
MUSIC 366; Completion of required pedagogy class or instructor's consent

Learning Outcomes

Title
Knowledge

Tags
188321, 1

Learning Outcome
Students will deepen their understanding of how music and teaching practice are related.

MUSIC 470R - Keyboard Teaching Practicum

Course Information

Teaching Area (new)
MUSIC

Course Number
470R

Teaching Area
MUSIC

Course Title
Keyboard Teaching Practicum

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class or instructor's consent

Learning Outcomes

Title
Knowledge

Tags
188210, 1

Learning Outcome
Students will deepen their understanding of how music and practicum are related.

MUSIC 470R - Keyboard Teaching Practicum: Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
470R

Teaching Area
MUSIC

Course Title
Keyboard Teaching Practicum: Organ

Course Description
Applying pedagogical principles to teaching.

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Completion of required pedagogy class or instructor's consent.

Learning Outcomes

Title
Self-sufficient

Tags
187835, 2

Learning Outcome
Become self-sufficient as an organ teacher.

Title
Plan, teach, evaluate

Tags
187962, 0

Learning Outcome
Plan, teach, and evaluate effective organ training courses and private lessons.

Title
Apply

Tags
187966, 1

Learning Outcome
Apply concepts introduced in Organ Pedagogy (Music 366, 665) in supervised private and group instruction.

MUSIC 472 - Supervised Teaching in Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
472

Teaching Area
MUSIC

Course Title
Supervised Teaching in Voice

Course Description
Lecture, discussion, and practicum in the methodology of studio voice instruction.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 363 - Vocal Pedagogy

Learning Outcomes

Title
Repertoire for Beginning Voice

Tags
187662, 3

Learning Outcome
Students will develop a basic list of repertoire appropriate to teaching beginning voice lessons.

Title
Teaching Experience

Tags
187677, 1

Learning Outcome
Students will apply the information gained in Music 363 to teaching at least 2 students, one male and the other female.

Title
Home Studio Management

Tags
187697, 5

Learning Outcome
Students will learn the organizational and financial structure of a successful home studio.

Title
Pedagogical Approaches

Tags
187862, 2

Learning Outcome
Students will develop through study and experience pedagocial approaches to teaching singing.

Title
Student Public Recital

Tags
188082, 4

Learning Outcome
Students will help their pupils prepare at least one song to a performance level which can be presented in a public recital.

MUSIC 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
MUSIC

Course Number
476

Teaching Area
MUSIC

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary music students, demonstrating proficiency in all program standards. Seminar required.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 379 - Pre-Student Teaching

Other Prerequisites
Completion of all course work or with approval, and with a major GPA of at least 3.0 and a C or higher in all major courses.

Learning Outcomes

Title
Teacher Work Sample

Tags
187910, 1

Learning Outcome
Students will complete a Teacher Work Sample documenting their ability to understand a teaching situation and their individual students in one specific class, and their ability to plan, teach, reflect on and revise music learning events to teach a learning unit to this class. They will document group and individual progress for the unit.

Title
Effective Planning, Teaching and Revising

Tags
187948, 1

Learning Outcome
Students will demonstrate their ability to effectively plan, teach, reflect and revise music learning events by teaching full-time in a student teaching placement with a mentor teacher. In addition, students will demonstrate their ability to communicate effectively with individual students and groups of students, as well as parents, as well as the ability to work well with their mentor teacher and other school colleagues.

MUSIC 480R - Advanced Topics in Music

Course Information

Teaching Area (new)
MUSIC

Course Number
480R

Teaching Area
MUSIC

Course Title
Advanced Topics in Music

Course Description
Topics vary.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- MUSIC 296 - Music Theory 4

Learning Outcomes

Title
General Special Topics Outcome

Tags
187668, 8

Learning Outcome
Specific learning outcomes are explicated at the outset of the course, but vary from syllabus to syllabus; each class explores in depth a subject supported by the particular research experience and expertise of the graduate faculty member who teaches the course.

MUSIC 481 - Orchestration 1

Course Information

Teaching Area (new)
MUSIC

Course Number
481

Teaching Area
MUSIC

Course Title
Orchestration 1

Course Description
An introduction to orchestration, including a study of the characteristics of each instrument and the ability to write for them in combination at a fundamental to intermediate level.

Department
Music

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 293 - Aural Skills 3
- MUSIC 295 - Music Theory 3

Learning Outcomes

Title
Orchestration

Tags
214221, 0, 1, 2023-08-29 11:30:02

Learning Outcome
Students will demonstrate an understanding of fundamentals and intermediate techniques of orchestration in primarily pre-modern repertoire.

MUSIC 482 - Choral Arranging

Course Information

Teaching Area (new)
MUSIC

Course Number
482

Teaching Area
MUSIC

Course Title
Choral Arranging

Course Description
Study of published choral arrangements, as well as techniques for adapting and arranging for choirs.

Department
Music

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
C- or higher in Music 295.

Learning Outcomes

Title
Choral Arranging

Tags
187623, 0

Learning Outcome
This course will help students learn a broad range of techniques in choral arranging, especially as it applies to adapting existing works for different configurations and creating new arrangements based on preexisting melodies.

MUSIC 483 - Counterpoint

Course Information

Teaching Area (new)
MUSIC

Course Number
483

Teaching Area
MUSIC

Course Title
Counterpoint

Course Description
Eighteenth-century contrapuntal styles and techniques, emphasizing those of J. S. Bach.

Department
Music

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 294 - Aural Skills 4
  AND MUSIC 296 - Music Theory 4

Learning Outcomes

Title
18th Century Counterpoint

Tags
187946, 1

Learning Outcome
Learn techniques of 18th-century counterpoint and how they apply in principle to music of all subsequent periods.

MUSIC 484 - Media Orchestration

Course Information

Teaching Area (new)
MUSIC

Course Number
484

Teaching Area
MUSIC

Course Title
Media Orchestration

Course Description
Emphasizes the theory and advance practices associated with creating realistic orchestral and contemporary production music through the use of sample libraries, synths, software, and other resources.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 389 - Projects in Commercial Music

MUSIC 485 - Jazz Arranging and Composition

Course Information

Teaching Area (new)
MUSIC

Course Number
485

Teaching Area
MUSIC

Course Title
Jazz Arranging and Composition

Course Description
Developing concepts and skills related to the orchestration, arranging, and composition of jazz and related contemporary styles of music.

Department
Music

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 295 - Music Theory 3

Learning Outcomes

Title
Jazz Arranging

Tags
188001, 0

Learning Outcome
Students will develop concepts and skills related to the orchestration, arranging, and composition of jazz and related contemporary styles of music.

MUSIC 486 - Commercial Music Capstone Project

Course Information

Teaching Area (new)
MUSIC

Course Number
486

Teaching Area
MUSIC

Course Title
Commercial Music Capstone Project

Course Description
Creating a demo CD and resume from course work, creative project, and internship experiences. Career goals and opportunities.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 389 - Projects in Commercial Music

Other Prerequisites
Commercial Music major status

Learning Outcomes

Title
Senior Capstone Project

Tags
187814, 0, 0

Learning Outcome
The capstone course provides an opportunity for the student to demonstrate a high degree of proficiency through the participation in a culminating project that is customized for the individual student. In consultation and approval with the instructor, the student will devise a substantial project that utilizes their unique abilities and knowledge to create a vehicle that showcases their professional talents. The goal is that they will have the opportunity to perform at their highest level and have a resume/portfolio worthy project to initiate a step into the commercial music industry.

MUSIC 489 - Film Scoring

Course Information

Teaching Area (new)
MUSIC

Course Number
489

Teaching Area
MUSIC

Course Title
Film Scoring

Course Description
Introduction to techniques and technology of film scoring.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MUSIC 389 - Projects in Commercial Music

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Course Outcomes

Tags
187611, 0

Learning Outcome
Successful completion of this class will allow students:1. To develop a practical understanding and approach to film scoring.2. To develop an appreciation of film composition as an art form.3. To have a practical ability of the creative and technical process of film composition.4. Seek to develop a balance between the career and spiritual well-being.5. Ultimately, to gain a greater fascination and increased skill of film composition.

MUSIC 490 - BA Music Capstone

Course Information

Teaching Area (new)
MUSIC

Course Number
490

Teaching Area
MUSIC

Course Title
BA Music Capstone

Course Description
Mentored capstone project for students pursuing the Bachelor of Arts in Music degree. Students will pursue original research or creative work under the advisement of a faculty mentor.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Submission of BA Capstone form to BA faculty advisor; advisor approval required.

MUSIC 494R - Independent Readings

Course Information

Teaching Area (new)
MUSIC

Course Number
494R

Teaching Area
MUSIC

Course Title
Independent Readings

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Advising professor's consent as certified by completing a contract obtained from the Academic Administrative Assistant in the Music Office

Learning Outcomes

Title
Independent Readings

Tags
187813, 0

Learning Outcome
Precise learning outcomes vary from student to student, and are negotiated prior to the experience and approved by the supervising faculty member. These specific requirements are written down in a contract and placed on file.

MUSIC 495R - Commercial Music Special Projects

Course Information

Teaching Area (new)
MUSIC

Course Number
495R

Teaching Area
MUSIC

Course Title
Commercial Music Special Projects

Course Description
Projects vary.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Other Prerequisites
Commercial Music Major status; Advising professor's consent as certified by completing a contract.

MUSIC 500 - Musical Research Techniques

Course Information

Teaching Area (new)
MUSIC

Course Number
500

Teaching Area
MUSIC

Course Title
Musical Research Techniques

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Scholarly Inquiry, Information Literacy, and Writing

Tags
187357, 1

Learning Outcome
Develop skills of scholarly inquiry, information literacy, and writing that will (1) save time and make graduate coursework easier, (2) facilitate current awareness of developments in the music professions, (3) lay a foundation for your own professional development, (4) and enable lifelong personal learning.

Title
Critical Thinking

Tags
187358, 2

Learning Outcome
Learn to think critically (make value judgments) about music and evaluate the purpose of your career in music. Add intellectual and spiritual depth to your musical activities.

Title
Methodologies and Publication

Tags
187359, 3

Learning Outcome
Gain a broad understanding of methodologies and publication types commonly applied in music research.

Title
Basic and Advanced Reference Sources

Tags
187360, 5

Learning Outcome
Learn the uses and comparative merits of basic and advanced reference sources related to music. Gain the ability to determine the best reference source for a given research need. Learn how to critique reference sources.

Title
Correct Citations

Tags
187361, 6

Learning Outcome
Become proficient in basic and advanced aspects of bibliographic citation, using principles of the Chicago Manual of Style (16th edition) and other writing conventions common to scholarly music publications.

Title
Evaluation of Sources

Tags
187362, 7

Learning Outcome
Develop basic skills necessary to locate and evaluate critically musical manuscripts and various types of editions of scores.

Title
Reference Sources, Public Services, and Actual Holdings

Tags
188071, 4

Learning Outcome
Become familiar with reference sources, public services, and actual holdings useful for music research and performance in the Harold B. Lee Library, in other significant music libraries throughout the world, and online.

MUSIC 501 - Music Education Research Techniques

Course Information

Teaching Area (new)
MUSIC

Course Number
501

Teaching Area
MUSIC

Course Title
Music Education Research Techniques

Department
Music

When Taught
Summer Term

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Graduate status

Learning Outcomes

Title
Course Outcomes

Tags
188410, 1

Learning Outcome
At the end of this course, students should be able to:

Identify research problems and questions.
Identify the appropriate research methodology to address a given problem or question.
Identify the standards and procedures of ethical research practices in music education.
Articulate the key elements of quantitative, qualitative, historical, and philosophical research designs. Also, included will be action research or research on your own teaching in your own classroom.
Effectively read, evaluate, and critique data and research findings particular to music education.
Analyze quantitative and qualitative research data.
Conduct research literature reviews and synthesizing the material into their own practice.
Access and utilize the basic music education research journals and other sources of research reports and summaries, including online sources.
Clearly and effectively express research and teaching ideas in writing.
Apply the principles of gospel teaching and learning in music research and teaching.

MUSIC 503 - Aesthetics

Course Information

Teaching Area (new)
MUSIC

Course Number
503

Teaching Area
MUSIC

Course Title
Aesthetics

Course Description
Fundamental questions of aesthetic theory from classical antiquity to the present, emphasizing musical aesthetics.

Department
Music

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 303 - History of Western Music: Classic

Learning Outcomes

Title
Aesthetics

Tags
187604, 1

Learning Outcome
Students will understand a broad historical range of literature in the philosophy of art, with particular emphasis on music.

MUSIC 505A - Applied Literature: Organ Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Organ Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature: Piano Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Piano Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature: Percussion Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Percussion Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

Learning Outcomes

Title
Performance Literature

Tags
209936, 0, 1

Learning Outcome
Students will be exposed to and study repertoire specific to their performance specialization. Solo, chamber, and large ensemble repertoire will be studied.

Title
Oral Exam Preparation

Tags
209937, 0, 2

Learning Outcome
Students will be prepared to communicate clearly about the repertoire studied.

MUSIC 505A - Applied Literature: Brass Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Brass Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature: String Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: String Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature: Woodwind Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Woodwind Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent.

MUSIC 505A - Applied Literature: Vocal Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505A

Teaching Area
MUSIC

Course Title
Applied Literature: Vocal Literature

Course Description
Advanced survey and research of literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Minimum of one enrollment in Music 402-407 or equivalent

MUSIC 505B - Advanced Applied Literature: Piano Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Piano Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature: Percussion Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Percussion Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature: Brass Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Brass Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Performance Literature

Tags
209938, 0, 1

Learning Outcome
Students will be exposed to and study repertoire specific to their performance specialization. Solo, chamber, and large ensemble repertoire will be studied.

Title
Oral Exam Preparation

Tags
209939, 0, 2

Learning Outcome
Students will be prepared to communicate clearly about the repertoire studied.

MUSIC 505B - Advanced Applied Literature: Woodwind Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Woodwind Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature: String Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: String Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature: Vocal Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Vocal Literature

Course Description
Intensification and deeper study of Vocal Literature.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 505B - Advanced Applied Literature: Organ Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
505B

Teaching Area
MUSIC

Course Title
Advanced Applied Literature: Organ Literature

Course Description
Intensification and deeper study of Music 505A materials.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Music 505A.

MUSIC 506 - Choral Literature 1

Course Information

Teaching Area (new)
MUSIC

Course Number
506

Teaching Area
MUSIC

Course Title
Choral Literature 1

Course Description
Concentrated analytical study and application of choral literature through Beethoven.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Choral Lit 1

Tags
187635, 0

Learning Outcome
1. You will have begun to assemble your own personal choral music database and library.2. You will have familiarized yourself with many representative pieces of major composers from each historical period. You will know their general characteristics and be able to apply this knowledge to the analysis of many kinds of choral music. You will know the important works of the major composers in each period. You will be able to recognize visually or aurally the musical characteristics of periods and composers in unidentified scores and recordings.3. You will know the names and general characteristics of contemporary arrangers, and composers who write choral music for educational purposes. You will also be able to recognize desirable qualities of repertoire for varying levels of age and ability in school, church, or community choir settings.4. You will know the criteria which affect choral programming. You will have compiled three sample programs, which demonstrate both your ability to create an artistic program and your knowledge of the repertoire.5. You will know about the issues which affect the choral musician’s search for repertoire: the focus of well known publishers, music in the public domain, internet resources, copyright issues, out of print music, etc.6. You will have the necessary skills to evaluate each choral piece you encounter and be able to assess why a choral piece is or is not worth performing. Also, you will hopefully find great spiritual enlightenment as you come to know and better understand the world’s choral masterpieces.

MUSIC 507 - Choral Literature 2

Course Information

Teaching Area (new)
MUSIC

Course Number
507

Teaching Area
MUSIC

Course Title
Choral Literature 2

Course Description
Concentrated analytical study and application of choral literature from post-Beethoven to the present.

Department
Music

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Choral Lit 2

Tags
187613, 0

Learning Outcome
1. You will have begun to assemble your own personal choral music database and library.2. You will have familiarized yourself with many representative pieces of major composers from each historical period. You will know their general characteristics and be able to apply this knowledge to the analysis of many kinds of choral music. You will know the important works of the major composers in each period. You will be able to recognize visually or aurally the musical characteristics of periods and composers in unidentified scores and recordings.3. You will know the names and general characteristics of contemporary arrangers, and composers who write choral music for educational purposes. You will also be able to recognize desirable qualities of repertoire for varying levels of age and ability in school, church, or community choir settings.4. You will know the criteria which affect choral programming. You will have compiled three sample programs, which demonstrate both your ability to create an artistic program and your knowledge of the repertoire.5. You will know about the issues which affect the choral musician’s search for repertoire: the focus of well known publishers, music in the public domain, internet resources, copyright issues, out of print music, etc.6. You will have the necessary skills to evaluate each choral piece you encounter and be able to assess why a choral piece is or is not worth performing. Also, you will hopefully find great spiritual enlightenment as you come to know and better understand the world’s choral masterpieces.

MUSIC 508 - Orchestra Literature 1

Course Information

Teaching Area (new)
MUSIC

Course Number
508

Teaching Area
MUSIC

Course Title
Orchestra Literature 1

Course Description
Concentrated analytical study and application of orchestral literature of the baroque and classical eras.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
508 Orchestral Literature 1

Tags
187631, 0

Learning Outcome
The purpose of this course is to study the standard orchestral literature through the eyes of a conductor. Upon completion of the course, students will be familiar with the most important literature of the Baroque, Classical, and Romantic periods up to through the works of Brahms. They will be able to identify the most important composers, their works, and the most significant passages with regards to challenges for the conductor.

MUSIC 509 - Orchestra Literature 2

Course Information

Teaching Area (new)
MUSIC

Course Number
509

Teaching Area
MUSIC

Course Title
Orchestra Literature 2

Course Description
Concentrated analytical study and application of orchestral literature of the romantic era and the 20th century.

Department
Music

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
509 Orchestral Literature 2

Tags
187658, 0

Learning Outcome
The purpose of this course is to study the standard orchestral literature through the eyes of a conductor. Upon completion of the course, students will be familiar with the most important literature of the late Romantic period up to through the new music of today.. They will be able to identify the most important composers, their works, and the most significant passages with regards to challenges for the conductor.

MUSIC 510 - Band Literature

Course Information

Teaching Area (new)
MUSIC

Course Number
510

Teaching Area
MUSIC

Course Title
Band Literature

Course Description
Concentrated study of band literature through analysis and conducting.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Knowledge of Composers

Tags
187711, 2

Learning Outcome
List significant composers for the instrumental genres of band or orchestra music and name their most prominent works--while citing research sources for additional information.

Title
Score Analysis

Tags
187790, 0

Learning Outcome
Identify and describe elements of form, rhythm, melody, harmony, texture, dynamics, timbres, style and phrasing in a variety of band or orchestral scores.

Title
Historical Knowledge

Tags
188031, 1

Learning Outcome
Describe the evolution of various large scale instrumental forms and trace the development of the styles and composition techniques in band history--while citing research sources for adding to that information.

MUSIC 511 - Oratorio Literature for Solo Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
511

Teaching Area
MUSIC

Course Title
Oratorio Literature for Solo Voice

Course Description
History, repertoire, and performance practice of sacred works with a focus on works from the Baroque Era to Contemporary.

Department
Music

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 402A or equivalent.

Learning Outcomes

Title
Outcomes

Tags
188058, 0

Learning Outcome
1. Students will study the history of oratorio repertoire and its styles of performance from the baroque era through to the present day.

2. Students will focus on specific recitative and arias from the oratorio repertoire, and perform extracts in class.

3. Students will complete assignments and give presentations in class that will pertain to their research on oratorio repertoire.

MUSIC 532R - Score Preparation and Conducting: Instrumental

Course Information

Teaching Area (new)
MUSIC

Course Number
532R

Teaching Area
MUSIC

Course Title
Score Preparation and Conducting: Instrumental

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Score Marking

Tags
187670, 1

Learning Outcome
Use a variety of score marking techniques to notate preparation in score analysis and rehearsal planning.

Title
Conducting Clarity

Tags
187901, 2

Learning Outcome
Demonstrate the ability to clearly signal changes in meter, tempo, style, phrasing and dynamics while conducting the ensemble.

Title
Score Analysis

Tags
187939, 0

Learning Outcome
Identify and describe elements of form, rhythm, melody, harmony, texture, dynamics, timbres, style and phrasing in a variety of band or orchestral scores.

Title
Rehearsal Techniques

Tags
187960, 3

Learning Outcome
Demonstrate ability to forecast performance problems and demonstrate techniques and strategies for correcting them.

MUSIC 533R - Choral Conducting and Development

Course Information

Teaching Area (new)
MUSIC

Course Number
533R

Teaching Area
MUSIC

Course Title
Choral Conducting and Development

Course Description
Principles and practices of score preparation, conducting, and choral development as elements of choral artistry.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcome

Tags
188279, 0

Learning Outcome
Students will demonstrate (1) the ability to analyze and graph a score, including factors of form, rhythm, melody, harmony, texture, dynamics, and balance, (2) the ability to prepare the score for rehearsal, creating a clear rehearsal plan, while showing challenges in the score and offering the means for meeting those challenges, and (3) conducting the score in a manner that communicates its style and character.

MUSIC 534R - Score Preparation and Direction: Jazz

Course Information

Teaching Area (new)
MUSIC

Course Number
534R

Teaching Area
MUSIC

Course Title
Score Preparation and Direction: Jazz

Department
Music

When Taught
Fall Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Score Prep

Tags
187703, 0

Learning Outcome
Students will be able to prepare a score for rehearsal.

MUSIC 535R - Instrumental Conducting and Error Detection

Course Information

Teaching Area (new)
MUSIC

Course Number
535R

Teaching Area
MUSIC

Course Title
Instrumental Conducting and Error Detection

Course Description
Development of critical rehearsal and conducting skills through score preparation, lesson planning, rehearsal goals and predicting issues, performance accuracy, score transpositions, error detection, conducting gesture analysis, and music-mapping for the development of expressive conducting gesture.

Department
Music

When Taught
Summer Term Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Conducting and Error Detection

Tags
188091, 1

Learning Outcome

Demonstrate ability to study scores effectively to predict ensemble needs
Demonstrate ability to prepare effectively for rehearsal and develop lesson plans
Demonstrate ability to map a piece
Demonstrate ability to use clear and effective conducting gestures to enhance ensemble's performance
Conduct and perform for each other in micro teaching modules
Demonstrate ability to perform in an ensemble with accuracy and precision
Demonstrate ability to detect errors in score and performance in a positive manner, recommend solutions, and reinforce good behaviors
Analyze and assess performance practice in live lab settings
Demonstrate ability to transpose concert score for each instrument in the ensemble
Students will show empathy, respect and courtesy towards each other throughout the learning process

MUSIC 560R - Performance Instruction: Brass

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Brass

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 544; Term: 272

MUSIC 560R - Performance Instruction: Piano

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Piano

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate student status

Fee
Semester: 560; Term: 280

Note
Fee.

Learning Outcomes

Title
560R Performance Instruction

Tags
187940, 1

Learning Outcome
Prepare performances at a high level, including knowledge of applicable solo and ensemble literature, and perform from a cross-section of that repertory.

MUSIC 560R - Performance Instruction: Organ

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Organ

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction: Voice

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Voice

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction: Percussion

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Percussion

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Fee
Semester: 560; Term: 280

Note
Fee.

MUSIC 560R - Performance Instruction: Woodwind

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Woodwind

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction: Conducting

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Conducting

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction: String

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: String

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 560R - Performance Instruction: Harpsichord

Course Information

Teaching Area (new)
MUSIC

Course Number
560R

Teaching Area
MUSIC

Course Title
Performance Instruction: Harpsichord

Course Description
Performance instruction for students in Music Composition, Music Education, and Music History; secondary instrument study for students in Conducting and Performance; and non-music majors.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Graduate music student status

Fee
Semester: 560; Term: 280

MUSIC 570 - Music for Elementary School Teachers

Course Information

Teaching Area (new)
MUSIC

Course Number
570

Teaching Area
MUSIC

Course Title
Music for Elementary School Teachers

Course Description
Experiences in teaching various music activities in the elementary school.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 371, 471, or elementary music teaching experience

Learning Outcomes

Title
Music for Elementary Teachers

Tags
188092, 1

Learning Outcome
Students will have a greater understanding of the musical needs and abilities for K-6 students.

MUSIC 571 - Elementary Education Music Pedagogy

Course Information

Teaching Area (new)
MUSIC

Course Number
571

Teaching Area
MUSIC

Course Title
Elementary Education Music Pedagogy

Course Description
Orff, Dalcroze, and Kodaly materials and techniques.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Music 371 and equivalent of elementary education teaching minor in music

Learning Outcomes

Title
Music ElEd Pedagogy

Tags
188093, 1

Learning Outcome
Students will learn different methods of teaching music to K-6 students.

MUSIC 575R - Summer Music Workshops and Clinics

Course Information

Teaching Area (new)
MUSIC

Course Number
575R

Teaching Area
MUSIC

Course Title
Summer Music Workshops and Clinics

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Learning Outcomes

Title
Classroom Teaching Techniques

Tags
187984, 0

Learning Outcome
Students will demonstrate ability to apply to their classroom teaching those music education teaching techniques addressed in the given Summer Music Clinic.

MUSIC 576 - Fundamentals and Techniques of the Marching Band

Course Information

Teaching Area (new)
MUSIC

Course Number
576

Teaching Area
MUSIC

Course Title
Fundamentals and Techniques of the Marching Band

Course Description
Planning, charting, and scoring for marching bands.

Department
Music

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Music 294, 296 (or equivalents); music education major status

MUSIC 580R - Topics in Music

Course Information

Teaching Area (new)
MUSIC

Course Number
580R

Teaching Area
MUSIC

Course Title
Topics in Music

Department
Music

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Music 296 or equivalent.

MUSIC 581 - Orchestration 2

Course Information

Teaching Area (new)
MUSIC

Course Number
581

Teaching Area
MUSIC

Course Title
Orchestration 2

Course Description
Advanced studies in orchestration. Includes analysis of techniques seen primarily in modern and contemporary scores as well as the development of related orchestrational skills.

Department
Music

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- MUSIC 481 - Orchestration 1

MUSIC 582 - Composer-Performer Studies

Course Information

Course Number
582

Teaching Area
MUSIC

Course Title
Composer-Performer Studies

Course Description
Study of the theory and practice of the hybrid composer-performer through research into prominent composer-performers, discussion and formulation of composer-performer theory, and application of these ideas in musical projects.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- MUSIC 296 - Music Theory 4

Learning Outcomes

Title
History

Learning Outcome
Students will learn about the contemporary American (as well as historical and international) traditions and practices of composer-performer practice through overviews and case studies.

Title
Theory

Learning Outcome
Students will create their own composer-performer theory that they can use as artists, teachers, and scholars.

Title
Practice

Learning Outcome
Students will apply their composer-performer theory to an evolving lifelong practice that they will demonstrate and develop through several small in-class composer-performer projects culminating in a final project.

MUSIC 583 - Sixteenth-Century Counterpoint

Course Information

Teaching Area (new)
MUSIC

Course Number
583

Teaching Area
MUSIC

Course Title
Sixteenth-Century Counterpoint

Course Description
Strict modal counterpoint in sixteenth- century style (Palestrina); includes species, text setting, and motet.

Department
Music

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 295 - Music Theory 3

Learning Outcomes

Title
16th Century Counterpoint

Tags
187765, 0, 1

Learning Outcome
Students will demonstrate an understanding of the techniques of 16-century counterpoint, including principles applicable to later music.

MUSIC 587R - Composition

Course Information

Teaching Area (new)
MUSIC

Course Number
587R

Teaching Area
MUSIC

Course Title
Composition

Department
Music

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Advanced Composition

Tags
187650, 1

Learning Outcome
Students will receive advanced training in composition, particularly emphasizing larger forces and extended forms.

MUSIC 591 - Advanced Topics in Keyboard Harmony

Course Information

Teaching Area (new)
MUSIC

Course Number
591

Teaching Area
MUSIC

Course Title
Advanced Topics in Keyboard Harmony

Course Description
Topics vary.

Department
Music

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Advanced Keyboard

Tags
188339, 1

Learning Outcome
Through projects in keyboard harmony, sight-reading, transposition, modulation, improvisation, playing by ear, and score reading, advanced keyboard students will continue developing a complete keyboard fluency.

MUSIC 595 - Score Analysis

Course Information

Teaching Area (new)
MUSIC

Course Number
595

Teaching Area
MUSIC

Course Title
Score Analysis

Course Description
Analysis of representative choral and instrumental works from the Renaissance through contemporary styles.

Department
Music

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Score types

Tags
187754, 0

Learning Outcome
Students will demonstrate an understanding of the nature and function of a variety of score types, including what the score says about the intended sound and what it does not.

Title
Style identification

Learning Outcome
Students will be able to examine a score and identify its musical style, period, and genre.

Title
Analytical methods

Learning Outcome
Students will demonstrate a good understanding of current methods of score analysis.

Title
Analytical skills

Learning Outcome
Students will be able to convincingly analyze musical scores using the most appropriate methods.

MUSIC 596 - Schenkerian Analysis

Course Information

Teaching Area (new)
MUSIC

Course Number
596

Teaching Area
MUSIC

Course Title
Schenkerian Analysis

Course Description
Schenker's system of tonal analysis.

Department
Music

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ALL of the following Courses:
- MUSIC 395 - Music Analysis

Learning Outcomes

Title
Structure and Prolongation

Tags
187947, 0, 1

Learning Outcome
Student will demonstrate an understanding of the principles of harmonic structure, prolongation, and related ideas (as articulated by Heinrich Schenker and his followers).

MUSIC 599R - Academic Internship

Course Information

Teaching Area (new)
MUSIC

Course Number
599R

Teaching Area
MUSIC

Course Title
Academic Internship

Course Description
Internship in creative, performing, producing, or teaching applications of major course work.

Department
Music

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Academic Internship

Tags
187701, 0

Learning Outcome
Precise learning outcomes vary from student to student, and are negotiated and explicated prior to the experience and approved by the supervising graduate faculty member.

NAVAJ 100 - Language Study: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
100

Teaching Area
NAVAJ

Course Title
Language Study: Navajo

Course Description
Survival-level conversation, reading, listening, and culture skills in Navajo.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197921, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197922, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197923, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

NAVAJ 101 - First-Year Language Study: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
101

Teaching Area
NAVAJ

Course Title
First-Year Language Study: Navajo

Course Description
Beginning speaking, listening, reading, and writing skills in Navajo.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197917, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197918, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197919, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197920, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

NAVAJ 102 - First-Year Language Study: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
102

Teaching Area
NAVAJ

Course Title
First-Year Language Study: Navajo

Course Description
Second-semester speaking, listening, reading, and writing skills in Navajo.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 101 - First-Year Language Study: Navajo

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197913, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197914, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197915, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197916, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

NAVAJ 201 - Second-Year Language Study: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
201

Teaching Area
NAVAJ

Course Title
Second-Year Language Study: Navajo

Course Description
Intermediate speaking, listening, reading, and writing skills in Navajo.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 102 - First-Year Language Study: Navajo

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197875, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197876, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197877, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197878, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

NAVAJ 202 - Second-Year Language Study: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
202

Teaching Area
NAVAJ

Course Title
Second-Year Language Study: Navajo

Course Description
Continued emphasis on Navajo communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 201 - Second-Year Language Study: Navajo

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197909, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197910, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197911, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197912, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

NAVAJ 305 - Language Skills Development: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
305

Teaching Area
NAVAJ

Course Title
Language Skills Development: Navajo

Course Description
Increasing proficiency in one or more of the following Navajo language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197906, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197907, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197908, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

NAVAJ 321 - Advanced Grammar: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
321

Teaching Area
NAVAJ

Course Title
Advanced Grammar: Navajo

Course Description
Advance your Navajo through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 202 - Second-Year Language Study: Navajo

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197903, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197904, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197905, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
330

Teaching Area
NAVAJ

Course Title
Advanced Language Proficiency Through Cultural Studies: Navajo

Course Description
Study of Navajo culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Navaj 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197899, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197900, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197901, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197902, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

NAVAJ 340 - Introduction to Literature: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
340

Teaching Area
NAVAJ

Course Title
Introduction to Literature: Navajo

Course Description
Explore Navajo culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197895, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197896, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197897, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197898, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

NAVAJ 350 - Advanced Language Study for Career Purposes: Navajo

Course Information

Teaching Area (new)
NAVAJ

Course Number
350

Teaching Area
NAVAJ

Course Title
Advanced Language Study for Career Purposes: Navajo

Course Description
Concentration on Navajo language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NAVAJ 330 - Advanced Language Proficiency Through Cultural Studies: Navajo

Learning Outcomes

Title
Defined Career Purposes

Tags
197890, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197891, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197892, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197893, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197894, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

NDFS 100 - Essentials of Human Nutrition

Course Information

Teaching Area (new)
NDFS

Course Number
100

Teaching Area
NDFS

Course Title
Essentials of Human Nutrition

Course Description
Food-oriented study of nutritional facts and principles as a basis for dietary choices; consequences of choices; scientifically examining controversial topics.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Nutrients

Tags
202080, 1

Learning Outcome
Identify functions of nutrients and their major food sources.

Title
Applications

Tags
202081, 2

Learning Outcome
Identify, interpret, and apply nutrition information.

Title
Scientific Method

Tags
202082, 3

Learning Outcome
Apply the scientific method to identify and interpret credible nutrition information.

Title
Linking Course Outcomes to GE Outcomes

Tags
202463, 0, 4

Learning Outcome
GE Learning Outcomes for Scientific Principles and Reasoning: Biological, Physical, and Social Science 1. Demonstrate an understanding of the basic scientific principles which undergird the scientific process, including the strengths and weaknesses of this process. 2. Appreciate the excitement of discovery that has accompanied important scientific developments. 3. Demonstrate how scientific methodology can be used to analyze real-world science-related problems. 4. Evaluate scientific data and claims in order to make rational decisions on public-policy science issues that affect their community. 5. Express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data. 6. Reflect rationally upon the interface between science and religion. Connected GE Learning Outcome Scientific Principles and Reasoning Course Outcome Measured/Met By:2, 3, 4, 5Identify function of nutrients and their major food sources. Assignment: Dietary Analysis Class discussion Clicker questions Exam Reviews Exam questions1, 2, 3, 4, 5Identify, interpret, and apply nutrition information. Assignment: Dietary Analysis Assignment: Plan and Prepare a Meal Assignment: Weight Loss Diets Paper Class discussion Clicker questions Exam Reviews Exam questions1, 2, 3, 4, 5, 6Apply the scientific method to identify and interpret credible nutrition information. Assignment: Dietary Analysis Class discussion Clicker questions Exam Reviews Exam questions

NDFS 150 - Foods: Choices, Issues, and Trends

Course Information

Teaching Area (new)
NDFS

Course Number
150

Teaching Area
NDFS

Course Title
Foods: Choices, Issues, and Trends

Course Description
Comprehensive discussion of nutrition and health, food composition and function, food microbiology and safety, food processing and preservation, and the role consumers and the public play in the food market. Current issues related to a dynamic and competitive food arena (e.g. genetic engineering, gluten free eating, organic foods, pesticides, fortification, etc.).

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

NDFS 175 - Introduction to Food Science

Course Information

Teaching Area (new)
NDFS

Course Number
175

Teaching Area
NDFS

Course Title
Introduction to Food Science

Course Description
Overview of food science principles of engineering, biology and physical sciences related to the processing, preservation and understanding of food production. Chemical nature of foods, food additives and food safety from the perspective of family and consumer science educators.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

NDFS 191 - Careers in Food Science

Course Information

Teaching Area (new)
NDFS

Course Number
191

Teaching Area
NDFS

Course Title
Careers in Food Science

Course Description
Guest lectures and exposure to vocations in food science.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Enrollment limited to freshmen, sophomores, and juniors.

Learning Outcomes

Title
Career Preparation

Tags
202286, 0, 2

Learning Outcome
Create a portfolio that includes a resume, a compilation of networking contacts, and a sample cover letter of introduction.
For Food Science majors, instructors of subsequent courses in the major will recommend students add major projects, reports, and assignments to their portfolio during their BYU experiences on and off campus.

Title
Food Science Major

Tags
202287, 0, 1

Learning Outcome
Become familiar with opportunities in Food Science; Assess and investigate it as the College of Life Sciences major program best suited for you. Engage with professionals serving in a variety of roles in modern food systems.

NDFS 194 - Nutrition Research Fundamentals

Course Information

Teaching Area (new)
NDFS

Course Number
194

Teaching Area
NDFS

Course Title
Nutrition Research Fundamentals

Course Description
Design of protocols for and ethics of research with human subjects and animals. Scientific literature searches and presentations.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Note
Recommended during freshman year.

Learning Outcomes

Title
Nutrition Experimental Design

Tags
202087, 1

Learning Outcome
Design a nutrition research experiment using methodology employed by NDFS faculty and/or that found in peer reviewed nutritional research papers.

Title
Lab and Research Safety Training

Tags
202088, 0, 2

Learning Outcome
Pass the Institutional Review Board (IRB) CITI training, participate in lab and research specific safety training.

Title
Acquire Basic Lab Skills

Learning Outcome
Participate in active research projects, and get all necessary safety training.

NDFS 200 - Nutrient Metabolism

Course Information

Teaching Area (new)
NDFS

Course Number
200

Teaching Area
NDFS

Course Title
Nutrient Metabolism

Course Description
Chemical structures of nutrients, their food sources, requirements, digestion, absorption, transport, metabolism, functions, storage and excretion; metabolic consequences of nutrient deficiencies, interactions, imbalances, and toxicities.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 101 - Introductory General Chemistry
  AND NDFS 100 - Essentials of Human Nutrition

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND NDFS 100 - Essentials of Human Nutrition

Other Prerequisites

Concurrent enrollment in Chem 285 or 351.

Learning Outcomes

Title
Chemical Structure

Tags
202083, 1

Learning Outcome
Identify chemical structures of amino acids, lipids, carbohydrates, and vitamins.

Title
Deficiencies and Toxicities

Tags
202084, 2

Learning Outcome
List functions, food sources, and consequences of deficiencies and toxicities for each of the essential nutrients.

Title
Consequences of Dietary Practices

Tags
202085, 3

Learning Outcome
Explain the metabolic and physiological basis for the consequences of dietary practices that affect nutrient levels, and relate the consequences to the roles of essential nutrients in metabolic processes.

Title
Diet Analysis

Tags
202086, 4

Learning Outcome
Analyze diets and alter food intake to reach predetermined targets for consumption of specific dietary components or to achieve an overall dietary pattern.

Title
Original Research and Peer-Reviewed Scientific Journal

Tags
202281, 5

Learning Outcome
Analyze the primary nutrition literature and identify statistically and biologically significant data.

NDFS 201 - Society, Nutrition, and Chronic Disease

Course Information

Teaching Area (new)
NDFS

Course Number
201

Teaching Area
NDFS

Course Title
Society, Nutrition, and Chronic Disease

Course Description
This course examines societal, environmental, and individual factors that influence nutrition, chronic disease and leading causes of mortality, and the relationship between chronic disease and dietary patterns in the United States. The course content is primarily based in pertinent scientific literature.

Department
Nutrition, Dietetics, and Food Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 100 - Essentials of Human Nutrition

Learning Outcomes

Title
Understand:

Tags
202294, 1

Learning Outcome
Explain or describe how behavioral, dietary, and environmental factors influence nutrition and chronic disease risks.

Title
Find/Evaluate:

Tags
202295, 2

Learning Outcome
Find scientific research articles and identify their key characteristics. Identify consistencies or inconsistencies in studies of diet and chronic disease risks.

Title
Apply:

Tags
202296, 3

Learning Outcome
Apply information about behavioral, dietary, and environmental factors to reduce chronic disease risks.

NDFS 237 - Introduction to Culinary Arts

Course Information

Teaching Area (new)
NDFS

Course Number
237

Teaching Area
NDFS

Course Title
Introduction to Culinary Arts

Course Description
Introduction to culinary arts. Emphasis on basic skills including: knife skills; plate design and presentation; stocks and sauces; cooking methods for, meats, eggs, fruits, vegetables, grains, and pasta; hors d’oeuvres; breads, baking, and pastry.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Knife Skills

Tags
202393, 1

Learning Outcome
Demonstrate competence in knife safety as well as proper use of knives to fabricate several specific knife cuts

Title
Stocks

Tags
202394, 2

Learning Outcome
Explain the principles of making different types of stocks

Title
Sauces

Tags
202395, 3

Learning Outcome
Describe the five mother sauces including preparation methods and uses for each

Title
Cooking Methods

Tags
202396, 4

Learning Outcome
Identify moist and dry heat cooking methods and applications of each
Apply a variety of cooking methods to proteins, vegetables, and starches

Title
Egg Cookery

Tags
202397, 5

Learning Outcome
Demonstrate competence in cooking eggs to order

Title
Baking and Pastry

Tags
202398, 6

Learning Outcome
Discuss basic principles of bakery and pastry including production of yeast breads, quick breads, cakes, cookies, and pastry

Title
Plating and Design

Tags
202399, 7

Learning Outcome
Demonstrate effective plating and design techniques

NDFS 250 - Essentials of Food Science

Course Information

Teaching Area (new)
NDFS

Course Number
250

Teaching Area
NDFS

Course Title
Essentials of Food Science

Course Description
Overview of food science, including chemical, physical and microbiological principles related to food processing, storage, and utilization. Current issues in food science.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 101 - Introductory General Chemistry

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Other Prerequisites

concurrent enrollment in NDFS 251

Note

This class should be taken concurrently with NDFS 251.

Learning Outcomes

Title
Current Food Science Topics in the News

Tags
202176, 2

Learning Outcome
Recognize (distinguish) current topics in the news and in lay literature as being related to Food Science and Technology

Title
Topics in Scientific Literature

Tags
202183, 4

Learning Outcome
Obtain further information on Food Science topics through library research of the scientific literature

Title
Consumer Concerns

Tags
202207, 3

Learning Outcome
Evaluate the scientific validity of various consumer concerns regarding food production, preservation, and storage

Title
Food Science in your Major

Tags
202219, 5

Learning Outcome
Explain how Food Science knowledge applies to your major field of study, and make the connection between what you're learning and what you plan to do after graduation

Title
Food Safety and Quality

Tags
202220, 7

Learning Outcome
Determine your level of confidence in the safety and quality of the food available to you, having gained an understanding of what happens to food between farm gate and dinner plate

Title
Concepts and Principles

Tags
202102, 0, 1

Learning Outcome
Explain the basic concepts and principles of Food Science

Title
Problem Solving

Tags
202101, 0, 6

Learning Outcome
Solve Food Science related problems based on basic tenants of food chemistry, microbiology, processing, and packaging.

NDFS 251 - Essentials of Food Science Laboratory

Course Information

Teaching Area (new)
NDFS

Course Number
251

Teaching Area
NDFS

Course Title
Essentials of Food Science Laboratory

Course Description
Laboratory experience in the chemistry of changes occurring during food processing, storage, and utilization.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 101 - Introductory General Chemistry

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)

Other Prerequisites
Concurrent enrollment in NDFS 250

Note
This class should be taken concurrently with NDFS 250.

Learning Outcomes

Title
Collaborative Laboratory Experiments

Tags
202103, 3

Learning Outcome
Develop the ability to work in teams to carry out laboratory experiments

Title
Critical thinking skills

Tags
202277, 2

Learning Outcome
Apply critical thinking skills to solve food related questions and problems

Title
Food Chemistry Reactions

Tags
202278, 1

Learning Outcome
Explain the basic chemistry involved in ripening, processing, and storing food

NDFS 290 - Introduction to Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
290

Teaching Area
NDFS

Course Title
Introduction to Dietetics

Course Description
The profession of dietetics; exposure to specialty areas through guest lectures.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
How to become a Registered Dietitian Nutritionist

Tags
202123, 1

Learning Outcome
Understand how to become a Registered Dietitian Nutritionist, including:
Educational requirements and various routes to completion.
Requirements for acceptance to the Didactic Program in Dietetics at BYU.
Requirements for acceptance to a Dietetic Internship.
Requirements for eligibility for Registration by the Commission on Dietetic Registration (CDR)
Requirements for maintenance of continuing CDR Registration.

Title
Defining a Professional

Tags
202124, 3

Learning Outcome
Understand what it means to be a professional.

Title
Future Job Opportunities

Tags
202125, 6

Learning Outcome
Identify what future job opportunities are predicted in the profession of dietetics.

Title
Defining a Registered Dietitian Nutritionist

Tags
202126, 2

Learning Outcome
Understand what a Registered Dietitian Nutritionist is.

Title
Exposure to Registered Dietitian Nutritionist Jobs

Tags
202127, 4

Learning Outcome
Have exposure to a variety of jobs currently held by Registered Dietitian Nutritionists.

Title
Your Dietetic Area of Interest

Tags
202128, 5

Learning Outcome
Identify which area of dietetics is personally most appealing

NDFS 292R - Fieldwork in Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
292R

Teaching Area
NDFS

Course Title
Fieldwork in Dietetics

Course Description
Fieldwork for international students.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Learning Outcomes

Title
Gain skills through fieldwork

Tags
202197, 0

Learning Outcome
Students will demonstrate professional attributes such as customer focus, critical thinking, and time management and work prioritization while developing dietetics-related skills within various organizational structures.

NDFS 300 - Medical Nutrition Therapy 1

Course Information

Teaching Area (new)
NDFS

Course Number
300

Teaching Area
NDFS

Course Title
Medical Nutrition Therapy 1

Course Description
Nutritional assessment and medical nutrition therapy across disease states.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- NDFS 200 - Nutrient Metabolism
  AND CELL 220 - Human Anatomy (with lab)
  AND CELL 305 - Human Physiology

OR

Prerequisites

Complete ALL of the following Courses:

- NDFS 200 - Nutrient Metabolism
  AND CELL 210 - Human Anatomy (with virtual lab)
  AND CELL 305 - Human Physiology

Learning Outcomes

Title
Nutrition Care Process

Tags
202439, 0, 1

Learning Outcome
Apply the four steps of the nutrition care process for nutrition education and medical nutrition therapy for persons with eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

Title
Evidence-Based Practice

Tags
202438, 0, 3

Learning Outcome
Evaluate and implement current evidence-based nutrition education and medical nutrition therapy for eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

Title
Nutrition Assessment

Tags
202432, 0, 2

Learning Outcome
Perform nutrition assessment (food-nutrition related history, anthropometrics, biochemical data, nutrition-focused physical exam, and client history) for persons with eating disorders, obesity, cardiovascular disease, diabetes, renal disease, pulmonary disease, and cancer.

Title
Malnutrition

Tags
212029, 0, 4

Learning Outcome
Identify and document malnutrition (under and over-nutrition).

Title
Core Knowledge for the RDN

Tags
202441, 0, 5

Learning Outcome
2022 ACEND Knowledge Requirements and Course Learning Outcomes

ACEND Knowledge

NDFS 300 Course Learning Outcomes

How objective is met/ measured

KRDN 1.3, 2.1, 2.5, 3.1, 3.3

Nutrition Care Process

Assignments: medical terminology quizzes, heart-healthy diet, diabetic meal plan, modified potassium diet, diabetes/cardiovascular disease case studies chart note, and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)

KRDN 1.3, 2.1, 3.1

Nutrition Assessment

Assignments: 24-hour dietary recall, dietary analysis, math practice, diabetes/cardiovascular disease case studies chart note, and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)
Exams: 1, 2, 3, Final

KRDN 1.1, 1.2, 1.3, 2.1, 2.9, 3.1, 3.3, 3.6

Evidence-Based Practice

Assignments: Malnutrition, bariatric surgery, and pulmonary disease learning assessments; journal club; diet debate; heart healthy diet, diabetic meal plan, and modified-potassium diet; diabetes exchange list quiz, diabetes/cardiovascular disease case studies chart note and oral, and renal/oncology disease case studies chart note and oral, nutrition care process reference (eating disorder, bariatric surgery, cardiovascular disease, diabetes, renal, pulmonary, oncology)
Exams: 1, 2, 3, Final

KRDN 1.3, 3.1

NDFS 310 - Nutrition and Metabolism in Sports and Exercise

Course Information

Teaching Area (new)
NDFS

Course Number
310

Teaching Area
NDFS

Course Title
Nutrition and Metabolism in Sports and Exercise

Course Description
Scientific basis for the role of nutrition in human performance. Critical evaluation of popular practices; making optimal food choices for physical activity.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology
  AND NDFS 100 - Essentials of Human Nutrition

Note
This course was formerly named Sports Nutrition.

Learning Outcomes

Title
Nutrition and Physical Performance

Tags
202467, 1

Learning Outcome
Students will apply their current understanding of nutrition to aspects of physical performance. Describe the factors (exercise intensity, duration, substrate availability and endocrine) that affect energy utilization.

Title
Scientific Research and Evaluation

Tags
202468, 2

Learning Outcome
Search, interpret, and summarize original scientific information. Evaluate nutritional claims for scientific accuracy.

Title
Nutrition Recommendations for Physical Activity

Tags
202469, 3

Learning Outcome
Apply evidence-based nutrition recommendations for sports and exercise in real or hypothetical situations.

NDFS 333 - Nutrition and Genes

Course Information

Teaching Area (new)
NDFS

Course Number
333

Teaching Area
NDFS

Course Title
Nutrition and Genes

Course Description
Use of primary literature to discuss the effect of food on an individual's genome and the effect of genetics on food metabolism and dietary health outcomes.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND NDFS 200 - Nutrient Metabolism

Learning Outcomes

Title
Nutrigenomics

Tags
214225, 0, 1, 2023-08-29 11:38:10

Learning Outcome
Students will be able to evaluate the impact of food on gene expression.

Title
Nutrigenetics

Tags
214226, 0, 2, 2023-08-29 11:38:12

Learning Outcome
Students will be able to evaluate physiological, biochemical and metabolic changes associated with genetic diversity.

Title
Scientific writing

Tags
214227, 0, 3, 2023-08-29 11:38:15

Learning Outcome
Students will demonstrate ability to search, interpret, and summarize original scientific information in an efficiently written scientific paper.

Title
Experimental design

Tags
214228, 0, 4, 2023-08-29 11:38:17

Learning Outcome
Students will demonstrate the ability to design experiments to determine nutrigenetic and nutrigenomic outcomes

NDFS 350 - Food Analysis

Course Information

Teaching Area (new)
NDFS

Course Number
350

Teaching Area
NDFS

Course Title
Food Analysis

Course Description
Principles, methods and techniques of qualitative and quantitative physical, chemical, and biological analysis of food and food ingredients.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 285 - Introductory Bio-organic Chemistry
  AND NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 352 - Organic Chemistry 2
  AND NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory

Learning Outcomes

Title
Demonstrate Laboratory Techniques

Tags
202105, 0, 3

Learning Outcome
Demonstrate practical proficiency in using laboratory techniques common to basic and applied food chemistry, quality assurance, and other food analyses.

Title
Select Appropriate Techniques

Tags
202206, 0, 2

Learning Outcome
Evaluate and select the appropriate analytical technique when presented with a practical problem

Title
Prepare Written and Oral Reports

Tags
202104, 0, 5

Learning Outcome
Prepare a written report and brief oral presentation covering the quality assurance tests required for the analysis of raw ingredients, intermediate products and final product of a food commodity having a standard of identity.

Title
Analyze Data using Statistics

Tags
211185, 0, 4

Learning Outcome
Use statistical principles to appropriately collect and analyze data, and construct visual representation of data.

Title
Explain Analytical Techniques

Tags
202177, 0, 1

Learning Outcome
Explain the principles behind food analytical techniques (primarily chemical and physical rather than microbiological or sensory).

NDFS 355 - Food Process Engineering

Course Information

Teaching Area (new)
NDFS

Course Number
355

Teaching Area
NDFS

Course Title
Food Process Engineering

Course Description
Mass and energy balances, thermodynamics, fluid flow, heat and mass transfer; unit operations in food processing, including thermal processing, refrigeration, freezing, and packaging.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1
  AND PHSCS 105 - General Physics 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 119 - Introduction to Calculus (Inactive)
  AND PHSCS 105 - General Physics 1

Other Prerequisites
Food Science majors only.

Learning Outcomes

Title
Transport Processes and Unit Operations

Tags
202222, 0, 1

Learning Outcome
Solve fluid flow problems to determine flow rate variables and pump requirements.
Assess fluid type and processing requirements to determine appropriate pump type.

Title
Mass and Energy Balances

Tags
202223, 0, 2

Learning Outcome
Calculate the effectiveness and amount of heat exchanged in tubular and plate heat exchangers under various flow conditions.
Calculate the amount of heat recovered in the regeneration section of a HTST pasteurizer under various flow conditions.
Determine the ideal conditions for heat transfer.

Title
Mass and Energy Balances 2

Tags
202224, 0, 3

Learning Outcome
Calculate the coefficient of performance for refrigeration cycles and make a judgment as to which refrigerant is appropriate for a hypothetical application.

Title
Mass and Energy Balances 3

Tags
202225, 0, 4

Learning Outcome
Calculate the amount of steam needed to achieve a hypothetical heating operation.

Title
Unit Operations

Tags
202226, 0, 5

Learning Outcome
Describe how various unit operations work individually and together.

Title
Quality and Safety

Tags
202229, 0, 6

Learning Outcome
Explain the function and operation of various processes and their controls that maximize food safety and processing efficiency while preserving food quality.
Determine thermal processing times.

Title
Packaging

Tags
202227, 0, 7

Learning Outcome
Know the chemistry and barrier properties of commonly used packaging types, including polymers.

Title
Packaging 2

Tags
202228, 0, 8

Learning Outcome
Know the functions of a packaging-type and be able to determine what functions the package is performing.

NDFS 356 - Medical Nutrition Therapy 2

Course Information

Teaching Area (new)
NDFS

Course Number
356

Teaching Area
NDFS

Course Title
Medical Nutrition Therapy 2

Course Description
Medical nutrition therapy across disease states; continuation of NDFS 300.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 300 - Medical Nutrition Therapy 1

Learning Outcomes

Title
Nutritional Health Risks

Tags
202155, 14

Learning Outcome
Assessment and treatment of nutritional health risks

Title
Appropriate Medical Nutrition Therapy and Intervention

Tags
202156, 15

Learning Outcome
Identify the appropriate medical nutrition therapy for specific disease states and provide the appropriate intervention, including calculating and defining diets

Title
Pharmacology, Nutrient Metabolism, Physiology, Genetics, and

Tags
202181, 20

Learning Outcome
Demonstrate understanding of pharmacology, nutrient metabolism, physiology, genetics and biochemistry

Title
Nutrition Care Process

Tags
202195, 18

Learning Outcome
Use the nutrition care process to make decisions, to identify nutrition-related problems and determine and evaluate nutrition interventions, including MNT, disease prevention and health promotion

Title
Evidence Based Guidelines and Protocols

Tags
202200, 17

Learning Outcome
Use current information technologies to locate and apply evidence based guidelines and protocols; (ADA evidence Analysis Library and the Cochrane Database of Systematic Reviews)

Title
Professional Literature

Tags
202201, 16

Learning Outcome
Interpret, evaluate and use professional literature to make ethical evidence-based practice decisions

Title
Communication Skills

Tags
202442, 1

Learning Outcome
Use oral and written communications in presenting an educational session for a group

Title
Effective Team Member

Tags
202443, 3

Learning Outcome
Work effectively as a team member

Title
Public Speaking

Tags
202444, 4

Learning Outcome
Teach class members about a disease, and its medical and nutritional implications

Title
Specific Dietetic Knowledge

Tags
202445, 6

Learning Outcome
Knowledge of: exercise physiology, pathophysiology related to nutrition care, fluid and electrolyte requirements, pharmacology: nutrient-nutrient interaction.

Title
Appropriate Documentation

Tags
202447, 8

Learning Outcome
Appropriately document MNT in a professional format

Title
Nutrient Composition of Foods

Tags
202448, 9

Learning Outcome
Calculate and interpret nutrient composition of foods

Title
Enteral and Parenteral Nutrition Formulations

Tags
202450, 12

Learning Outcome
Calculate enteral and parenteral nutrition formulations

Title
Diets for Health Conditions

Tags
202449, 0, 11

Learning Outcome
Calculate and/or define diets for health conditions addressed by health promotion/disease (allergies, upper and lower gastrointestinal diseases, liver, pancreas, neuromuscular, thyroid, adrenal, rheumatoid, and bone health).

Title
Medical Nutrition Terminology

Tags
202446, 0, 7

Learning Outcome
Demsonstrated ability to interpret medical terminology, interpret laboratory parameters related to nutrition

Title
Core knowledge for the RDN

Tags
202347, 0, 13

Learning Outcome
2022 ACEND Standards Knowledge NDFS 356 Course Learning Outcomes How objective is met/measured KRDN 1.1Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.Case study; paper; exams; journal article assignment KRDN 1.2 Select and use appropriate current information technologies to locate and apply evidence-based guidelines and protocols. Case study, paper, Critical Care ASPEN Guidelines KRDN 1.3Apply critical thinking skills. Homework, case study presentations, chart notes, examsKRDN 2.1Demonstrate effective and professional oral and written communication and documentation. Case study presentation and paper; chart notes KRDN 2.4Discuss the impact of health care policy and diffrent healthcare delivery systems on food and nutrition services. Enteral and parenteral nutrition therapy coverage KRDN 2.5 Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates. Case study KRDN 3.1Use the Nutrition Care Process and clinical workflow elements to assess nutrition related problems, determine appropriate nutrition interventions, and develop plans to monitor the effectiveness of these interventions. Case study; chart notes; exams; nutrition support assignments ;KRDN 3.2 Develop an education session or program/education strategy for a target population Case study presentation

NDFS 361 - Food Microbiology

Course Information

Teaching Area (new)
NDFS

Course Number
361

Teaching Area
NDFS

Course Title
Food Microbiology

Course Description
Pathogenic and spoilage microorganisms in foods and their control. Beneficial microorganisms in food systems. Influence of the food system on growth and survival of microorganisms.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 221 - General Microbiology
  AND MMBIO 222 - General Microbiology Laboratory

Learning Outcomes

Title
Microbial Safety of a Common Food Product

Tags
202464, 0, 5

Learning Outcome
Design and carry out a laboratory experiment to evaluate the microbial safety of a common food product or process

Title
Spoilage Microorganisms

Tags
202168, 0, 4

Learning Outcome
Classify spoilage microorganisms according to the food or foods they are most likely to affect based on the intrinsic and environmental characteristics of the food and compare to various storage methods to determine which method would be most appropriate for the given food product

Title
Laboratory Experiments

Tags
202203, 0, 3

Learning Outcome
Carry out a series of laboratory experiments aimed at isolating and identifying common food borne microbial pathogens

Title
Intrinsic and Environmental Aspects

Tags
202159, 0, 2

Learning Outcome
Understand intrinsic and environmental aspects of foods and how they can be modified to affect the growth and metabolism of food borne microorganisms to include spoilage, pathogenic, and beneficial organisms.

Title
Growth Requirements of Common Food Borne Pathogens

Tags
202205, 0, 1

Learning Outcome
Understand the growth requirements of common food borne pathogens and spoilage microorganisms. Be able to attribute the characteristics of a food borne illness with unknown etiology to the most likely organism. Differentiate which organisms would be likely to grow in a specific food product.

NDFS 362 - Food Processing

Course Information

Teaching Area (new)
NDFS

Course Number
362

Teaching Area
NDFS

Course Title
Food Processing

Course Description
Characteristics of raw food material; principles of food preservation and food processing techniques; packaging materials and methods related to meat, dairy, confections, fruits and vegetables, grain processing, and water and waste water management.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
5

Other Prerequisites
Food Science majors only.

NDFS 363 - Food Processing 2

Course Information

Teaching Area (new)
NDFS

Course Number
363

Teaching Area
NDFS

Course Title
Food Processing 2

Course Description
Characteristics of raw food material; principles of food preservation and food processing techniques; materials and methods related to dairy, fruits and vegetable, and confection processing.\n\n

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory

Learning Outcomes

Title
Plant-based Commodities

Tags
209981, 0, 3

Learning Outcome
Compare and contrast plant-based commodities including yogurt and frozen dessert alternatives. Understand processing unit operations involved in production of non-dairy products. Know basic quality assessments and be introduced to best practices.

Title
Animal-based Commodities

Tags
209980, 0, 2

Learning Outcome
Apply knowledge of different animal species, breeds, and types to determine which are most appropriate for specific finished products (especially dairy products). Understand the processing operations in volved in converrting raw milk in to finished commodities such as cheese, yogurt, and formulated fluid milk). Know basic quality assessments and be introduced to best practices.

Title
Novel / Nontraditional Food Processing

Tags
209982, 0, 4

Learning Outcome
Learn about, develop a technology brief and present on a new food processing technology. Compare and contrast key requirements and advantages/disadvantages referring to traditional techniques.

Title
Food Manufacturing Facilities

Tags
209979, 0, 1

Learning Outcome
Apply knowledge of different food production facilities and their varieties to determine which are most appropriate for finished products. Understand the processing unit operations involved in coverting raw materials into finished products.

NDFS 374 - Food Production Management

Course Information

Teaching Area (new)
NDFS

Course Number
374

Teaching Area
NDFS

Course Title
Food Production Management

Course Description
Managing processes and techniques of quantity food production in commercial and institutional food systems.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Dietetics major status

Learning Outcomes

Title
Menu Planning for Institutional Feeding

Tags
202376, 0, 3

Learning Outcome
3. Demonstrate knowledge of principles of menu planning through creating an appropriate menu for institutional feeding to meet needs of target population. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/ patient's needs KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met by:
Quiz, Menu Planning Assignment, Menu Modification Assignment, Modified Consistency Assignment, Midterm and Final Exams

Title
Foodservice Industry

Tags
202373, 0, 1

Learning Outcome
1. Explain the foodservice industry in the context of a system and describe food consumption issues and trends for consumers.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met by:
Make-Buy Assignment, Menu Assignment, Menu Modification Assignment, Modified Consistency Assignment, Financial Case Studies, ServSafe exam, Quiz, Midterm and Final Exams

Title
Food Product Flow

Tags
202374, 0, 2

Learning Outcome
2. Identify different paths of food product flow and understand the advantages and disadvantages of these operations.
KRDN 1.3: Apply critical thinking skills.
Measured/Met by:
Quiz, Make-buy Assignment, Midterm and Final Exams

Title
Therapeutic Menus

Tags
202382, 0, 4

Learning Outcome
4. Understand the importance of aesthetically pleasing therapeutic menus and apply knowledge to meet individual or group dietary needs. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met by:
Menu Planning Assignment, Menu Modification Assignment, Modified Consistency Assignment, Midterm and Final Exams

Title
Standardized Recipes

Tags
202378, 0, 5

Learning Outcome
5. Discuss need for standardized recipes and appropriately quantify recipes for volume food production. KRDN 1.3: Apply critical thinking skills. KRDN 3.6: Develop nutritionally sound meals, menus and meal plans that promote health and disease management and meet client's/patient's needs Measured/Met by:
Quiz, Menu Planning Assignment, Midterm and Final Exams

Title
Quantity Food Production Techniques, Terminology, and Equipm

Tags
202379, 0, 6

Learning Outcome
6. Apply knowledge of quantity food production techniques, terminology, and equipment used for: soups, sauces, meat, poultry, fish, egg and dairy foods, vegetables, fruits, salads, sandwiches, and baked goods KRDN 1.3: Apply critical thinking skills. KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services. Measured/Met by:
Quiz, Menu Planning Assignment, Modfied Consistency Assignment, Midterm & Final Exams

Title
Food and Labor Costs

Tags
202380, 0, 7

Learning Outcome
7. Accurately calculate food, labor, and inventory costs for financial accountability KRDN 1.3: Apply critical thinking skills. KRDN 4.2: Evaluate a budget/financial management plan and interpret financial data. KRDN 4.7: Evaluate data to be used in decision-making for continuous quality improvement.
Measured/Met by: Quiz, Make/Buy Assignment, Financial Case Studies, Midterm and Final Exams

Title
Principles of Sanitation and Safety in Foodservice

Tags
202381, 0, 14

Learning Outcome
8. Students are able to apply the principles of sanitation and safety to foodservice, and recognize the impact on consumers after becoming ServSafe certified.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met by:
Quiz, ServSafe Certification, ServSafe Allergy Certification, Food Handling Observation Assignment, Midterm and Final Exams

Title
Understand the importance of allergens in quantity food production

Tags
202389, 0, 17

Learning Outcome
9. Apply understanding of allergens in the context of a foodservice operation.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met by:
Quiz, ServSafe Allergy Certification (optional), Midterm and Final Exams

Title
2022 Standards Core Knowledge for the RDN

Tags
202392, 0, 18

Learning Outcome
Accreditation Council for Education in Nutritional Dietetics Core Knowledge for the RDN
2022 Standards

NDFS 375 - Food Production Management Laboratory

Course Information

Teaching Area (new)
NDFS

Course Number
375

Teaching Area
NDFS

Course Title
Food Production Management Laboratory

Course Description
The Food Production Management Laboratory, The Pendulum Court, is a small restaurant where dietetics students have rotations as manager, cook, baker, and in cold foods. The Pendulum Court is designed to give students experience in foodservice management.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Other Prerequisites
NDFS 374 or concurrent enrollment

Learning Outcomes

Title
Quantity Food Preparation Techniques and Food Science Knowle

Tags
202375, 0, 1

Learning Outcome
1. Apply appropriate quantity food preparation techniques and Food Science knowledge for soups, sauces, meat, poultry, fish, dairy foods, vegetables, fruits, salads, sandwiches, and baked goods.
KRDN 1.3: Apply critical thinking skills.
KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By: Daily Performance Evaluations, Manager Evaluation, Worksheets, Exams

Title
Quantity Food Production

Tags
202377, 0, 2

Learning Outcome
2. Use appropriate controls in quantity food production.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By: ServSafe Certification, Worksheets, Daily Performance Evaluations, Exams

Title
Safety and Sanitation Principles

Tags
202391, 0, 3

Learning Outcome
3. Demonstrate use of appropriate safety and sanitation principles during food production and service to the customer.
KRDN 1.3: Apply critical thinking skills.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met By: ServSafe Certification, Daily Performance Evaluations, Worksheets, Exams

Title
Foodservice Equipment

Tags
202383, 0, 4

Learning Outcome
4. Demonstrate safe and appropriate use of and cleaning of foodservice equipment.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
KRDN 4.5: Apply safety and sanitation principles related to food, personnel and consumers.
Measured/Met By: Daily Performance Evaluations

Title
Presentation and Service of Food

Tags
202385, 0, 5

Learning Outcome
5. Demonstrate effective presentation and service of food.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By:
Daily Performance Evaluations, Peer Evaluation, Worksheets, Exams

Title
Team Work Skills

Tags
202386, 0, 6

Learning Outcome
6. Students will work effectively as a team member as evidenced through good communication, appropriate assertiveness, and effective time management skills.
KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
KRDN 5.4 Practice resolving differences or dealing with conflict.
KRDN 5.5 Promote team involvement and recognize the skills of each member.
Measured/Met By: Daily Performance Evaluations, Peer Evaluations

Title
Monitoring Tools for Quality Improvement

Tags
202388, 0, 7

Learning Outcome
7. Use various monitoring tools to analyze data for continuous quality improvement.
KRDN 1.3: Apply critical thinking skills.
KRDN 2.1: Demonstrate effective and professional oral and written communication and documentation.
KRDN 4.2: Evaluate a budget/financial management plan and interpret financial data.
KRDN 4.7: Evaluate data to be used in decision-making for continuous quality improvement.
Measured/Met By:
Daily Performance Evaluations, Manager Worksheet, Manager Dollar Data, Exams

Title
Production Management Skills

Tags
202387, 0, 8

Learning Outcome
8. Demonstrate efficient and effective food production management skills ensuring that foodservice operation meets the needs of the customers.
KRDN 1.3: Apply critical thinking skills.
KRDN 5.6: Demonstrate an understanding of the importance and expectations of a professional in mentoring and precepting others.
KRDN 4.6: Explain the processes involved in delivering quality food and nutrition services.
Measured/Met By:
Daily Performance Evaluations, Peer Evaluations, Manager Dollar Data, Evaluation of Intern Performance

Title
2022 Knowledge and Competency Statements for the RDN

Tags
202390, 0, 9

Learning Outcome
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RDN
2022 Standards

NDFS 380 - International Nutrition.

Course Information

Teaching Area (new)
NDFS

Course Number
380

Teaching Area
NDFS

Course Title
International Nutrition.

Course Description
Causes and consequences of nutrient deficiencies common in developing countries. Appropriate interventions to prevent or treat malnutrition.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- NDFS 100 - Essentials of Human Nutrition

Learning Outcomes

Title
Undernutrition and Hunger in the Developing World

Tags
202090, 0, 1

Learning Outcome
Understand the breadth and causes of undernutrition, poverty and hunger in the developing world.

Title
Solutions for Undernourishment

Tags
202091, 0, 3

Learning Outcome
Relate the nutritional status of undernourished children to their diets and suggest realistic solutions

Title
Nutrient Deficiencies and Cognitive Development

Tags
202089, 0, 2

Learning Outcome
Relate critical nutrient deficiencies to nutritional diseases and poor cognitive development

Title
Humanitarian Opportunities

Tags
211634, 0, 4

Learning Outcome
Become familiar with non-profit organizations and the humanitarian work they do around the world

NDFS 390R - Special Topics in Nutrition, Dietetics, and Food Science

Course Information

Teaching Area (new)
NDFS

Course Number
390R

Teaching Area
NDFS

Course Title
Special Topics in Nutrition, Dietetics, and Food Science

Course Description
Various topics related to nutrition, dietetics, and/or food science.

Department
Nutrition, Dietetics, and Food Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Multiple Subject Areas in Food and Nutrition

Tags
202279, 0

Learning Outcome
Various subjects are covered as tailored by the faculty member and student, including:
International Fieldwork in Nutrition: Observe and evaluate food and nutriton practices in an international setting.
Food Science College Bowl: Increase knowledge of food science and develop team skilss by preparing for and competing in the IFT College Bowl competition.
Food Design: Work with Industrial Design program on food-related projects involving food technology and design.

NDFS 399R - Academic Internship in Nutritional Science

Course Information

Teaching Area (new)
NDFS

Course Number
399R

Teaching Area
NDFS

Course Title
Academic Internship in Nutritional Science

Course Description
On- or off-campus work experience sponsored by industrial, government, or academic institutions.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Instructor's consent.

Note
An APPROVED Internship Application is required before adding.

NDFS 399R - Academic Internship

Course Information

Teaching Area (new)
NDFS

Course Number
399R

Teaching Area
NDFS

Course Title
Academic Internship

Course Description
Off-campus work experience sponsored by industrial, government, or academic institutions.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Instructor's consent

Note
An APPROVED Internship Application is required before adding.

NDFS 399R - Academic Internship in Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
399R

Teaching Area
NDFS

Course Title
Academic Internship in Dietetics

Course Description
Off-campus work experience sponsored by industrial, government, or academic institutions.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Instructor's consent.

Note
An APPROVED Internship Application is required before adding.

NDFS 399R - Academic Internship in Food Science

Course Information

Teaching Area (new)
NDFS

Course Number
399R

Teaching Area
NDFS

Course Title
Academic Internship in Food Science

Course Description
Off-campus work experience sponsored by industrial, government, or academic institutions.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Instructor's consent.

Note
An APPROVED Internship Application is required before adding.

NDFS 400 - Community Nutrition

Course Information

Teaching Area (new)
NDFS

Course Number
400

Teaching Area
NDFS

Course Title
Community Nutrition

Course Description
Public health nutrition applied to community programs.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- NDFS 200 - Nutrient Metabolism

OR

Prerequisites

Complete ALL of the following Courses:

- NDFS 201 - Society, Nutrition, and Chronic Disease

Learning Outcomes

Title
Nutrition Programs and Policies

Tags
202092, 2

Learning Outcome
1. Describe various community nutrition programs, government health care programs, and policies aimed to enhance the nutritional status and overall health of individuals in the US population.

Title
Grant Proposal

Tags
202093, 3

Learning Outcome
2. Effectively write a grant proposal that encompasses the basic elements of implementing community nutrition programs, including a needs assessment, program planning, implementation and evaluation, and budget preparation, and conduct the proposed project in a real-life community setting.

Title
Oral and Written Communication

Tags
202285, 1

Learning Outcome
3. Exhibit competent communication skills in both written and oral communication for lay and professional audiences in the performance of course assignments.

NDFS 405 - Nutrition Assessment Lab

Course Information

Teaching Area (new)
NDFS

Course Number
405

Teaching Area
NDFS

Course Title
Nutrition Assessment Lab

Course Description
Developing skill in anthropometric, biochemical, clinical, and dietary parameters of nutritional assessment.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
NDFS 300 or concurrent enrollment & dietetics major status

Learning Outcomes

Title
Assessment Procedures

Tags
202129, 2

Learning Outcome
Accurately perform and interpret assessment procedures (the first step in the nutrition care process) to identify nutrition-related problems.

Title
Locate, Interpret, Evaluate and Use Professional Literature

Tags
202130, 1

Learning Outcome
Demonstrate the ability to locate, interpret, evaluate and use professional literature in the process of nutritional assessment.

Title
Safety Principles in Laboratory Procedures

Tags
202131, 7

Learning Outcome
Apply safety principles in laboratory procedures regarding blood-borne pathogens and the disposal of biohazardous waste.

Title
Core Knowledge for the RDN

Tags
202348, 0, 5

Learning Outcome
2022 ACEND Standards

AND Knowledge Requirement/LO

NDFS 405 Course Learning Outcomes

Measured/Met by:

KRDN 1.3

Apply critical thinking skills

Competency Sign-offs, Blood Pressure Certification, Lab Worksheets

KRDN 3.1

Use the Nutrition Care Process and clinical workflow elements to assess nutritional parameters, diagnose nutrition-related problems, determine appropriate nutrition interventions, and develop plans to monitor the effectiveness of these interventions.

Competency Sign-off, Lab Worksheets
Practicum

NDFS 410 - Human Obesity

Course Information

Teaching Area (new)
NDFS

Course Number
410

Teaching Area
NDFS

Course Title
Human Obesity

Course Description
Comprehensive examination of the trends, implications, treatment, and prevention of human obesity taught from the scientific, evidence-based literature.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 100 - Essentials of Human Nutrition
  AND NDFS 200 - Nutrient Metabolism

NDFS 424 - Nutrition Through the Life Cycle

Course Information

Teaching Area (new)
NDFS

Course Number
424

Teaching Area
NDFS

Course Title
Nutrition Through the Life Cycle

Course Description
Nutritional requirements, diet, and health concerns for pregnancy and lactation; infants; toddlers and preschoolers; school-age children; adolescents; and older adults.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 220 - Human Anatomy (with lab)
  AND CELL 305 - Human Physiology
  AND NDFS 200 - Nutrient Metabolism

Learning Outcomes

Title
Child Nutrition Assessment

Tags
202297, 7

Learning Outcome
3. Assess the nutritional status of a young child and provide appropriate recommendations for dietary improvement based on nutrient requirements during this life stage.

Title
Pregnancy Nutrition Assessment

Tags
202298, 4

Learning Outcome
2. Assess the nutritional status of a pregnant woman and provide appropriate recommendations for dietary improvement based on nutrient requirements during this life stage.

Title
Older Adult Nutrition Assessment

Tags
202299, 8

Learning Outcome
4. Assess and evaluate the nutritional status of an older adult.

Title
Evidence-based Nutrient Requirements and Assessment

Tags
202094, 0, 1

Learning Outcome
1. Demonstrate knowledge of evidence-based nutrient requirements (including the rationale for specific requirements throughout the life cycle) and nutritional status assessment methods used to determine diet adequacy among pregnant and lactating women; infants; children; adolescents; and older adults.

Title
2022 ACEND Standards

Tags
212277, 0, 9

Learning Outcome

2022 ACEND Core Knowledge

Learning Outcome

Measured By

KRDN1.1

Evidence-based Nutrient Requirements and Assessment

Mid-term and Final Exams

KRDN3.2

Pregnancy Nutrition Assessment
Child Nutrition Assessment
Older Adult Assessment

Pregnancy Project, Well-Child Project, Older Adult Project

NDFS 434 - Nutritional Bio-organic Chemistry

Course Information

Teaching Area (new)
NDFS

Course Number
434

Teaching Area
NDFS

Course Title
Nutritional Bio-organic Chemistry

Course Description
Principles of organic chemistry and biochemistry relating to the function and structure of macronutrients, vitamins, and minerals.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology
  AND CHEM 285 - Introductory Bio-organic Chemistry
  AND NDFS 200 - Nutrient Metabolism

Learning Outcomes

Title
Physiological and Biochemical Changes in the Body

Tags
202273, 4

Learning Outcome
Identify possible physiological and biochemical changes in the body associated with deficient or excessive nutrient intakes.

Title
Enzymatic Reactions

Tags
202274, 5

Learning Outcome
Understand the role of enzyme kinetics, structure, and active sites in catalyzing biochemical reactions.

Title
Scientific Research and Communications

Tags
202344, 1

Learning Outcome
Demonstrate ability to search, interpret, and summarize original scientific information

Title
Nutrient Chemical Structure and Metabolism

Tags
202345, 2

Learning Outcome
Demonstrate knowledge of the chemical structure of nutrients, their food sources, the scientific basis for nutrition requirements, digestion, absorption, transport, metabolism and functions, and the metabolic consequences of nutrient deficiencies, interactions, imbalances and toxicities.

Title
Biochemical Functions and Pathways

Tags
202346, 3

Learning Outcome
Understand the biochemical functions and pathways of nutrients in the body.

Title
Core Knowledge for the RND

Tags
212308, 0, 6

Learning Outcome
2022 ACEND Standards

AND Knowledge Requirement/LO

NDFS 434 Course Learning Outcomes

Measured/Met by:

KRDN 1.1

Demonstrate how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions.

Macronutrient review paper and micronutrient presentation

KRDN 2.1

Demonstrate effective and professional oral and written communication and documentation.

Macronutrient review paper and micronutrient presentation

KRDN 3.5

Describe concepts of nutritional genomics and how they relate to medical nutrition therapy, health and disease.

Exam questions, genomics assignment

NDFS 435 - Nutritional Biochemistry and Metabolism

Course Information

Teaching Area (new)
NDFS

Course Number
435

Teaching Area
NDFS

Course Title
Nutritional Biochemistry and Metabolism

Course Description
Biochemical and metabolic processes and interrelationships among nutrients.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology
  AND CHEM 481 - Biochemistry.
  AND NDFS 200 - Nutrient Metabolism

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 305 - Human Physiology
  AND NDFS 200 - Nutrient Metabolism
  AND NDFS 434 - Nutritional Bio-organic Chemistry

Learning Outcomes

Title
Nutrient Metabolism and Body Homeostasis

Tags
202343, 5

Learning Outcome
Identify physiological, biochemical and metabolic changes associated with deficient nutrient intake, excessive nutrient intake and selected metabolic diseases.

Title
Scientific Research and Writing

Tags
202466, 0, 1

Learning Outcome
Demonstrate ability to search, interpret, and summarize original scientific information in an efficiently written scientific paper.

Title
Nutrient Chemical Structure and Metabolism

Tags
202340, 0, 2

Learning Outcome
Demonstrate knowledge of nutrient chemical structures, food sources, digestion, absorption, transport, metabolism and functions, and the metabolic consequences of nutrient deficiencies, interactions, imbalances and toxicities.

Title
Experimental Design

Tags
202341, 0, 3

Learning Outcome
Demonstrate knowledge of appropriate design for scientific experiments.

Title
Biochemical Functions and Pathways

Tags
202342, 0, 4

Learning Outcome
Understand the biochemical functions and pathways of nutrients in the body.

NDFS 440 - Nutrition Education and Counseling

Course Information

Teaching Area (new)
NDFS

Course Number
440

Teaching Area
NDFS

Course Title
Nutrition Education and Counseling

Course Description
Learning theory; curriculum development and dissemination; nutrition counseling; for dietetics majors.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Design Teaching Plans

Tags
202318, 0, 2

Learning Outcome
Design teaching plans including objectives, concepts, and learning experiences appropriate for target audience.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5

Title
Educational and Visual Support Materials

Tags
202319, 0, 5

Learning Outcome
Develop appropriate educational and visual support materials for individual or group instruction.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Title
Education and Counseling Techniques

Tags
202320, 0, 6

Learning Outcome
Demonstrate effective education and counseling techniques.
KRDN 2022: 2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Title
Behavior Change Theories and Models

Tags
202321, 0, 7

Learning Outcome
Evaluate behavior change theories and models as part of nutrition interventions
KRDN 2022: 3.2, 3.3

Title
Evaluation Techniques

Tags
202322, 0, 9

Learning Outcome
Use formative and summative evaluation techniques for both self-assessment and learner assessment.
KRDN 2022: 2.1, 3.2, 5.5, 5.6

Title
Core Knowledge for the RDN

Tags
202323, 0, 10

Learning Outcome
2022 ACEND Standards

Core Knowledge for the RDN

Learning Outcome

Measured Met by

2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Demonstrate effective education and counseling techniques.

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart

3.2, 3.3

Evaluate behavior change theories and models as part of nutrition interventions

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart, exams

2.1, 2.6, 3.2, 3.3, 5.5, 5.6

Develop appropriate educational and visual support materials for individual and group instruction

Micro-teaching, teaching method, lesson plan, bulletin board, social media, handout, flip chart, exams, Harvard implicit, cultural knowledge, exams, copyright tutorial

2.1, 2.6, 3.2, 3.3, 5.5

,Design teaching plans including objectives, concepts, and learning experiences appropriate for target audience

Lesson Plans, Social Media Plan, Objective Assignment, Exam, Learning Styles Inventory, Harvard implicit, cultural knowledge

NDFS 445 - Foodservice Systems.

Course Information

Teaching Area (new)
NDFS

Course Number
445

Teaching Area
NDFS

Course Title
Foodservice Systems.

Course Description
Input, transformation, and output in the food service system; emphasizes procurement, production, service, and sanitation.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 374 - Food Production Management

Learning Outcomes

Title
Industry Trends

Tags
202350, 0, 1

Learning Outcome
Analyze current societal, demographic, technological, and menu trends and topics in a variety of industry segments
KRDN 2022: 2.1, 2.6

Title
Foodservice System Model

Tags
202351, 0, 1

Learning Outcome
Analyze the foodservice system model and the relationship of each of its parts

Title
Cultural Humility in Menu Planning

Tags
212967, 0, 10

Learning Outcome
Understand and apply concepts of cultural humility related to foodservice management and menu planning.
KRDN 2022 2.6, 3.6

Title
Systems Theory

Tags
202352, 0, 2

Learning Outcome
Understand and apply systems theory and knowledge of management functions to foodservice operations as well as other areas of the dietetic industry
KRDN 2022: 4.1, 4.6

Title
Procurement

Tags
202353, 0, 3

Learning Outcome
Discuss the procurement subsystem and the functions fo that subsystem including
- Vendors and vendor selection
- Methods of purchasing, receving, storage, and inventory control
- Understand specifications and value analysis and their use in purchasing
KRDN 2022: 2.5, 4.6

Title
Production

Tags
202354, 0, 4

Learning Outcome
Understand the food production subsystem and the functions of that subsystem

Understand and apply the use of forecasting models
Discuss planning, purchase and use of kitchen equipment
Discuss the purpose and use of an ingredient room and production schedules
Understand and apply principles of facility design and kitchen layout

KRDN 2022: 4.2, 4.6

Title
Distribution and Service

Tags
202355, 0, 5

Learning Outcome
Understand the distribution and service subsystem

Differentiate between delivery systems for various types of foodservices
Discuss pros and cons of methods of distribution
Define different types and methods of service

KRDN 2022: 2.4

Title
Sanitation and Safety

Tags
202356, 0, 6

Learning Outcome
Safety, Sanitation, and Maintenance Subsystem

Understand principles of safety and maintenance as they apply to foodservice systems

KRDN 2022: 4.5

Title
Sustainability

Tags
202357, 0, 7

Learning Outcome
Understand and apply principles of sustainability and how it applies to foodservice systems as well as other parts of the dietetics industry.

Title
Marketing

Tags
202358, 0, 8

Learning Outcome
Understand basic principles of marketing and apply them to a foodservice system

Discuss marketing of nutrition and self

KRDN 2022: 4.1

Title
Foodservice System Interrelation

Tags
202359, 0, 9

Learning Outcome
Critically evaluate and describe each part of the foodservice system indiviually and as a whole and understand how they interrelate with each other
KRDN 2022: 1.3, 2.1, 4.6

NDFS 450 - Food Chemistry

Course Information

Teaching Area (new)
NDFS

Course Number
450

Teaching Area
NDFS

Course Title
Food Chemistry

Course Description
Structure and properties of food components, including water, carbohydrates, protein, lipids, other nutrients, and food additives. Chemistry of changes occurring during processing, storage, and utilization.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 285 - Introductory Bio-organic Chemistry
  AND NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 352 - Organic Chemistry 2
  AND NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory

Learning Outcomes

Title
Explain Food Chemistry

Tags
202108, 0, 1

Learning Outcome
Explain the chemistry underlying the properties and reactions of various food components.

Title
Discuss Reactions Limiting Shelf Life

Tags
202109, 0, 2

Learning Outcome
Discuss the major chemical reactions that limit the shelf life of foods.

Title
Applying Food Chemistry Principles

Tags
209107, 0, 3

Learning Outcome
Apply food chemistry principles used to control reactions in foods.

Title
Analytical Approach to Problem Solving

Tags
202106, 0, 4

Learning Outcome
Design an appropriate analytical approach to solve a practical problem. This includes the following: 1. Develop a testable research question, hypothesis, and objectives. 2. Design a method to investigate a research question.

Title
Locate Credible Resources

Tags
202107, 0, 5

Learning Outcome
Locate evidence-based scientific information resources.

Title
Synthesize Academic Literature

Learning Outcome
Synthesize academic literature to explain a food chemistry topic.

Title
Communicate Scientific Ideas

Learning Outcome
Communicate scientific ideas persuasively (i.e. problem significance, methodological appropriateness, potential benefits) and report references appropriately.

Title
Disciple-Food Scientist

Learning Outcome
Integrate gospel principles and food science knowledge, skills, and conduct in the pursuit of becoming a disciple-scholar-professional.

NDFS 455 - Financial Management in Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
455

Teaching Area
NDFS

Course Title
Financial Management in Dietetics

Course Description
Basic financial management principles focused on application to the dietetics industry. Topics include basic accounting, financial statements, financial ratios, financial control, productivity measures, menu pricing, menu engineering, billing and coding, and budgets and budgeting.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 374 - Food Production Management
  AND NDFS 445 - Foodservice Systems.

Learning Outcomes

Title
Menu Pricing

Tags
202471, 2

Learning Outcome
Utilize menu pricing strategies including menu engineering to appropriately price and develop menus

Title
Recipe Costing

Tags
202472, 1

Learning Outcome
Demonstrate competency in recipe factoring and recipe costing

Title
Financial Statements

Tags
202473, 3

Learning Outcome
Interpret financial statements and financial ratios
KRDN 4.2

Title
Billing and Coding

Tags
202480, 8

Learning Outcome
Describe the regulation system related to billing and coding, what services are reimbursable by third party payers, and how reimbursement may be obtained
KRDN 2.4; 4.3

Title
Budgeting

Tags
202477, 0, 7

Learning Outcome
Evaluate and analyze different types of financial budgets
KRDN 1.3, 4.2

Title
Learning Outcomes Table

Tags
212167, 0, 9

Learning Outcome

*ACEND Knowledge Requirement

By the conclusion of the course, students will:

Measured/Met by:

Demonstrate competency in recipe factoring and recipe costing

Recipe and Menu Pricing Assignment

Utilize menu pricing strategies including menu engineering to appropriately price and develop menus

Recipe and Menu Pricing Assignment

KRDN 4.2

Interpret financial statements and financial ratios

Financial statement assignment; Exams

KRDN 4.2
KRDN 1.3
KRDN 4.7

Calculate and interpret food, labor, and other cost ratios

Financial statement assignment; Exams

KRDN 4.2

Title
Cost Ratios

Tags
202474, 0, 4

Learning Outcome
Calculate, interpret, and apply food, labor, and other cost ratios
KRDN 4.2, 1.3, 4.7

Title
Operational Measures

Tags
202475, 0, 5

Learning Outcome
Calculate and interpret operational measures including breakeven points, productivity, and cost of goods sold
KRDN 1.3, 4.2

Title
Payback and Present Value

Tags
202476, 0, 6

Learning Outcome
Calculate payback period and net present value of equipment purchases
KRDN 4.2

NDFS 458 - Management in Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
458

Teaching Area
NDFS

Course Title
Management in Dietetics

Course Description
Management cycle and theory applied to clinical and administrative dietetics.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 445 - Foodservice Systems.

Learning Outcomes

Title
Disaster Planning and Risk Management

Tags
202215, 10

Learning Outcome
Discuss concepts of disaster planning and risk management.

Title
Dietetics Management

Tags
202133, 0, 1

Learning Outcome
Explain dietetics management professional opportunities.

Title
Self-Assessment

Tags
202134, 0, 2

Learning Outcome
Perform self-assessment related to work and management practice.

Title
Group Work

Tags
202132, 0, 3

Learning Outcome
Discuss group dynamics, work group formation, and participate effectively in group tasks.

Title
Linking Processes

Tags
202135, 0, 4

Learning Outcome
Describe the linking processes from the Systems Model: balance, communication, and decision making.

Title
Management Functions

Tags
202136, 0, 5

Learning Outcome
Identify the management functions in the context of the Systems Model, including planning, organizing, staffing, directing, and controlling.

Title
Human Resource Management

Tags
202137, 0, 7

Learning Outcome
Identify principles of human resource management, including determining staffing needs, recruiting and interviewing, selection, negotiation, orientation and training, constructive discipline, performance appraisal, diversity, equity, and inclusion issues, conflict resolution, and employment laws/regulations.

Title
Research and Theory

Tags
202138, 0, 8

Learning Outcome
Describe theories of effective management and leadership, motivation, and organizational change. Find and use relevant research.

Title
ACEND Knowledge Requirement for the RDN (2022 ACEND Standards)

Tags
202465, 0, 12

Learning Outcome

Management in Dietetics

ACEND Knowledge Requirement for the RDN

By the conclusion of the course, students will:

Measured/Met by:

KRDN 1.1, 1.3

Explain dietetics management professional opportunities.

In-class activity

KRDNs 5.1, 5.2

Perform self-assessment related to work and management practice.

Devotional Reflection, KQS, Self-Evaluations, My Management Philosophies 1 & 2

KRDNs 2.1, 5.4, 5.5

Discuss group dynamics, work group formation, and participate effectively in group tasks.

Projects 1 & 2; Self and Peer Evaluations

KRDNs 2.1, 4.1

Describe the linking processes from the Systems Model: balance, communication, and decision making.

Reading Journals (RJ); In-class activity/discussion; Exam

NDFS 462 - Food Regulations and Quality Assurance

Course Information

Teaching Area (new)
NDFS

Course Number
462

Teaching Area
NDFS

Course Title
Food Regulations and Quality Assurance

Course Description
Federal and international food regulations and methods of assuring food quality.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Laws, Regulations, Guidelines, and Directives

Tags
202110, 2

Learning Outcome
Be able to locate, retrieve and interpret specific laws, regulations, guidelines and directives relating to food, its manufacture, labeling, distribution and sale

Title
Government Roles in Food Supply

Tags
202111, 5

Learning Outcome
Explain how the legislative, executive, and judicial branches of federal and state government function and interact to regulate and control the safety, wholesomeness, and economy of the food supply

Title
Assuring the Quality of Food Products

Tags
202113, 3

Learning Outcome
Be able to apply the principles of food science and statistics to control and assure the quality of food products

Title
Ethical Reasoning

Tags
202161, 1

Learning Outcome
Apply ethical reasoning to make business decisions based on principles of integrity and honesty

Title
Legal Food Labels

Tags
202112, 0, 6

Learning Outcome
Understand/Map and prepare a legal food label

Title
Food Safety Plan

Tags
202114, 0, 4

Learning Outcome
Prepare a robust food safety plan for food product/process

NDFS 464 - Food Sensory Evaluation

Course Information

Teaching Area (new)
NDFS

Course Number
464

Teaching Area
NDFS

Course Title
Food Sensory Evaluation

Course Description
Analytical and affective methods of assessing sensory properties of food using statistical methods. Laboratory experience in sensory research and techniques. Integrative capstone course.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 250 - Essentials of Food Science
  AND NDFS 251 - Essentials of Food Science Laboratory
  AND STAT 121 - Introduction to Statistical Data Analysis

Other Prerequisites
Concurrent enrollment in NDFS 465.

Learning Outcomes

Title
Prepare for and conduct a sensory test

Tags
202216, 0, 1

Learning Outcome
Create and execute a sensory consumer or discrimination test using a sensory questionnaire delivery, data collection and analysis software package.

Title
Client reports

Tags
202212, 0, 4

Learning Outcome
Prepare a professional sensory report for a client.

Title
Statistics

Tags
202213, 0, 6

Learning Outcome
Use statistics to draw conclusions about data.

Title
Test Types and Questions

Tags
202214, 0, 12

Learning Outcome
Demonstrate understanding of sensory test types and which test type is best for meeting project objectives. Be able to select the appropriate questions, scales, and wording for each test type.

Title
Quantitative Descriptive Panels

Tags
202217, 0, 13

Learning Outcome
Demonstrate understanding of how quantitative descriptive panels are conducted. Show how to determine when Quantitative Descriptive panelists are sufficiently trained and when they need more training.

Title
Leading and Participating in Groups

Tags
202193, 0, 14

Learning Outcome
Lead and participate in groups and with clients in developing a sensory test, planning and conducting that test, and reporting the results orally and as a written document.

NDFS 465 - Food Product Development

Course Information

Teaching Area (new)
NDFS

Course Number
465

Teaching Area
NDFS

Course Title
Food Product Development

Course Description
Integration and application of food science principles to develop new food products. Laboratory experience in food product design and development. Integrative capstone course.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 361 - Food Microbiology
  AND NDFS 362 - Food Processing
  AND NDFS 462 - Food Regulations and Quality Assurance

Other Prerequisites
This class should be taken concurrently with NDFS 464.

Learning Outcomes

Title
Specifications

Tags
202115, 1

Learning Outcome
Prepare raw material, product, and process specifications for a product and related commercial manufacturing process

Title
Commercializing

Tags
202116, 2

Learning Outcome
Work with a team in successfully commercializing a new or improved food product

Title
Stability Test

Tags
202117, 3

Learning Outcome
Coordinate, plan, and execute a stability test

Title
Plant Trial

Tags
202118, 4

Learning Outcome
Coordinate, plan, and execute a plant trial

Title
Project Time-lines

Tags
202119, 5

Learning Outcome
Prepare and follow workable project time-lines for multiple development projects

Title
Consumer Tests

Tags
202120, 6

Learning Outcome
Coordinate, plan, and execute an appropriate consumer test for guidance or decision making

Title
Food Product Label

Tags
202121, 7

Learning Outcome
Properly prepare and document all information required for a finished food product label

Title
Laboratory Notebook

Tags
202122, 8

Learning Outcome
Keep a precise, well-documented laboratory notebook that will stand up under scrutiny in a court of law

NDFS 466 - Advanced Dietetics Practice

Course Information

Teaching Area (new)
NDFS

Course Number
466

Teaching Area
NDFS

Course Title
Advanced Dietetics Practice

Course Description
Skill development in specialized topics of medical nutrition therapy and administrative dietetics.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 356 - Medical Nutrition Therapy 2
  AND NDFS 440 - Nutrition Education and Counseling
  AND NDFS 458 - Management in Dietetics

Learning Outcomes

Title
Menu Engineering Data

Tags
202329, 0, 4

Learning Outcome
Use and interpret menu engineering data in making pricing and menu decisions.
KRDN 4.6

Title
Nutrition Support

Tags
202328, 0, 2

Learning Outcome
Calculate, monitor, and make recommendations for all forms of nutrition support in inpatient and outpatient settings.
KRDN 1.1, 1.2, 1.3, 2.5, 3.1

Title
Nutrition Care Process and Principles of Medical Nutrition

Tags
202330, 0, 3

Learning Outcome
Use the Nutrition Care Process and the principles of Medical Nutrition Therapy for following conditions: trauma, HIV disease, thermal injury, diabetes, high risk pregnancies, high risk infants, complex pediatric disorders, developmental disorders, metabolic disorders.
KRDN 1.1, 1.2, 1.3, 2.5, 3.1, 4.3

Title
Systems Approach and Management Issues

Tags
202331, 0, 6

Learning Outcome
Develop proposals for food and nutrition services departments by applying knowledge of the systems approach and management issues in foodservice, clinical, and community settings.
KRDN 1.1, 1.2, 1.3, 2.1, 4.1, 4.2, 4.4, 4.6, 5.4, 5.5

Title
Core Knowledge for the RD

Tags
202332, 0, 7

Learning Outcome
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RD

Core Knowledge for the RDN

By the conclusion of the course, students will:

Measured/Met by:

KRDN 1.1, 1.2, 1.3, 2.5, 3.1

Calculate, monitor, and make recommendations for all forms of nutrition support in inpatient and outpatient settings..

Clinical Case Studies
Nutrition Support Worksheets

KRDN 1.1, 1.2, 1.3, 2.5, 3.1, 4.3

Evaulate patients using the Nutrition Care Process and the principles of Medical Nutrition Therapy for following conditions: trauma, HIV disease, thermal injury, diabetes, high risk pregnancies, high risk infants, complex pediatric disorders, developmental disorders, metabolic disorders

Clinical Case Studies, Nutrition Support Worksheet, Case study billing questions

KRDN 4.6

Use and interpret menu engineering data in making pricing and menu decisions.

Capstone Management Project

KRDN 1,1, 1.2, 1.3, 2.1, 4.1, 4.2, 4.4, 4.6, 5.4, 5.5

Develop proposals for food and nutrition services departments by applying knowledge of the systems approach and management issues in foodservice, clinical, and community settings

Capstone Management Project

NDFS 475 - Research Methods in Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
475

Teaching Area
NDFS

Course Title
Research Methods in Dietetics

Course Description
Research techniques in a variety of dietetics practice areas.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Senior status in dietetics program.

Learning Outcomes

Title
Literature Research Reports

Tags
202157, 6

Learning Outcome
Interpret and evaluate research reports in literature

Title
Using Information Technologies

Tags
202187, 2

Learning Outcome
Use current information technologies to locate and apply evidence based guidelines and protocols

Title
Visual Aids and Communication Skills

Tags
202191, 5

Learning Outcome
Utilize visual aids and communication skills to present concepts in oral and written reports

Title
Types of Appropriate Research

Tags
202451, 1

Learning Outcome
Identify types of research and their appropriate use, including: research question, sample selection, methodologies, data collection methods, data analysis methods

Title
Locate, Interpret and Evaluate and Use Professional Literatu

Tags
202452, 1

Learning Outcome
Demonstrate how to locate, interpret and evaluate and use professional literature to make ethical evidence based practice decisions

Title
Design Research Projects

Tags
202453, 3

Learning Outcome
Design research projects using appropriate methods of sample selection and data collection

Title
Survey Questionnaire

Tags
202454, 4

Learning Outcome
Develop survey questionnaire for appropriate research objectives

Title
Basic Statistics

Tags
202455, 7

Learning Outcome
Interpret and apply basic statistics

Title
Core knowledge for the RDN

Tags
202349, 0, 8

Learning Outcome
2022 ACEND Standards

Knowledge

NDFS 475 Course learning outcomes

Measured/Met by:

KRDN 1.1

Identify how to locate, interpret, evaluate and use professional literature to make ethical, evidence-based practice decisions

Class Discussion (CD); in class assignments;
Proposal

KRDN 1.2

Use current information technologies to locate and apply evidence-based guidelines and protocols

Evidence based practice assignment

KRDN 1.3

Apply critical thinking skills

Assignments, CD, Exam

NDFS 490 - Professionalism in Nutrition and Dietetics

Course Information

Teaching Area (new)
NDFS

Course Number
490

Teaching Area
NDFS

Course Title
Professionalism in Nutrition and Dietetics

Course Description
Issues in professional practice.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance in dietetics program.

Learning Outcomes

Title
Standards of Practice and Professional Performance

Tags
202324, 0, 1

Learning Outcome
Analyze the Scope of Practice and Standards of Practice and Professional performance for dietitians and apply the scope and standards to specific cases.
2022 KRDN 2.2, 5.3

Title
Professionalism and Career Readiness

Tags
202326, 0, 3

Learning Outcome
Demonstrate professionalism and career readiness including online presence, dress, and business etiquette.
2022 KRDN 1.3, 2.2

Title
Professional Issues Related to the Academy of Nutrition and

Tags
207960, 0, 4

Learning Outcome
Examine current issues related to the profession of dietetics including ethics, quality, practice applications, and professional membership.
2022 KRDN 1.3, 2.2, 2.4, 2.8, 4.6, 4.7, 5.1

Title
Core Knowledge for the RD

Tags
207962, 0, 5

Learning Outcome
Accreditation Council for Education in Nutrition and Dietetics Core Knowledge for the RD

Core Knowledge

By the conclusion of the course, students will:

Measured/Met by:

KRDN 2.2, 5.3

Demonstrate professionalism and career readiness including online presence, dress, and business etiquette.

Scope of Practice Case, Code of Ethics, Dress Summary, Meeting Agenda, Business Etiquette Discussion

KRDN 1.3, 2.2, 2.9

Analyze the Scope of Practice and Standards of Practice and Professional performance for dietitians and apply the scope and standards to specific cases.

Class discussion, Scope of Practice Case, Scope of Practice Summary, Code of Ethics Quiz

KRDN 1.3, 2.2, 2.4, 2.8, 4.7, 5.1

Examine current issues related to the profession of dietetics including ethics, quality, practice applications, and professional membership.

Scope of Practice Case, Code of Ethics, Quality Management discussion/ activity, Position Consensus Paper, Meeting agenda, Healthcare Delivery Notes, Professionalism in Dietetics Paper

2022 standards

NDFS 491 - Internship Preparation

Course Information

Teaching Area (new)
NDFS

Course Number
491

Teaching Area
NDFS

Course Title
Internship Preparation

Course Description
Selecting internship sites and preparing dietetic internship application packet.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Senior status in dietetics program

Learning Outcomes

Title
2022 ACEND- Required Core Knowledge

Tags
202339, 0, 5

Learning Outcome

2022 ACEND KRDN
Course Objectives
Measured by

2.1
Prepare a succinct and clear application for the dietetic internship or other employment/graduate school pursuits.
Personal statement, resume

5.2
Evaluate personal strengths and weaknesses in context of future dietetic internship, employment, graduate school, or other pursuits.
Personal statement

5.6
Develop goals for professional development following graduation.
Preceptor reflection paper, personal statement

2.1, 5.3
Demonstrate effective professional oral and written communication.
Personal statement, resume, elevator pitch, and video interview evalua

Title
Effective Application Packet

Tags
202335, 0, 1

Learning Outcome
Prepare a succinct and clear application packet for the dietetic internship or other employment/graduate school pursuits.
ACEND 2022 KRDN 2.1

Title
Self-Evaluation

Tags
202336, 0, 2

Learning Outcome
Evaluate personal strengths and weaknesses in context of future dietetic internship, employment, graduate school, or other pursuits.
ACEND 2022 KRDN 5.2

Title
Professional Development

Tags
202338, 0, 3

Learning Outcome
Develop goals for professional development following graduation.
ACEND 2022 KRDN 5.6

Title
Professional Communication

Tags
202337, 0, 4

Learning Outcome
Demonstrate effective professional oral and written communication.
ACEND 2022 KRDN 2.1, 5.3

NDFS 494R - Undergraduate Research in Nutrition, Dietetics, or Food Science.

Course Information

Teaching Area (new)
NDFS

Course Number
494R

Teaching Area
NDFS

Course Title
Undergraduate Research in Nutrition, Dietetics, or Food Science.

Course Description
Mentored research experience.

Department
Nutrition, Dietetics, and Food Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Data Collection and Analysis Methodologies

Tags
202095, 2

Learning Outcome
Students will develop skillsets in data collection, data entry, and/or data analysis methods.

Title
Evaluation of original research

Tags
202096, 1

Learning Outcome
Students will develop an increased understanding of the most up-to-date findings in the areas we are researching in the lab.

Title
Presentation and critical thinking skills

Tags
202097, 4

Learning Outcome
Students will gain experience presenting research to the group and will increase their critical thinking skills discussing original research articles.

NDFS 501 - Advanced Human Nutrition 1

Course Information

Teaching Area (new)
NDFS

Course Number
501

Teaching Area
NDFS

Course Title
Advanced Human Nutrition 1

Course Description
Nutritional status and scientific basis for dietary recommendations for carbohydrates, lipids, protein, and energy.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 285 - Introductory Bio-organic Chemistry

Learning Outcomes

Title
Dietary recommendations for macronutrients

Tags
214229, 0, 1, 2023-08-29 11:39:33

Learning Outcome
Students will be able to explain the scientific basis for dietary recommendations for macronutrients

Title
Mechanisms of Digestion, Absorption, and Transport

Tags
214230, 0, 2, 2023-08-29 11:39:34

Learning Outcome
Students will be able to explain the mechanisms of digestion, absorption, and transport

Title
Macronutrients

Tags
214231, 0, 3, 2023-08-29 11:39:35

Learning Outcome
Students will be able to explain macronutrient functions and interactions and the consequences of deficiencies, imbalances, and toxicities

Title
Metabolic Pathways

Tags
214232, 0, 4, 2023-08-29 11:39:37

Learning Outcome
Students will be able to diagram metabolic pathways for macronutrients

Title
Proficiency with scientific literature

Tags
214233, 0, 5, 2023-08-29 11:39:44

Learning Outcome
Students will be able to correctly interpret and draw inference from the current scientific literature on macronutrients

NDFS 502 - Advanced Human Nutrition 2

Course Information

Teaching Area (new)
NDFS

Course Number
502

Teaching Area
NDFS

Course Title
Advanced Human Nutrition 2

Course Description
Nutritional status and scientific basis for dietary recommendations for vitamins, minerals, and water.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NDFS 435 - Nutritional Biochemistry and Metabolism

Learning Outcomes

Tags
214234, 0, 1, 2023-08-29 11:39:51

Learning Outcome
Explain the scientific basis for dietary recommendations for micronutrients

Tags
214235, 0, 2, 2023-08-29 11:39:52

Learning Outcome
Explain the mechanisms of absorption and transport

Tags
214236, 0, 3, 2023-08-29 11:39:54

Learning Outcome
Explain micronutrient functions and interactions and the consequences of deficiencies, imbalances, and toxicities

Tags
214237, 0, 4, 2023-08-29 11:39:56

Learning Outcome
Diagram metabolic pathways involving micronutrients

Tags
214238, 0, 5, 2023-08-29 11:39:57

Learning Outcome
Correctly interpret and draw inference from the current scientific literature on micronutrients

NDFS 544 - Food Fermentations

Course Information

Teaching Area (new)
NDFS

Course Number
544

Teaching Area
NDFS

Course Title
Food Fermentations

Course Description
Production of fermented food in the food industry. Includes the mechanisms of microorganisms, beginning food product, microbiology of cultures, metabolic pathways, and production and storage methods.

Department
Nutrition, Dietetics, and Food Science

When Taught
Winter Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- CHEM 481 - Biochemistry.

Recommended
MMBIO 221, 222

NDFS 546 - Essentials of Food Packaging

Course Information

Teaching Area (new)
NDFS

Course Number
546

Teaching Area
NDFS

Course Title
Essentials of Food Packaging

Course Description
Fundamentals of packaging materials with an emphasis on food applications. Topics include composition, physical properties, design, specific features, and environmental impact. Apply material and design characteristics to achieve functional purposes in commercial food production settings.

Department
Nutrition, Dietetics, and Food Science

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- NDFS 355 - Food Process Engineering
  AND NDFS 450 - Food Chemistry

OR

Prerequisites

Complete ALL of the following Courses:

- ME EN 450 - Engineering Materials: Selection for Design

OR

Prerequisites

Complete ALL of the following Courses:

- MFGEN 575 - Packaging Technologies

NDFS 558 - Nutritional and Food Toxicology

Course Information

Teaching Area (new)
NDFS

Course Number
558

Teaching Area
NDFS

Course Title
Nutritional and Food Toxicology

Course Description
Principles of nutritional and food toxicology with primary emphasis on food toxins will be discussed. An overview of absorption, distribution, metabolism and excretion of foreign materials, allergenic and toxic constituents in plant, animal, marine and fungal origin will be covered. Priority will be placed on the role food ingredients and nutrients may have in mutagenesis and carcinogenesis, including food processing induced toxins. Safety assessments of food additives, environmental contaminants, pesticides, antibiotic residues and dietary supplements and the laws and regulations surrounding their uses will be presented.

Department
Nutrition, Dietetics, and Food Science

When Taught
Spring Term Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CHEM 481 - Biochemistry.

Recommended
Option 1: NDFS 200 or NDFS 250, NDSF 350 or 435, or equivalent. Option 2: MMBIO 240, PWS 340, BIO 380, or equivalent. Option 3: HLTH 314/315 or equivalent, PDBIO 220, PDBIO 362, HLTH 426. Option 4: Instructor approval

Note
Course may move to a fall or winter semester to support additional interest.

NE LG 321R - Studies in Modern Near Eastern Languages

Course Information

Teaching Area (new)
NE LG

Course Number
321R

Teaching Area
NE LG

Course Title
Studies in Modern Near Eastern Languages

Course Description
Grammar, reading, writing, and conversational skills.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
2

Learning Outcomes

Title
Knowledge

Tags
189690, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

NE LG 340 - Ancient Near Eastern Mythology.

Course Information

Teaching Area (new)
NE LG

Course Number
340

Teaching Area
NE LG

Course Title
Ancient Near Eastern Mythology.

Course Description
Major themes in mythological literature of Egypt, Canaan, Mesopotamia, Anatolia, and ancient Iran. All readings in English.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189691, 1

Learning Outcome
Students will deepen understanding and skills as outlined in individualized contract between student and professor.

NE LG 345 - Texts and Ancient Temples

Course Information

Teaching Area (new)
NE LG

Course Number
345

Teaching Area
NE LG

Course Title
Texts and Ancient Temples

Course Description
Major ancient Near Eastern texts dealing with the temple; analysis of primary elements of ancient temple type as a place of worship.

Department
Asian and Near Eastern Languages

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
NE LG 345 Learning Outcomes

Tags
189616, 0

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:Define the concept of sacred space and time.Understand the temples as sacred space.Analyze temple systems in the ancient world.Understand that the church, synagogue, and mosque have decisively been influenced by the temple.

NE LG 495 - Senior Seminar in Near Eastern Studies

Course Information

Teaching Area (new)
NE LG

Course Number
495

Teaching Area
NE LG

Course Title
Senior Seminar in Near Eastern Studies

Course Description
Capstone course for Near Eastern Studies majors. Includes major research paper demonstrating ability to integrate cross-disciplinary information and methodology.

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Near Eastern Studies major; senior status

Learning Outcomes

Title
Knowledge

Tags
189692, 1

Learning Outcome
Students will become familiar with current topics in this content area.

NE LG 511R - Studies in Ancient Near Eastern Languages

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Studies in Ancient Near Eastern Languages

Course Description
Grammar and reading skills.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189693, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 511R - Ugaritic

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Ugaritic

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
NE LG 511R Learning Outcomes

Tags
189499, 1

Learning Outcome
Upon completion of this course, participants will have acquired the skills necessary to:

Understand and recognize the fundamental elements of subject grammar (i.e., Aramaic, Coptic, Egyptian, Syriac, Akkadian, etc.)
Define the top 300 vocabulary words of the subject language.
Analyze and categorize the verbal system.

NE LG 511R - Akkadian

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Akkadian

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189708, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 511R - Syriac

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Syriac

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189712, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 511R - Egyptian

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Egyptian

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189711, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 511R - Coptic

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Coptic

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189710, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 511R - Aramaic

Course Information

Teaching Area (new)
NE LG

Course Number
511R

Teaching Area
NE LG

Course Title
Aramaic

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189709, 1

Learning Outcome
Students will become familiar with a special topic in this content area.

NE LG 521R - Texts and Temples

Course Information

Teaching Area (new)
NE LG

Course Number
521R

Teaching Area
NE LG

Course Title
Texts and Temples

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189714, 1

Learning Outcome
Students will become familiar with current topics in this content area.

NE LG 521R - Near Eastern Mythology

Course Information

Teaching Area (new)
NE LG

Course Number
521R

Teaching Area
NE LG

Course Title
Near Eastern Mythology

Department
Asian and Near Eastern Languages

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189713, 1

Learning Outcome
Students will become familiar with current topics in this content area.

NE LG 521R - Special Topics in Ancient Near Eastern Literature

Course Information

Teaching Area (new)
NE LG

Course Number
521R

Teaching Area
NE LG

Course Title
Special Topics in Ancient Near Eastern Literature

Course Description
Historical and comparative studies of ancient Near Eastern literature.

Department
Asian and Near Eastern Languages

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
189694, 1

Learning Outcome
Students will become familiar with current topics in this content area.

NES 336R - Ancient Near Eastern Studies

Course Information

Teaching Area (new)
NES

Course Number
336R

Teaching Area
NES

Course Title
Ancient Near Eastern Studies

Course Description
Social science/humanities core course emphasizing ancient history extending to the Byzantine period.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1.5

Fixed/Max:
3

Note
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only.

NES 347R - (NES-Hist 242R) Arab and Islamic Civilization

Course Information

Teaching Area (new)
NES

Course Number
347R

Teaching Area
NES

Course Title
(NES-Hist 242R) Arab and Islamic Civilization

Course Description
Social science/humanities core course covering Arab and Islamic civilization; historical evolution of Middle East to present. Overview of modern Palestinian society.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Note
Elective credit for major and minor in NES. Offered at the Jerusalem Center for Near Eastern Studies only.

Learning Outcomes

Title
Knowledge

Tags
200166, 1

Learning Outcome
Students will deepen their understanding of Arab and Islamic civilization.

NES 349R - (NES-Hist 243R) Jewish Civilization.

Course Information

Teaching Area (new)
NES

Course Number
349R

Teaching Area
NES

Course Title
(NES-Hist 243R) Jewish Civilization.

Course Description
Social science/humanities core course; broad introduction to Jewish self-understanding and history, focusing on relationships among people, faith, and land.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Note
Elective credit for major and minor. Offered at the Jerusalem Center for Near Eastern Studies only.

NES 396R - Jerusalem Center Field Studies 1

Course Information

Course Number
396R

Teaching Area
NES

Course Title
Jerusalem Center Field Studies 1

Course Description
Field work and instruction at important sites in the Holy Land, emphasizing the geography, history, and archaeology of each location.

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
80

Lab Hours

Fixed:
80

Other Prerequisites
Concurrent enrollment in NES 336R

Learning Outcomes

Title
Jerusalem Center Field Trips

Learning Outcome
Recognize and relate the significance of biblical narratives, historical events, and lived experiences to the historical and archaeological sites they have visited during the semester.

Title
Geographic Context

Learning Outcome
Identify major geographic features of Jerusalem and other Holy Land sites, coming to recognize the major topographic divisions of the region and then explain their influence on historical and scriptural events.

Title
Geographic Context

Learning Outcome
Recognize sites connected with key biblical and historical events and then compare their physical and temporal relationship to neighboring sites.

Title
Cultural Context

Learning Outcome
Become familiar with and recognize the material cultures of the civilizations of the Holy Land to explain how they helped shape their history.

Title
Historical Context

Learning Outcome
Recall the historical and archaeological contexts of sites visited during the semester, summarizing their significance to biblical narratives and historical development, explaining how they shaped the experiences of the peoples of the Holy Land.

Title
Scriptural Significance

Learning Outcome
Understand how the geographic and cultural setting shaped scriptural events to better apply the scriptures to current life.

NEURO 205 - Neurobiology

Course Information

Teaching Area (new)
NEURO

Course Number
205

Teaching Area
NEURO

Course Title
Neurobiology

Course Description
Structure and function of the nervous system: cellular communication; sensory, motor, and autonomic systems.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Basic nervous system knowledge

Tags
202539, 0

Learning Outcome
Students will demonstrate an understanding of the structures and functions of the nervous system. This will include the cellular, regional and system organization and function of the brain, spinal cord and peripheral nerves. Students will apply this knowledge to solve neuroscience-related problems.

Title
Preparation for future neuroscience courses

Tags
202635, 2

Learning Outcome
Students will demonstrate the building blocks of knowledge required to further their experience and training in other neuroscience courses.

NEURO 316 - Neuroscience Advanced Writing

Course Information

Teaching Area (new)
NEURO

Course Number
316

Teaching Area
NEURO

Course Title
Neuroscience Advanced Writing

Course Description
Processes of research writing and oral presentation for neuroscience students.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Other Prerequisites
Engl 150 or equivalent; Neuroscience major status

Learning Outcomes

Title
Write clearly and appropriately

Tags
183702, 1

Learning Outcome
Students will demonstrate that they can write clearly, focus on a well-defined purpose in writing, use conventions of format and structure appropriate to their discipline, and adopt a voice, tone, and level of formality suited to multiple purposes and audiences, including audiences both within and outside the discipline in which the course is offered.
Measurement: Informal in-class writing assignments will be given and formal writing assignments will be assigned in multiple drafts with peer- and instructor-review. Genres could include a personal writing journal, letter of intent, letter to the editor, literature review, research proposal, book review, and poster presentation.

Title
Library research

Tags
183703, 3

Learning Outcome
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: Complete the library-usage module provided by the Lee Library.

Title
The role of writing in neuroscience

Tags
183704, 2

Learning Outcome
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

Title
Productive and flexible collaborative writing processes

Tags
183705, 4

Learning Outcome
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

Title
Genres, forms, styles, and documentation conventions

Tags
183706, 5

Learning Outcome
Students will demonstrate the ability to use appropriate research tools and processes of research within their particular discipline, including library research. Students will demonstrate their ability to identify and evaluate sources, retrieve and evaluate data, take notes, and follow conventions of quoting, paraphrasing, and summarizing. They will cite sources properly and demonstrate an understanding of ethical issues related to research, including how to avoid plagiarism.
Measurement: See (1).

NEURO 349R - Neuroscience Teaching Experience

Course Information

Course Number
349R

Teaching Area
NEURO

Course Title
Neuroscience Teaching Experience

Course Description
Undergraduate student lecture or laboratory teaching assistantship, or other activities that provide students hands-on curriculum design, teaching, and mentoring experiences.

Department
Neuroscience Center

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Max:
3

Lab Hours

Min:
3

Max:
9

Learning Outcomes

Title
Teaching Experience

Tags
214239, 0, 1, 2023-08-29 11:41:15

Learning Outcome
Students will demonstrate content mastery and communication skills in teaching course material to other students.

Title
Constructive Feedback

Tags
214240, 0, 2, 2023-08-29 11:41:17

Learning Outcome
Students will respond to constructive feedback from students and the faculty mentor.

NEURO 360 - Neuroanatomy

Course Information

Teaching Area (new)
NEURO

Course Number
360

Teaching Area
NEURO

Course Title
Neuroanatomy

Course Description
Functonal anatomy of the human brain and spinal cord, including surface and cross-sectional gross anatomy, microscopic anatomy, and sensory, motor, and integrative systems' circuitry.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Other Prerequisites
Neuroscience major status.

Learning Outcomes

Title
Function and circuitry of nervous system structures

Tags
202525, 1

Learning Outcome
Students will state the function of identified brain structures and explain how each structure is anatomically connected (wired) to other CNS and PNS structures.

Title
Knowledge of nervous system structures

Tags
202569, 0

Learning Outcome
Students will identify central nervous system structures on pictures, dissections, models, and cross sections of the brain and spinal cord.

Title
Solve clinical case studies

Tags
202577, 2

Learning Outcome
Students will use knowledge of brain and spinal cord anatomy to discuss and analyze neuroanatomy-based clinical case studies.

NEURO 390R - Special Topics in Neuroscience

Course Information

Teaching Area (new)
NEURO

Course Number
390R

Teaching Area
NEURO

Course Title
Special Topics in Neuroscience

Course Description
Exploration of current topics in neuroscience.

Department
Neuroscience Center

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

NEURO 399R - Neuroscience Academic Internship

Course Information

Teaching Area (new)
NEURO

Course Number
399R

Teaching Area
NEURO

Course Title
Neuroscience Academic Internship

Course Description
Off-campus internship experience in neuroscience.

Department
Neuroscience Center

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Major status.

Note
An APPROVED Internship Application is required before adding.

NEURO 420 - Neuropathology

Course Information

Course Number
420

Teaching Area
NEURO

Course Title
Neuropathology

Course Description
This course will focus on the clinical features, neuroimaging findings and the defining pathology of diseases that affect the central and peripheral nervous system.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- NEURO 360 - Neuroanatomy

Other Prerequisites
Neuroscience major status

Learning Outcomes

Title
Clinical presentation of diseases affecting the nervous system

Learning Outcome
Students will analyze clinical case studies and apply appropriate diagnostic criteria for important diseases that affect the nervous system.

Title
Neuroradiological identification of neurological disease

Learning Outcome
Students will identify the neuroimaging findings associated with, and diagnostic of, diseases that affect the nervous system.

Title
Neuropathology of nervous system disease

Learning Outcome
Students will appropriately relate gross anatomical findings, microscopic findings, and pathophysiological markers of the major diseases that affect the nervous system to their clinical case presentations.

NEURO 420R - Senior Practicum: Community Projects

Course Information

Teaching Area (new)
NEURO

Course Number
420R

Teaching Area
NEURO

Course Title
Senior Practicum: Community Projects

Course Description
Capstone experience in community-based service learning related to practice of neuroscience.

Department
Neuroscience Center

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Other Prerequisites
Or instructor's consent.

NEURO 449R - Undergraduate Research Experience

Course Information

Teaching Area (new)
NEURO

Course Number
449R

Teaching Area
NEURO

Course Title
Undergraduate Research Experience

Course Description
Neuroscience-related laboratory research experience skills required to review literature, properly gather and interpret data from scientific experimentation as well as data analysis, writing, and publishing research. Enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.

Department
Neuroscience Center

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Laboratory research experience

Tags
202665, 0

Learning Outcome
Students will gain neuroscience-related laboratory research skills required to review the literature, properly gather and interpret data from scientific experimentation as well as data analysis, writing, and publishing their research. Experiences will enhance student learning through hands-on activities and close collaboration with faculty or a qualified on-campus mentor.

NEURO 455R - Neuroscience Seminar

Course Information

Teaching Area (new)
NEURO

Course Number
455R

Teaching Area
NEURO

Course Title
Neuroscience Seminar

Course Description
Seminar (research) presentations for undergraduates in Neuroscience.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Other Prerequisites
None

Recommended
NEURO 205. A basic understanding of Neuroscience

NEURO 460 - Behavioral Neuroscience

Course Information

Teaching Area (new)
NEURO

Course Number
460

Teaching Area
NEURO

Course Title
Behavioral Neuroscience

Course Description
Critical examination of anatomical, physiological, and chemical bases of behavioral expression.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology
  AND NEURO 360 - Neuroanatomy

Other Prerequisites
Neuroscience major status

NEURO 480 - Cellular Neuroscience

Course Information

Teaching Area (new)
NEURO

Course Number
480

Teaching Area
NEURO

Course Title
Cellular Neuroscience

Course Description
Critical examination of the cellular and molecular bases of nervous system function and development.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology
  AND NEURO 360 - Neuroanatomy

OR

Prerequisites

Complete ALL of the following Courses:

- CELL 362 - Advanced Physiology

Other Prerequisites

CELL 360; Neuroscience or CELL major status.

NEURO 481 - Neuroscience Laboratory

Course Information

Teaching Area (new)

NEURO

Course Number

481

Teaching Area

NEURO

Course Title

Neuroscience Laboratory

Course Description

Exposure to classical/modern experiments in neuroscience.

Department

Neuroscience Center

When Taught

Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Other Prerequisites

Neuroscience major status

Learning Outcomes

Title
Write a Scientific Laboratory Report

Tags
202668, 2

Learning Outcome
Understand fundamentals of statistical analysis (including proper techniques, applications, and interpretations) and produce a well-written scientific report.

Title
Neuroscience Laboratory Theory & Technique

Tags
202667, 0, 0

Learning Outcome
Students will demonstrate an understanding of and an ability to perform and apply hands-on laboratory techniques to study nervous system histology, anatomy, pathology, and behavior. Important topics covered include confocal and super resolution microscopy, tissue staining, neurohistology, neuroanatomy, immunhistochemistry, and neuroimaging.

NEURO 550R - Advanced Topics in Neuroscience

Course Information

Course Number
550R

Teaching Area
NEURO

Course Title
Advanced Topics in Neuroscience

Course Description
Advanced undergraduate or graduate-level course in topics related to neuroscience (molecular, cellular, systems, cognitive, behavioral, and/or clinical). Topics vary and will relate to faculty expertise. 550R courses will have a defined curriculum with assignments, based on readings and analysis of current and seminal journal articles. Expectations and topic-specific learning outcomes will be specified in the syllabus.

Department
Neuroscience Center

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor consent

Learning Outcomes

Title
Advanced Understanding of Neuroscientific Principles

Learning Outcome
Students will demonstrate an advanced understanding of scientific principles, ideas, methods, techniques, and trends within a subfield of modern neuroscience..

Title
Critical Analysis of Neuroscientific Literature

Learning Outcome
Students will read, interpret, evaluate, and discuss neuroscience research papers.

Title
Integration of Emerging Neuroscientific Evidence

Learning Outcome
Students will integrate emerging evidence to produce a competent and clearly composed scientific synthesis project (potential examples include a review paper, research proposal, poster presentation, or oral presentation).

NIUEA 100 - Language Study: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
100

Teaching Area
NIUEA

Course Title
Language Study: Niuean

Course Description
Survival-level conversation, reading, listening, and culture skills in Niuean.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197887, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197888, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197889, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

NIUEA 101 - First-Year Language Study: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
101

Teaching Area
NIUEA

Course Title
First-Year Language Study: Niuean

Course Description
Beginning speaking, listening, reading, and writing skills in Niuean.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197883, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197884, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197885, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197886, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

NIUEA 102 - First-Year Language Study: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
102

Teaching Area
NIUEA

Course Title
First-Year Language Study: Niuean

Course Description
Second-semester speaking, listening, reading, and writing skills in Niuean.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 101 - First-Year Language Study: Niuean

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197879, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197880, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197881, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197882, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

NIUEA 201 - Second-Year Language Study: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
201

Teaching Area
NIUEA

Course Title
Second-Year Language Study: Niuean

Course Description
Intermediate speaking, listening, reading, and writing skills in Nieuan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 102 - First-Year Language Study: Niuean

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197777, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197778, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197779, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197780, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

NIUEA 202 - Second-Year Language Study: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
202

Teaching Area
NIUEA

Course Title
Second-Year Language Study: Niuean

Course Description
Continued emphasis on Niuean communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 201 - Second-Year Language Study: Niuean

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197773, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197774, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197775, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197776, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

NIUEA 305 - Language Skills Development: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
305

Teaching Area
NIUEA

Course Title
Language Skills Development: Niuean

Course Description
Increasing proficiency in one or more of the following Niuean language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197770, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197771, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197772, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

NIUEA 321 - Advanced Grammar: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
321

Teaching Area
NIUEA

Course Title
Advanced Grammar: Niuean

Course Description
Systematic review of grammar and syntax of Niuean.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 202 - Second-Year Language Study: Niuean

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197767, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197768, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197769, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
330

Teaching Area
NIUEA

Course Title
Advanced Language Proficiency Through Cultural Studies: Niuean

Course Description
Study of Niuean culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Niuea 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197763, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197764, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197765, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197766, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

NIUEA 340 - Introduction to Literature: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
340

Teaching Area
NIUEA

Course Title
Introduction to Literature: Niuean

Course Description
Advanced study of Niuean literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
197759, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197760, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197761, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197762, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

NIUEA 350 - Advanced Language Study for Career Purposes: Niuean

Course Information

Teaching Area (new)
NIUEA

Course Number
350

Teaching Area
NIUEA

Course Title
Advanced Language Study for Career Purposes: Niuean

Course Description
Concentration on Niuean language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NIUEA 330 - Advanced Language Proficiency Through Cultural Studies: Niuean

Learning Outcomes

Title
Defined Career Purposes

Tags
197754, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197755, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197756, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197757, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197758, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

NORWE 101 - First-Year Norwegian

Course Information

Teaching Area (new)
NORWE

Course Number
101

Teaching Area
NORWE

Course Title
First-Year Norwegian

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Fall Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Language Learning Strategies

Tags
190250, 3

Learning Outcome
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Speaking

Tags
190269, 1

Learning Outcome
Students will be able to speak Norwegian well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

Title
Comprehension

Tags
190319, 0

Learning Outcome
Students will comprehend Norwegian as they hear and read authentic language relating to familiar topics.

Title
Culture

Tags
190380, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Norwegian-speaking countries.

Title
Writing

Tags
190592, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Norwegian on familiar topics.

NORWE 102 - First-Year Norwegian

Course Information

Teaching Area (new)
NORWE

Course Number
102

Teaching Area
NORWE

Course Title
First-Year Norwegian

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Winter Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Culture

Tags
190260, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Norwegian-speaking countries.

Title
Language Learning Strategies

Tags
190378, 3

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Comprehension

Tags
190395, 0

Learning Outcome
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar topics.

Title
Writing

Tags
190446, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Norwegian on familiar topics.

Title
Speaking

Tags
190497, 1

Learning Outcome
Students will be able to speak Norwegian well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

NORWE 201 - Second-Year Norwegian

Course Information

Teaching Area (new)
NORWE

Course Number
201

Teaching Area
NORWE

Course Title
Second-Year Norwegian

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.

Department
Language Studies

When Taught
Fall Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Other Prerequisites
Norwe 102 or equivalent experience

Learning Outcomes

Title
Speaking and Writing

Tags
190298, 1

Learning Outcome
Students will be able to speak and write Norwegian well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

Title
Comprehension

Tags
190308, 0

Learning Outcome
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

Title
Conversation

Tags
190417, 2

Learning Outcome
Students will be able to participate actively in conversations about Norwegian-speaking countries, concrete topics, and current events.

Title
Opinions

Tags
190476, 3

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

NORWE 202 - Second Year Norwegian

Course Information

Teaching Area (new)
NORWE

Course Number
202

Teaching Area
NORWE

Course Title
Second Year Norwegian

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

Learning Outcomes

Title
Comprehension

Tags
190232, 2

Learning Outcome
Students will be able to comprehend Norwegian as they hear and read authentic language relating to familiar and less familiar topics.

Title
Speaking and Writing

Tags
190381, 3

Learning Outcome
Students will improve their reading and writing skills in Norwegian by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

Title
Literature and Cultural History

Tags
190486, 1

Learning Outcome
Students will be able to identify and define key characteristics of the important moments in Norwegian cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

Title
Norwegian Culture

Tags
190524, 5

Learning Outcome
Students will broaden and deepen their perception and appreciation of Norwegian culture.

NORWE 211R - Second-Year Conversation

Course Information

Teaching Area (new)
NORWE

Course Number
211R

Teaching Area
NORWE

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Norwe 102 or equivalent experience

Learning Outcomes

Title
Fluency

Tags
190361, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Vocabulary

Tags
190453, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Description and Narration

Tags
190540, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

Title
Opinions

Tags
190588, 1

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

NORWE 311R - Third-Year Conversation

Course Information

Teaching Area (new)
NORWE

Course Number
311R

Teaching Area
NORWE

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Norwe 211R or equivalent experience

Learning Outcomes

Title
Pronunciation

Tags
190256, 4

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

Title
Opinions

Tags
190341, 1

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

Title
Vocabulary

Tags
190402, 3

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

Title
Fluency

Tags
190480, 2

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

Title
Description and Narration

Tags
190513, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

NORWE 330 - Advanced Language Proficiency Through Cultural Studies: Norwegian

Course Information

Teaching Area (new)
NORWE

Course Number
330

Teaching Area
NORWE

Course Title
Advanced Language Proficiency Through Cultural Studies: Norwegian

Course Description
Study of Norwegian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Norwe 202 or equivalent experience.

Note
Required course for obtaining language credit by examination. This course replaces the former 321 course; students who have taken 321 may not take 330.

Learning Outcomes

Title
Critical Thinking

Tags
190625, 2

Learning Outcome
Students will demonstrate critical thinking skills through literary analysis, debate, dealing with unanticipated complications in conversation, forming and supporting opinions, and presenting on topics of general interest.

Title
Culture

Tags
190626, 3

Learning Outcome
Students will explain how common cultural products and practices relate to cultural perspectives. They will interact with cultural competence in familiar and some unfamiliar contexts.

Title
Reading and Listening

Tags
191046, 1

Learning Outcome
Students will demonstrate reading and listening comprehension of Advanced level texts such as narrative, descriptive, and explanatory texts. They will demonstrate a broad vocabulary regarding concrete, general interest topics such as education, work, government, and topics in the news.

Title
Writing and Speaking

Learning Outcome
Students will write and speak using cohesive paragraphs on topics of personal and general interest. Students will demonstrate control of frequently used structures and will write and speak with Advanced level accuracy.

Title
Global and Cultural Awareness (GE)

Learning Outcome
Students will acquire informed awareness of a) a culture other than the student's primary (or most familiar) culture, or b) the interplay of multiple cultures, languages, and/or nations. Students will engage in thoughtful reflection of that informed awareness in a structured, guided manner as evidenced by student written or spoken analyses (often involving comparison) in consideration of a culture, multicultural interplay, or global issue. Students will develop greater empathy and charity as they gain a broader perspective and learn to see themselves from another's point of view.

NORWE 340 - Norwegian Literature

Course Information

Teaching Area (new)
NORWE

Course Number
340

Teaching Area
NORWE

Course Title
Norwegian Literature

Course Description
Readings in Norwegian literature; introduction to basic literary concepts. Includes International Cinema.

Department
Language Studies

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Note
Culminating course for GE Foreign Language requirement.

Learning Outcomes

Title
Lifelong Learning

Tags
190036, 7

Learning Outcome
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art encountered later in life.

Title
Analytic, Research, and Writing Skills

Tags
190364, 3

Learning Outcome
Students should be able to insightfully analyze important literary and artistic works from Norwegian cultural history and be able to communicate this analysis through articulate written and oral presentations in Norwegian. Students will also develop basic research skills.

Title
Norwegian Cultural History

Tags
190437, 1

Learning Outcome
Students will understand key trends and works from Norwegian cultural history, recognize connections between these works, and be able to relate them to the development of contemporary Norwegian culture.

Title
Cultural Literacy

Tags
190534, 5

Learning Outcome
Students should relate the ideas and issues raised by the works we study in class to the students’ own cultural moment as well as to their own experience with contemporary Norwegian culture.

NORWE 399R - Academic Internship

Course Information

Teaching Area (new)
NORWE

Course Number
399R

Teaching Area
NORWE

Course Title
Academic Internship

Course Description
On-the-job experience in Norwegian.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department's consent

Learning Outcomes

Title
Professional Experience

Tags
190631, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

NURS 102 - Nursing and Medical Terminology

Course Information

Teaching Area (new)
NURS

Course Number
102

Teaching Area
NURS

Course Title
Nursing and Medical Terminology

Course Description
Nursing and medical terminology for prenursing and beginning nursing students or those interested in health occupations.

Department
Nursing

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Medical Language Skills

Tags
203623, 0, 0, 2023-04-25 08:48:02

Learning Outcome
Analyze a medical term and identify the different word parts.

Title
Application of medical language

Tags
203677, 0, 1, 2023-04-25 08:48:02

Learning Outcome
Use medical abbreviations appropriately.

Title
Application of Medical Language

Tags
203618, 0, 2, 2023-04-25 08:48:02

Learning Outcome
Use the most common medical terms in a sentence.

Title
Medical Language and the Human Body

Tags
203683, 0, 3, 2023-04-25 08:48:02

Learning Outcome
Categorize medical terms according to body systems.

NURS 270 - Learning and Test-Taking Strategies in Nursing

Course Information

Course Number
270

Teaching Area
NURS

Course Title
Learning and Test-Taking Strategies in Nursing

Course Description
Learning and Test Taking Strategies for Nurses provides proven approaches for learning and test-taking applicable to nursing students at all levels. These approaches will be bathed in the light of the Gospel of Jesus Christ and will focus on helping students become successful learners and disciple scholars.

Department
Vh6U7S2eE5UYts0WGk6S

When Taught
Fall and Winter

Credit Hours

Min:
0

Lecture Hours

Fixed:
0.5

Learning Outcomes

Title
Foundational Strategies

Learning Outcome
Examine foundational learning and test-taking strategies applicable to nursing students at all levels.

Title
Individualized Plan

Learning Outcome
Develop and assess an individualized learning and test-taking plan.

Title
Gospel Study

Learning Outcome
Gain a deeper personal insight into the Lord's approach to gospel study and its application.

NURS 288 - Nursing Skills I

Course Information

Course Number
288

Teaching Area
NURS

Course Title
Nursing Skills I

Course Description
1-credit lab course focuses on cognitive and psychomotor introductory nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Introductory Nursing Skills

Tags
213119, 0, 1, 2023-08-01 13:47:26

Learning Outcome
The student will demonstrate competency in basic nursing skills to provide quality, safe, patient centered care to patients with common healthcare needs in a simulated learning environment.

Title
Clinical Judgment

Tags
213120, 0, 2, 2023-08-01 13:47:26

Learning Outcome
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

NURS 290 - Think Like a Nurse: Learning Clinical Judgment

Course Information

Teaching Area (new)
NURS

Course Number
290

Teaching Area
NURS

Course Title
Think Like a Nurse: Learning Clinical Judgment

Course Description
1.5-credit in-person didactic course focuses on acquisition of knowledge about nursing history, theory, and practice; the College's mission and values and professional nursing values; Tanner's Clinical Judgment Model; and self-reflection on goals, values, and biases.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Other Prerequisites
Admission to the College of Nursing baccalaureate program.

Learning Outcomes

Title
Nursing theoretical foundations

Tags
212885, 0, 2, 2023-04-25 08:58:56

Learning Outcome
Analyze key principles of nursing theories and foundational principles to expand understanding of nursing history and the profession.

Title
Clinical Judgment

Tags
212886, 0, 3, 2023-04-25 08:58:56

Learning Outcome
Interpret and apply Tanner's Clinical Judgment Model, critical thinking skills, and the nursing process in thinking like a nurse with a focus on "context" or what the nurse brings to the nurse-patient relationship

Title
Professional and College of Nursing Expectations and Personal Goals

Tags
212884, 0, 1, 2023-04-25 08:58:56

Learning Outcome
Apply professional nursing and College of Nursing values to course work and personal goals.

NURS 292 - Clinical Practicum Fundamentals in Nursing

Course Information

Teaching Area (new)
NURS

Course Number
292

Teaching Area
NURS

Course Title
Clinical Practicum Fundamentals in Nursing

Course Description
1.5 credit clinical practicum course focuses on in-person, active application of fundamental nursing concepts and skills with patients in skilled nursing facilities and simulated learning experiences in the Nursing Learning Center.

Department
Nursing

When Taught
Contact Department

Credit Hours

Fixed/Max:
1.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4.5

Other Prerequisites
Courses in Nursing Semester 1.

Note
7-hour clinical per week for 6 weeks plus simulation experiences in Nursing Learning Center.

Learning Outcomes

Title
Integration of Gospel Values

Learning Outcome
Students will provide holistic care to patients, meeting patient's physical and psychosocial needs in a caring and compassionate manner.

Title
Integration of Gospel Values

Learning Outcome
Students will demonstrate understanding and respect for the diversity of the human experience.

Title
Integration of Gospel Values

Learning Outcome
Students will describe outcomes achieved through participation in professional and/or community service activities as part of lifelong learning and professional service.

Title
Quality of Nursing Care Delivery

Learning Outcome
Students will create and execute a plan to care for a patient that demonstrates sound clinical judgment and the ability to deliver safe, high-quality patient-centered care.

Title
Quality of Nursing Care Delivery

Learning Outcome
Students will demonstrate proficiency in performing physical assessment.

Title
Quality of Nursing Care Delivery

Learning Outcome
Students will evaluate and reflect on personal clinical performance, creating a plan for improvement.

Title
Communication and Collaboration

Learning Outcome
Students will communicate effectively with patients, family members, interdisciplinary team members, faculty members, and peers.

Title
Communication and Collaboration

Learning Outcome
Students will demonstrate competence in documenting patient care.

Title
Prevention and Population Health

Learning Outcome
Students will utilize evidence-based tools to assess level of risk related to various areas of health while considering a patient's risk when executing a treatment plan.

Title
Professionalism

Learning Outcome
Students will consistently demonstrate responsibility and accountability for their actions.

NURS 294 - Health Assessment and Promotion.

Course Information

Teaching Area (new)
NURS

Course Number
294

Teaching Area
NURS

Course Title
Health Assessment and Promotion.

Course Description
2-credit didactic course guides students in their acquisition and application of health assessment and promotion knowledge and skills.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.25

Lab Hours

Fixed:
1.5

Other Prerequisites
Acceptance into Nursing Program.

Learning Outcomes

Title
Performance: History and Assessment

Tags
206800, 0, 0, 2023-08-01 13:49:40

Learning Outcome
Perform a basic health history and physical assessment on the adult individual including electronic health record documentation.

Title
Health Identification

Tags
206803, 0, 2, 2023-08-01 13:49:40

Learning Outcome
Identify common health problems or risk for health problems based on personal, family and social history, and physical exam.

Title
Health Promotion

Tags
206802, 0, 3, 2023-08-01 13:49:40

Learning Outcome
Identify and support strategies for health promotion, risk reduction and disease prevention for adult patients.

NURS 295 - Fundamentals in Nursing

Course Information

Teaching Area (new)
NURS

Course Number
295

Teaching Area
NURS

Course Title
Fundamentals in Nursing

Course Description
2-credit in-person didactic course focuses on the acquisition of knowledge on fundamental nursing concepts and skills with explanation of the theoretical and evidence-based guidelines supporting these concepts.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Other Prerequisites
Courses in Nursing Semester 1.

Learning Outcomes

Title
Quality of Nursing Care Delivery

Tags
213121, 0, 2, 2023-08-01 13:52:20

Learning Outcome
Students will describe and evaluate safe, high-quality fundamental nursing care based on evidence-based practice guidelines.

Title
Clinical Judgment

Tags
206809, 0, 4, 2023-08-01 13:52:20

Learning Outcome
Students will demonstrate clinical judgment related to fundamental nursing concepts by implementing critical thinking skills.

Title
Communication and Collaboration

Tags
206805, 0, 1, 2023-08-01 13:59:33

Learning Outcome
Students will demonstrate effective oral and written communication and collaboration.

Title
Professionalism

Learning Outcome
Students will demonstrate professional standards of practice in coursework.

NURS 296 - Introduction to Population Health Nursing

Course Information

Teaching Area (new)
NURS

Course Number
296

Teaching Area
NURS

Course Title
Introduction to Population Health Nursing

Course Description
1.5-credit in-person didactic and 0.5-credit lab course focused on population health and wellness with emphasis on social determinants of health, health equity, mental health, and healthcare communication.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Other Prerequisites
Courses in Nursing Semester 1.

Note
1.5-credit in-person didactic and 0.5-credit lab course focused on population health and wellness with emphasis on social determinants of health, health equity, mental health, and healthcare communication.

Learning Outcomes

Title
Nurse Role

Learning Outcome
Describe the role of public and population health nurses in addressing health equity.

Title
Team Communication

Learning Outcome
Demonstrate interpersonal and healthcare team communication skills to facilitate holistic care of diverse populations.

Title
Community Resources

Learning Outcome
Evaluate public/population health resources to restore, maintain, and promote health.

Title
Community Health

Learning Outcome
Develop health and healthcare solutions for individuals, communities, and populations utilizing effective communication.

NURS 298 - Nursing Skills II

Course Information

Course Number
298

Teaching Area
NURS

Course Title
Nursing Skills II

Course Description
1-credit lab course focuses on cognitive and psychomotor introductory to intermediate nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
3

Other Prerequisites
Admission to the College of Nursing. Successful completion of Nurs 288 Nursing Skills I.

Learning Outcomes

Title
Nursing Skills

Tags
213122, 0, 1, 2023-08-01 13:57:23

Learning Outcome
The student will demonstrate basic skills to provide quality, safe, patient-centered care to individuals, families, and/or communities with complex healthcare needs in a simulated learning environment.

Title
Clinical Judgement

Learning Outcome
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

NURS 300 - Applied Pharmacology in Nursing.

Course Information

Teaching Area (new)
NURS

Course Number
300

Teaching Area
NURS

Course Title
Applied Pharmacology in Nursing.

Course Description
Common categories of drugs: their action, use and desired and undesired effects; implications for nursing care.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Courses in College of Nursing Semester 1.

Learning Outcomes

Title
Common classes of drugs

Tags
206872, 0, 1, 2023-08-01 13:57:57

Learning Outcome
Demonstrate correct knowledge of drugs within pharmacological classes.

Title
Actions, indications, and effects of drugs in diverse populations

Tags
206873, 0, 2, 2023-08-01 13:57:57

Learning Outcome
Compare and contrast the actions of drugs in relationship to chemistry, biology, and pathophysiology knowledge

Title
Actions, indications, and effects of drugs in diverse populations

Tags
206874, 0, 3, 2023-08-01 13:57:58

Learning Outcome
Examine the indications for drug use in diverse populations and settings

Title
Actions, indications, and effects of drugs in diverse populations

Tags
206875, 0, 4, 2023-08-01 13:57:58

Learning Outcome
Interpret the effects of drugs in relationship to pathophysiology of disease processes

Title
Pharmacological implications for nursing care in diverse populations and settings

Tags
206876, 0, 5, 2023-08-01 13:57:58

Learning Outcome
Describe and evaluate pharmacological implications in nursing care with diverse populations and settings

NURS 301 - Applied Pathophysiology in Nursing

Course Information

Course Number
301

Teaching Area
NURS

Course Title
Applied Pathophysiology in Nursing

Course Description
3-credit, in-person didactic course integrates knowledge from physiology, chemistry, microbiology, and nursing care in learning new knowledge about pathophysiology, disease processes, evidence-based health care interventions, and implications for nursing care for all body organ systems.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Knowledge application

Tags
213124, 0, 1, 2023-08-01 14:01:42

Learning Outcome
Demonstrate a working understanding of basic cell anatomy and physiology.

Title
Knowledge application

Tags
213125, 0, 2, 2023-08-01 14:01:42

Learning Outcome
Demonstrate a working understanding of cell adaptation to disease or trauma and the commonalities of abnormal cell division (neoplasms).

Title
Pathophysiology application to nursing and patient care

Tags
213126, 0, 3, 2023-08-01 14:01:42

Learning Outcome
Apply basic principles of inflammation as a body defense system, infection and how it affects body system responses (such as WBCs) and wound healing.

Title
Pathophysiology application to nursing and patient care

Tags
213127, 0, 4, 2023-08-01 14:01:42

Learning Outcome
Interpret basic understanding of congenital and genetic disorders, blood diseases, and cellular fluid shifts.

Title
Pathophysiology application to nursing and patient care

Tags
213128, 0, 5, 2023-08-01 14:01:42

Learning Outcome
Analyze the pathophysiological basis of common diseases noted in the following systems: respiratory, cardiovascular, endocrine, renal, digestive, and neurological.

NURS 320 - Scientific Inquiry for Evidence-Based Practice & Informatics

Course Information

Teaching Area (new)
NURS

Course Number
320

Teaching Area
NURS

Course Title
Scientific Inquiry for Evidence-Based Practice & Informatics

Course Description
3-credit, online course provides students with introductory information on scholarly nursing practice and dissemination, research evaluation and application, ethical conduct in scholarly activities, and informatics use in providing evidence-based nursing care.

Department
Nursing

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 2.

Learning Outcomes

Title
Informatics resources and quality of care principles

Tags
206813, 0, 2, 2023-08-01 14:04:04

Learning Outcome
Use informatics resources to identify patient safety and quality of care concerns, and propose improvements using quality improvement principles and resources.

Title
Information Management and Technology

Tags
206814, 0, 3, 2023-08-01 14:04:04

Learning Outcome
Analyze and appraise the role of the nurse informaticist by exploring how nursing informatics is shaping evidence-based practice and clinical documentation.

NURS 333 - End-of-Life Care

Course Information

Teaching Area (new)
NURS

Course Number
333

Teaching Area
NURS

Course Title
End-of-Life Care

Course Description
End-of-life (EOL) care from spiritual, physical, and psychosocial perspectives. Comparisons from various cultural/ethnic backgrounds. Complexities of EOL care including impact on families, health care system, and society. Personal perspectives about death, dying, and bereavement.

Department
Nursing

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course was previously cross-listed with sociology but they have created their own course and are no longer using this course. We would like it to be taught only as an elective for nursing majors.

Learning Outcomes

Title
Guiding Prinicples Of Care

Tags
203592, 1

Learning Outcome
Apply principles of effective communication to support patients, families, and interdisciplinary team members during serious illness and end-of-life care, reflecting empathy and Christ-like compassion.

Title
Models of Care for the Dying

Tags
203624, 3

Learning Outcome
Integrate pain and symptom management strategies into individualized care plans, ensuring comfort, quality of life, and dignity for patients.

Title
End of Life Preferences for Care

Tags
206815, 4

Learning Outcome
Demonstrate cultural competence in providing holistic care that respects diverse values, beliefs, and spiritual needs at the end of life.

Title
Personal Perspectives

Tags
206816, 5

Learning Outcome
Utilize evidence-based practices for ethical decision-making and advance care planning, aligning patient care with professional nursing standards and Christian values.

Title
Attitudes Toward Death

Tags
206891, 0

Learning Outcome
Promote the psychological and emotional well-being of patients and their families through grief support, bereavement care, and presence rooted in faith and service.

NURS 341 - Nursing Care of Adults with Acute and Chronic Illnesses

Course Information

Teaching Area (new)
NURS

Course Number
341

Teaching Area
NURS

Course Title
Nursing Care of Adults with Acute and Chronic Illnesses

Course Description
Theory and content in the nursing care of acutely and chronically ill adults; professional behavior; illness implications for patients and families.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 2.

Learning Outcomes

Title
Integrate the Gospel of Jesus Christ as part of caring

Tags
203601, 0, 4, 2023-08-01 14:05:22

Learning Outcome
Articulate how to effectively seek inspiration and the guidance of the Holy Ghost while learning about adults with illness and planning their care.

Title
Design appropriate professional nursing care for individuals with illness and their significant others

Learning Outcome
Correctly identify pathophysiology, diagnostic procedures, focused assessment, fundamental nursing care (nutrition, activity, hygiene, psychosocial, spiritual), priority physiological problems, monitoring of laboratory tests, other monitoring, medications, and other essential interventions for common acute and chronic illnesses.

Title
Demonstrate effective critical thinking, clinical judgment, and communication

Learning Outcome
Demonstrate ability to think critically about the material discussed in class to correctly answer NCLEX-style high-level questions on exams.

Title
Exemplify life-long learning

Learning Outcome
Use a textbook and electronic resources including UpToDate and Decision-Based-Learning to obtain evidence-based knowledge related to patient care and explain how to continue using these resources after completing the course.

NURS 342 - Clinical Practicum for Nursing Care of Adults with Acute and Chronic Illnesses

Course Information

Teaching Area (new)
NURS

Course Number
342

Teaching Area
NURS

Course Title
Clinical Practicum for Nursing Care of Adults with Acute and Chronic Illnesses

Course Description
Clinical practicum is an active learning course in which students apply nursing knowledge and skills in hospitals/clinical settings with adult patients and families and simulated learning experiences in the Nursing Learning Center.

Department
Nursing

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in College of Nursing Semester 2.

Note
11 clinical hours per week for 9 weeks and 8 hours in structured simulation.

Learning Outcomes

Title
The Healer's Art

Tags
203648, 0, 0, 2023-08-01 14:06:44

Learning Outcome
Integrate the values of the Gospel of Jesus Christ as part of providing nursing care to adult patients

Title
Critical Judgment

Tags
203663, 0, 1, 2023-08-01 14:06:44

Learning Outcome
Demonstrate and document effective clinical judgment and critical thinking in planning, delivering , and reflecting on nursing care to adult patients in hospital settings.

Title
Communication

Tags
203652, 0, 2, 2023-08-01 14:06:44

Learning Outcome
Demonstrate therapeutic communication with adult patients and families.

Title
Communication

Tags
213129, 0, 3, 2023-08-01 14:06:44

Learning Outcome
Demonstrate collaborative communication in health care teams.

NURS 343 - Lab/Simulation for Nursing Care of Adults with Acute and Chronic Illnesses

Course Information

Teaching Area (new)
NURS

Course Number
343

Teaching Area
NURS

Course Title
Lab/Simulation for Nursing Care of Adults with Acute and Chronic Illnesses

Course Description
Lab/simulation experience in nursing care of acutely/chronically ill adults.

Department
Nursing

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 2.

Note
4 hours lab per week in first 2 weeks, then 2 hours lab or simulation per week for 12 weeks.

Learning Outcomes

Tags
203635, 0, 0, 2023-04-25 09:22:03

Learning Outcome
Integrate the values of the Gospel of Jesus Christ as part of caring. * Value the importance of spirituality in the nursing process. * Respect religious beliefs of the client.

Tags
203694, 0, 1, 2023-04-25 09:22:03

Learning Outcome
Demonstrate effective critical thinking and communication. * Demonstrate professional behavior when communicating with instructors, other students.

Tags
203688, 0, 2, 2023-04-25 09:22:03

Learning Outcome
Design, provide, and evaluate professional nursing care for individuals, families, and communities. * Demonstrate proficiency in the performance of given technical skills. * Articulate and understand the implications of acute and chronic illness for patients and their families. * Discusses rationale for each technical procedure/skill * Identifies the impact of the procedure on the patient * Completes the procedure in a satisfactory manner * Reports and documents procedure and patient results * Explains procedure and performs patient teaching to patient and SO

NURS 348 - Nursing Skills III

Course Information

Course Number
348

Teaching Area
NURS

Course Title
Nursing Skills III

Course Description
1-credit lab course focuses on cognitive and psychomotor intermediate nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Nursing Skills

Tags
213130, 0, 1, 2023-08-01 14:09:44

Learning Outcome
The student will demonstrate intermediate nursing skills to provide quality, safe, patient-centered care for children and adults across the lifespan with acute and chronic illnesses in a simulated learning environment.

Title
Clinical Judgement

Learning Outcome
Students will apply clinical judgment concepts to deliver evidence-based interventions which are transferable to professional practice.

NURS 351 - Nursing Care of the Family: Women Across the Lifespan

Course Information

Teaching Area (new)
NURS

Course Number
351

Teaching Area
NURS

Course Title
Nursing Care of the Family: Women Across the Lifespan

Course Description
Content and theory in nursing care of women throughout the lifespan including pregnancy, childbirth, and post-partum care and women's health issues with a local and global health perspective.

Department
Nursing

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 3.

Learning Outcomes

Title
Quality of Nursing Care Delivery

Tags
206884, 0, 1, 2023-08-01 14:11:59

Learning Outcome
Demonstrate an understanding of nursing knowledge and skills necessary to provide professional, quality nursing care for diverse women, newborns, and childbearing families.

Title
Communication and Collaboration

Tags
206886, 0, 3, 2023-08-01 14:11:59

Learning Outcome
Demonstrate appropriate interpersonal communication, collaboration, and behavior in varied settings with clients, families, peers, faculty, and health care teams.

Title
Scholarship for Evidence-Based Practice

Tags
206887, 0, 4, 2023-08-01 14:11:59

Learning Outcome
Demonstrate retrieval, application and evaluation of scholarly knowledge related to practice issues in the care of women, newborns, and childbearing families.

Title
Christ-like Caring

Learning Outcome
Integrate the values of the Gospel of Jesus Christ and gain an understanding of the spiritual influences affecting care of women, newborns, and childbearing families.

NURS 352 - Clinical Practicum Nursing Care of the Family: Women across the Lifespan

Course Information

Teaching Area (new)
NURS

Course Number
352

Teaching Area
NURS

Course Title
Clinical Practicum Nursing Care of the Family: Women across the Lifespan

Course Description
Clinical practicum in the nursing care of childbearing families from diverse backgrounds. Health promotion, assessment, and interventions related to complicated and uncomplicated pregnancy and birth. Includes lab and simulation experiences.

Department
Nursing

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Other Prerequisites
Courses in Nursing Semester 3.

Note
6-12 hours clinical per week for 7 weeks.

Learning Outcomes

Title
Quality of Nursing Care Delivery

Tags
206879, 0, 0, 2023-08-01 14:12:25

Learning Outcome
Demonstrate an understanding of nursing knowledge and skills necessary to provide professional, quality nursing care for diverse women, newborns, and childbearing families.

Title
Health Promotion of Childbearing Families

Tags
206880, 0, 1, 2023-08-01 14:12:25

Learning Outcome
Identify challenges related to nursing care of women and newborns, and advocate strategies to promote health and provide care to diverse women, newborns, and childbearing families.

Title
Communication and Collaboration

Tags
206881, 0, 2, 2023-08-01 14:12:25

Learning Outcome
Demonstrate appropriate interpersonal communication, collaboration, and behavior in varied settings with clients, families, peers, faculty, and health care teams.

Title
Scholarship for Evidence-Based Practice

Tags
206882, 0, 3, 2023-08-01 14:12:25

Learning Outcome
Demonstrate retrieval, application and evaluation of scholarly knowledge related to practice issues in the care of women, newborns and childbearing families.

Title
Nursing Assessment

Tags
206883, 0, 4, 2023-08-01 14:12:25

Learning Outcome
Perform essential skills necessary to perform assessment and management of normal antepartum, intrapartum, postpartum, and newborn patients.

NURS 361 - Nursing Care of Families: Children

Course Information

Teaching Area (new)
NURS

Course Number
361

Teaching Area
NURS

Course Title
Nursing Care of Families: Children

Course Description
2-credit, in-person didactic course provides students with theory and content in the nursing care of children and their families from diverse backgrounds including health promotion, growth development, disease prevention, and care of acute and chronic illness.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 3.

NURS 362 - Clinical Practicum Nursing Care of Families: Children

Course Information

Teaching Area (new)
NURS

Course Number
362

Teaching Area
NURS

Course Title
Clinical Practicum Nursing Care of Families: Children

Course Description
1-credit, clinical practicum course focuses on the acquisition and application of basic nursing skills with children and families in in-patient hospital settings and simulated learning experiences by adapting nursing knowledge and care to pediatric patients.

Department
Nursing

When Taught
Fall, Winter, and Spring

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Courses in College of Nursing Semester 2.

Note
Three 12-hours clinical days and 6 hours of simulation.

Learning Outcomes

Title
Integration of Gospel Values

Tags
206820, 0, 0, 2023-08-01 11:55:16

Learning Outcome
Integrate the Gospel of Jesus Christ in providing holistic care to the pediatric population and their families.

Title
Quality of Nursing Care Delivery

Tags
206821, 0, 1, 2023-08-01 11:55:16

Learning Outcome
Demonstrate competency in basic nursing skills as well as beginning competency in assessment techniques and technology specific to children and families.

Title
Scholarship for Evidenced Based Practice

Tags
206826, 0, 2, 2023-08-01 11:55:16

Learning Outcome
Apply evidence-based nursing knowledge and critical thinking in provision of developmentally appropriate nursing care to children and families from diverse backgrounds.

Title
Communication and Collaboration

Tags
206823, 0, 3, 2023-08-01 11:55:16

Learning Outcome
Communicate and collaborate with children, families, peers, members of the health care team, and faculty to provide child-family centered care.

Title
Professionalism

Tags
206825, 0, 5, 2023-08-01 11:55:16

Learning Outcome
Demonstrate professionalism and incorporate the Healer's Art in the clinical setting.

NURS 371 - Nursing Care of the Family: Older Adults

Course Information

Course Number
371

Teaching Area
NURS

Course Title
Nursing Care of the Family: Older Adults

Course Description
Nurs 371 focuses on theory and content in the nursing care of older adults in various settings including home, in-patient facilities, out-patient clinics, and public health settings.

Department
Nursing

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Foundational Knowledge

Tags
214250, 0, 1, 2023-08-29 11:43:45

Learning Outcome
Analyze the multifaceted aspects of aging and their impact on geriatric care.

Title
Knowledge Application

Tags
214251, 0, 2, 2023-08-29 11:43:47

Learning Outcome
Apply the 4M's framework to develop interdisciplinary solutions for geriatric care.

Title
Knowledge Integration

Tags
214252, 0, 3, 2023-08-29 11:43:49

Learning Outcome
Evaluate the broader impact of aging on individuals and their support systems while considering ethical and legal considerations and managing care transitions.

Title
Human Dimension of Aging

Tags
214253, 0, 4, 2023-08-29 11:43:51

Learning Outcome
Compose a personal perspective on aging as an important part of Heavenly Father’s plan for His children and advocate against ageism.

Title
Christlike Caring

Tags
214254, 0, 5, 2023-08-29 11:43:54

Learning Outcome
Share a perspective on the aging of God's children, acknowledging the possibilities and challenges of the aging process across multiple dimensions.

Title
Leadership

Tags
214255, 0, 6, 2023-08-29 11:43:55

Learning Outcome
Display skills in case management, policy analysis, advocacy, and decision-making to help older patients and their families achieve their late-life goals.

NURS 372 - Clinical Practicum Chronic Disease Management Across the Lifespan

Course Information

Course Number
372

Teaching Area
NURS

Course Title
Clinical Practicum Chronic Disease Management Across the Lifespan

Course Description
In-person and simulated learning experiences on chronic disease management across the lifespan from nursing and population-based health perspectives in various settings.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge and Skills Application

Tags
214256, 0, 1, 2023-08-29 11:43:57

Learning Outcome
Apply knowledge and skills from previous and co-requisite courses to develop plans of care for individuals with chronic diseases in multiple health settings.

Title
Theory Application

Tags
214257, 0, 2, 2023-08-29 11:43:59

Learning Outcome
Evaluate applicability of human development and nursing to guide care of individuals with chronic diseases across the lifespan.

Title
Health Policy and Leadership

Tags
214258, 0, 3, 2023-08-29 11:44:00

Learning Outcome
Analyze health policies that impact the care and lived experiences of individuals with chronic diseases.

Title
Christ-like Caring

Tags
214259, 0, 4, 2023-08-29 11:44:03

Learning Outcome
Provide compassionate care emulating the "Healer's Art" to individuals with chronic diseases and their families in multiple health settings.

NURS 378 - Nursing Skills IV

Course Information

Course Number
378

Teaching Area
NURS

Course Title
Nursing Skills IV

Course Description
1-credit, lab course focuses on cognitive and psychomotor intermediate to advanced student nursing skills development and application with hands-on, interactive learning activities in the Nursing Learning Center.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lab Hours

Fixed:
3

Learning Outcomes

Title
Nursing Skills

Tags
213132, 0, 1, 2023-08-01 14:14:48

Learning Outcome
Demonstrate advanced nursing skills to provide quality, safe, patient-centered care for nursing care of the family: Women’s issues and chronic disease management across the lifespan.

NURS 390R - Independent Study in the Practice of Nursing

Course Information

Teaching Area (new)
NURS

Course Number
390R

Teaching Area
NURS

Course Title
Independent Study in the Practice of Nursing

Course Description
Topics such as NCLEX exam preparation, SNA leadership, personal wellness, etc. that support and/or enhance the nursing program curriculum. Check section headers for specific course content.

Department
Nursing

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
SNA Leadership

Tags
203697, 6

Learning Outcome
Students will be able to fulfill the responsibilities of a Student Nurses’ Association officer and apply principles of peer leadership and student representation evidenced by: developing confidence in communication skills, applying principles of leadership through appropriate initiative and follow-through.

Title
NCLEX

Tags
203668, 0, 3

Learning Outcome
Students will assess their current readiness to successfully pass the NCLEX-RN exam the first time, then they will design a strategy including: demonstration of increased motivation to prepare for the NCLEX-RN exam; an individual plan for test preparation after graduation including ways to decrease and alleviate test anxiety; and demonstration of increased confidence for taking the NCLEX-RN exam.

Title
Testing Strategies for Nurses

Tags
203775, 0, 8

Learning Outcome
Identify the steps of Bloom's taxonomy; Evaluate test questions for level of content: Knowledge, Understanding, Application, Analysis; Successfully demonstrate five steps of question analysis; Demonstrate integrated ordered analysis and critical thinking skills into personal test-taking practice.

Title
Personal Wellness

Tags
211787, 0, 5

Learning Outcome
Students will incorporate multiple evidence-based self-care strategies to improve their spiritual, emotional, and/or physical resilience.

Title
New Student Orientation

Tags
211785, 0, 4

Learning Outcome
College of Nursing Expectations and Future Goals: Interpret and apply the College of Nursing mission, vision, and values with emphasis on "Learning the Healer's Art" to current and future course work and goals.
Communication: Describe and employ key principles of effective communication to promote civility, respect, and collaboration.
Values of Professional Nursing: Analyze the influence of nursing perspective, history and theories on your future nursing care and career goals.
Clinical Judgment: Analyze and explain Tanner's Clinical Judgment Model and the nursing process.
Personal Impact: Communicate understanding of your biases, values, and goals and their potential impact on patient care.

Title
Gerontology Nursing Research/Internship

Tags
211786, 0, 2

Learning Outcome
Students will be able to write an evidence-based paper pertaining to the nursing care of older adults. Students will identify the complex needs of older adults in their clinical setting.

Title
Employment Strategies

Tags
203776, 0, 1

Learning Outcome
Develop skills that will enhance your employment-seeking opportunities and career advancement.

Title
Stress Management

Tags
203777, 0, 7

Learning Outcome
Be able to explain and discuss wellness promotion and distress-reduction strategies
Apply these strategies in lived experiences
Grow understanding of what distress management techniques work for you
Teach someone else (friend or family member) one well-being strategy that was effective for you and share how it has been helpful. Share your experience in the final journal

NURS 399R - Academic Internship in Nursing Practice

Course Information

Teaching Area (new)
NURS

Course Number
399R

Teaching Area
NURS

Course Title
Academic Internship in Nursing Practice

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Nursing

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Departmental approval.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Application of Nursing Principles of Care

Tags
203594, 0, 0

Learning Outcome
The international student will apply nursing skills, principles, and knowledge to clinical practice.

Title
Personal Insights to Promote Effective Care

Tags
203593, 0, 1

Learning Outcome
The international student will use insights gained during the experience to effectively deliver patient and family care.

Title
Role of the Registered Nurse

Tags
203625, 0, 2

Learning Outcome
The international student will demonstrate increased knowledge and understanding of the registered nurse's role.

NURS 403 - Global and Population Health Nursing.

Course Information

Teaching Area (new)
NURS

Course Number
403

Teaching Area
NURS

Course Title
Global and Population Health Nursing.

Course Description
3-credit, blended course with in-person small group activities taught winter semesters and focused on population-based nursing care knowledge from local to global health nursing contexts.

Department
Nursing

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 3.

Learning Outcomes

Title
Population Health Nursing Roles

Tags
206938, 0, 1, 2023-08-01 14:15:14

Learning Outcome
Describe the varied roles and services of nursing practice in providing healthcare to diverse and global populations to promote healthy communities.

Title
Influencing Factors on Public Health

Tags
206939, 0, 2, 2023-08-01 14:15:14

Learning Outcome
Describe and analyze how population health concepts impact healthcare delivery systems (US and globally) and government and legal implications of nursing practice on populations.

Title
Population Health Skills

Tags
206940, 0, 3, 2023-08-01 14:15:14

Learning Outcome
Demonstrate and apply an understanding of social determinants of health, health equity, cultures and religions, and environmental factors when identifying issues/concerns with developing and evaluating an evidence-based planned approach to care for diverse families, individuals, and vulnerable populations.

Title
Application to Population Care

Learning Outcome
Identify and evaluate conceptual frameworks; population health assessments and applications; social determinants of health; epidemiological health concepts; infectious disease risks, prevention and control; and health education for diverse communities and/or populations across the life span.

NURS 404 - Clinical Practicum Global and Population Health Nursing

Course Information

Teaching Area (new)
NURS

Course Number
404

Teaching Area
NURS

Course Title
Clinical Practicum Global and Population Health Nursing

Course Description
4-credit to 6-credit clinical practicum focuses on global and population-based nursing perspectives and implementation of an action plan in various local and international settings.

Department
Nursing

When Taught
Spring Term

Credit Hours

Min:
4

Fixed/Max:
6

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 4.

Learning Outcomes

Title
Nursing care to diverse populations.

Learning Outcome
Identify and discuss biases related to diverse populations.

Title
Nursing care to diverse populations.

Learning Outcome
Create and implement effective strategies in nursing care of patients, families, and communities within diverse populations.

Title
Nursing care to diverse populations

Learning Outcome
Create and implement effective strategies in nursing care of patients, families, and communities within diverse populations.

Title
Social determinants of health

Learning Outcome
Articulate the impact of social determinants (political, social, cultural, and environmental issues) and health care systems on health outcomes in the United States of America and globally.

Title
Cultural reflection and growth

Learning Outcome
Students will reflect and describe how their public and global health experiences will improve their nursing care and future contributions to nursing.

NURS 449 - Ethics in Nursing and Healthcare

Course Information

Course Number
449

Teaching Area
NURS

Course Title
Ethics in Nursing and Healthcare

Course Description
Acquisition and application of ethical principles and theories from a nursing perspective in health care settings through advanced written and oral communication assignments and projects. (Fulfills 3 credit advanced writing requirement)

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Successful completion of the 7th semester College of Nursing courses.

Learning Outcomes

Title
Writing

Tags
214263, 0, 1, 2023-08-29 11:44:19

Learning Outcome
Write clearly, focus on a well-defined purpose, use APA conventions of structure, and adopt a voice, tone, and level of formality suited to the audience.

Title
Writing

Tags
214264, 0, 2, 2023-08-29 11:44:20

Learning Outcome
Demonstrate an understanding of writing in the nursing discipline as a strategy for effectively communicating with others and as a way of learning and demonstrating what one has learned.

Title
Writing

Tags
214265, 0, 3, 2023-08-29 11:44:22

Learning Outcome
Demonstrate productive writing processes, which include researching credible sources to inform ideas developing ethically sound and persuasive arguments; organizing content to enhance logical flow of ideas; revising; editing grammar, word usage, spelling, and punctuation; proofreading; seeking and using peer review; properly citing sources to avoid plagiarism; and writing successive drafts of the same paper.

Title
Oral Communication

Tags
214266, 0, 4, 2023-08-29 11:44:23

Learning Outcome
Demonstrate the ability to speak publicly and deliver effective presentations.

Title
Reflective Thinking

Tags
214267, 0, 5, 2023-08-29 11:44:25

Learning Outcome
Engage in reflective thinking to clarify personal moral and ethical values.

Title
Reflective Thinking

Tags
214268, 0, 6, 2023-08-29 11:44:27

Learning Outcome
Analyze ethical dilemmas faced by nurses in clinical practice; identify ethical principles, ethical theories, and common fallacies in thought; provide rationale for possible decisions through thinking and writing critically.

NURS 461 - Psychiatric and Mental Health Nursing

Course Information

Teaching Area (new)
NURS

Course Number
461

Teaching Area
NURS

Course Title
Psychiatric and Mental Health Nursing

Course Description
Content and theory in the practice of psychiatric mental health nursing in various settings with emphasis on pharmacology and interventions to address mental illness.

Department
Nursing

When Taught
Fall, Winter, and Spring

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 4.

Learning Outcomes

Title
Psychiatric Nursing Practice

Tags
206827, 0, 0, 2023-08-01 14:21:21

Learning Outcome
Demonstrate an understanding of common psychiatric disorders across the lifespan that impact individuals and populations and best practice nursing interventions and clinical judgement, including psychotropic medication use.

Title
Communication and Collaboration Skills

Tags
206830, 0, 2, 2023-08-01 14:21:21

Learning Outcome
Explain and practice therapeutic communication skills and strategies with individuals, groups, and health care teams, while providing recovery-oriented care to clients and families.

Title
Nursing Role in the Environment

Tags
206832, 0, 3, 2023-08-01 14:21:21

Learning Outcome
Identify and analyze essential safety, health care system resources, and the nursing role in providing and managing therapeutic environments while advocating for high-quality patient care in collaboration with other health care professionals.

Title
Legal and ethical implications in mental health nursing

Tags
206857, 0, 4, 2023-08-01 14:21:21

Learning Outcome
Examine legal, healthcare policies, gospel principles, and ethical implications that impact the professional care of clients and diverse populations who struggle with mental illness.

NURS 462 - Clinical Practicum for Psychiatric and Mental Health Nursing

Course Information

Teaching Area (new)
NURS

Course Number
462

Teaching Area
NURS

Course Title
Clinical Practicum for Psychiatric and Mental Health Nursing

Course Description
Students integrate knowledge, theory, and communication skills while caring for patients in in-patient and community mental health settings and simulated learning experiences.

Department
Nursing

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 4.

Note
4 12-hour clinical shifts per semester (48 hours); 8 hours in simulation

Learning Outcomes

Title
Communication and collaboration

Tags
203610, 0, 0, 2023-08-01 14:26:54

Learning Outcome
Demonstrate effective communication skills and strategies with individuals, groups and other healthcare professionals while providing gospel and recovery-oriented care to clients in clinical and simulation settings.

Title
Nursing knowledge application

Tags
206861, 0, 1, 2023-08-01 14:26:54

Learning Outcome
Complete a mental status exam, psychosocial assessment and develop evidence-based nursing interventions for psychiatric disorders in clinical and simulation settings.

Title
Providing quality care

Tags
206865, 0, 2, 2023-08-01 14:26:54

Learning Outcome
Demonstrate effective holistic care for those who suffer with mental illness through exemplifying nursing values, exploring your own feelings, strengths, gifts and spirituality.

NURS 471 - Nursing Care of Adults in Crisis

Course Information

Teaching Area (new)
NURS

Course Number
471

Teaching Area
NURS

Course Title
Nursing Care of Adults in Crisis

Course Description
Theory and content in the nursing interventions and care for individuals and families in crisis.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 4.

Learning Outcomes

Title
Application of Nursing Knowledge and Skills

Tags
207089, 0, 0

Learning Outcome
Demonstrate clinical judgment as the nurse notices, assesses, develops, and implements appropriate nursing interventions for acutely ill patients.

Title
Pharmaceutical Nursing Knowledge

Tags
203678, 0, 1

Learning Outcome
Identify and interpret appropriate nursing actions related to pathophysiology, pharmacodynamics, clinical data, and hemodynamics related to the acutely ill patient.

Title
End of Life Patient-Centered Care

Tags
203662, 0, 2

Learning Outcome
Examine death, dyinbg, and other end-of-life issues that impact acutely ill patients and their families.

NURS 472 - Clinical Practicum for Adults in Crisis

Course Information

Teaching Area (new)
NURS

Course Number
472

Teaching Area
NURS

Course Title
Clinical Practicum for Adults in Crisis

Course Description
Clinical practicum in the nursing interventions and care for individuals and families in crisis.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Min:
2.5

Fixed/Max:
2.5

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 4.

Note
13-14 hours clinical per week for 8 weeks (includes pre-assessment).

Learning Outcomes

Title
Application of Nursing Knowledge and Skills

Tags
203700, 0, 0

Learning Outcome
Demonstrate clinical judgment and skills as the student nurses notice, assess, develop, and implement appropriate nursing interventions related to the acutely ill patient in the clinical setting.

Title
Pharmaceutical Nursing Knowledge

Tags
207088, 0, 1

Learning Outcome
Identify, interpret, and evaluate appropriate nursing actions in the clinical setting related to pathophysiology, pharmacodynamics, clinical data, and hemodynamics related to the acutely ill patient.

Title
End of Life Patient Centered Care

Tags
207087, 0, 2

Learning Outcome
Examine and support death, dying, and other end-of-life issues in the clinical setting, that impact acutely ill patients and their families.

NURS 478 - Nursing Skills V

Course Information

Course Number
478

Teaching Area
NURS

Course Title
Nursing Skills V

Course Description
0.5 lab course focuses on cognitive and psychomotor advanced student nursing skills development and application with hands-on, interactive learning activities and pass-offs in the Nursing Learning Center.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
0.5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Nursing Skills

Tags
213140, 0, 1, 2023-08-01 14:33:19

Learning Outcome
The student will demonstrate competency in essential nursing clinical skills by achieving 85% in Objective Standardized Clinical Examination (OSCE) skills testing.

NURS 491 - Nursing Leadership & Health Policy

Course Information

Teaching Area (new)
NURS

Course Number
491

Teaching Area
NURS

Course Title
Nursing Leadership & Health Policy

Course Description
Planning, delivering, and managing patient care; understanding and informing health policy; and cultivating nursing leadership skills in diverse and complex environments.

Department
Nursing

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- NURS 351 - Nursing Care of the Family: Women Across the Lifespan
  AND NURS 361 - Nursing Care of Families: Children

Other Prerequisites
Courses in Nursing Semester 5.

Learning Outcomes

Title
Leadership and Collaboration

Tags
214269, 0, 1, 2023-08-29 11:44:45

Learning Outcome
Demonstrate beginning proficiency in collaborative leadership with an interdisciplinary team.

Title
Health Policy

Tags
214270, 0, 2, 2023-08-29 11:44:47

Learning Outcome
Recognize nursing's contributions as leaders in policy issues and advocate for policies that promote health, prevent harm, and promote the best interest of the individual, community, and profession.

Title
Health Systems

Tags
214271, 0, 3, 2023-08-29 11:44:49

Learning Outcome
Initiate and contribute to evidence-based, patient-centered initiatives to improve quality and safety in health systems.

Tags
214272, 0, 4, 2023-08-29 11:44:51

Learning Outcome
Envision emerging health care delivery models in the context of a learning health system.

Title
Christlike Caring

Tags
214273, 0, 5, 2023-08-29 11:45:09

Learning Outcome
Apply the Healer's art to improve individuals, teams, and systems of health care.

NURS 492 - Clinical Practicum for Capstone Nursing

Course Information

Teaching Area (new)
NURS

Course Number
492

Teaching Area
NURS

Course Title
Clinical Practicum for Capstone Nursing

Course Description
Clinical practicum focusing on planning, delivering, and managing patient care in complex environments. Leadership components incorporated into clinical experiences and practices.

Department
Nursing

When Taught
Fall and Winter

Credit Hours

Min:
5

Fixed/Max:
5

Lecture Hours

Fixed:
0

Other Prerequisites
Courses in Nursing Semester 5.

Note
Requires 210 hours per semester (150 clinical hours; 12 bridging hours; 24 simulation hours; and 24 mentoring hours.)).

Learning Outcomes

Title
Population Health

Learning Outcome
Evaluate health promotion and disease prevention for a specific patient population. Understand and apply social determinants of health, health equity, and the increasing complexity of healthcare to advocate and optimize care for all patients.

Title
Quality of Nursing Care Delivery

Learning Outcome
Exhibit clinical judgment, knowledge, and skills in leadership, quality improvement, and patient safety necessary to provide high-quality, patient-centered, and population-based health care.

Title
Professionalism

Learning Outcome
Describe and demonstrate professionalism in nursing using the values of accountability, collaboration; compassion, diversity, equity, belonging; innovation, inspiration, integrity, learning; and service.

Title
Interprofessional Communication and Collaboration

Learning Outcome
Demonstrate effective communication principles and collaboration among interdisciplinary healthcare professionals and community partners to foster team respect and trust and deliver high-quality, patient-centered, and population-based care.

Title
Information Management and Technology

Learning Outcome
Demonstrate clinical judgment, knowledge, and skills in data management and patient care technology to guide quality patient-centered care.

Title
Nursing Regulatory Environment

Learning Outcome
Evaluate how nursing policies and regulatory issues influence nursing care within a complex healthcare system and are essential for social determinants of health and professional nursing practice.

Title
Identify and explain correlations between clinical practice and evidence-based practice with the Healer’s Art and Gospel principles

Learning Outcome
Integrate the principles of the Gospel of Jesus Christ as part of clinical judgment; caring holistically for diverse individuals, families, communities, and populations; personal health and well-being; and life-long learning.

Title
Communicate professionally in original written and oral forms

Learning Outcome
Evaluate and integrate information from clinical case studies using current evidence-based practice through an oral presentation.

NURS 505 - Interprofessional Education for the Health Professions

Course Information

Teaching Area (new)
NURS

Course Number
505

Teaching Area
NURS

Course Title
Interprofessional Education for the Health Professions

Course Description
The acquisition of knowledge of interprofessional education (IPE) and teamwork in the health professions. IPE will be explored from the perspectives of roles and responsibilities for collaborative practice. Values and ethics for interprofessional collaboration. Issues and complexities surrounding patient safety, patient advocacy, teams, teamwork and communication particularly how to deal with conflict. Quality Improvement strategies, patient-centered care, evidenced-based collaborative practice and leadership impact on the individual, family, health care system, and society. Course participants will individually determine their personal perspectives about teamwork and interprofessional education.

Department
Nursing

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Advancement of Knowledge

Tags
210147, 0, 1

Learning Outcome
Student will demonstrate an advanced level of knowledge in chosen specialty area.

Title
Foundational Knowledge

Tags
210149, 0, 3

Learning Outcome
Generate a knowledge base of interprofessional education (IPE) and teamwork and issues associated with health professional teams.

Title
Application

Tags
210150, 0, 4

Learning Outcome
Use knowledge concepts to solve IPE and team issues recognizing that interprofessional care is essential for quality health care.

Title
Integration

Tags
210151, 0, 5

Learning Outcome
Compare and connect IPE and teamwork impact on team members, the health care system, as well as the individual, family and community.

Title
Human Dimension

Tags
210152, 0, 6

Learning Outcome
Compose a personal perspective toward interprofessional education and teamwork

Title
Caring

Tags
210153, 0, 7

Learning Outcome
Create a perspective on IPE and teamwork that validates the individual importance of God's children that recognizes the potential of each team member and acknowledges that IPE perspectives include the whole (biopsychosocial and spiritual) person.

Title
Learning how to learn

Tags
210154, 0, 8

Learning Outcome
Reflect on how personal development is connected to professional development as a life-long learner.

Title
Evaluation of current information

Tags
210148, 0, 2

Learning Outcome
Students will analyze and evaluate current research, literature, best practices, and guidelines related to special topic area.

NURS 555 - Pharmacology in Advanced Practice

Course Information

Teaching Area (new)
NURS

Course Number
555

Teaching Area
NURS

Course Title
Pharmacology in Advanced Practice

Course Description
Principles of pharmacology, prescribing and managing drug therapy for advanced practice nurses.

Department
Nursing

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Prescribing Medications

Tags
203715, 0, 5

Learning Outcome
Correctly prescribes medications for various disease states considering drug-to-drug interactions.

Title
Pathophysiology of Disease States

Tags
203707, 0, 1

Learning Outcome
Describes from a therapeutic standpoint the root causes of various disease states and the effect of pharmacological treatment.

Title
Drug Classification Effects

Tags
203708, 0, 2

Learning Outcome
Explains how various drug classes alter and treat the root causes or symptoms of diseases.

Title
Drug Classifications

Tags
203713, 0, 3

Learning Outcome
Identifies ambulatory care drugs in each drug class including their standard doses and directions.

Title
Appropriate Drug Therapy

Tags
203714, 0, 4

Learning Outcome
Selects an appropriate therapy based on guidelines and cost-effectiveness.

Title
Decision-Making Skills

Tags
212908, 0, 6

Learning Outcome
Applies appropriate decision-making skills in initiating, monitoring, and modifying pharmacological treatment plans.

Title
Pharmacodynamics/Pharmacokinetics

Tags
212909, 0, 7

Learning Outcome
Demonstrates an understanding of the relationship between patients' physiological/pathological variables and pharmacodynamics/ pharmacokinetics.

Title
Pharmacotherapeutics

Tags
212910, 0, 8

Learning Outcome
Applies individualized, evidence-based knowledge of pharmacotherapeutics to patients based on age, gender, race, culture, pathological condition, and individual needs.

NURS 590R - Special Topics

Course Information

Teaching Area (new)
NURS

Course Number
590R

Teaching Area
NURS

Course Title
Special Topics

Course Description
Individualized study.

Department
Nursing

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
4

Other Prerequisites
Instructor's consent

Learning Outcomes

Tags
214274, 0, 1, 2023-08-29 11:45:21

Learning Outcome
Students will identify an area where increased skills/knowledge are needed.

Tags
214275, 0, 2, 2023-08-29 11:45:23

Learning Outcome
Students will develop a plan to increase the skills/knowledge.

Tags
214276, 0, 3, 2023-08-29 11:45:24

Learning Outcome
Students will implement a plan to demonstrate increased desired skills/ knowledge.

NURS 599R - Graduate Nursing Internship

Course Information

Teaching Area (new)
NURS

Course Number
599R

Teaching Area
NURS

Course Title
Graduate Nursing Internship

Course Description
Internship experiences provide international students opportunities to reinforce principles learned during their graduate coursework and practice skills acquired during undergraduate education. Internship students are primarily responsible for how much they learn. Students will engage in the work of a registered nursing in Utah and reflect on the differences and similarities between practice as a registered nurse and their future practice as a family nurse practitioner.

Department
Nursing

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
4

Note
An APPROVED Internship Application is required before adding.

P POL 501 - Introduction to Policy Analysis

Course Information

Teaching Area (new)
P POL

Course Number
501

Teaching Area
P POL

Course Title
Introduction to Policy Analysis

Course Description
Models of policy analysis; defining policy; problems and policy analysis questions.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Policy-Making Processes

Tags
183920, 1

Learning Outcome
Understand the policy-making process, particularly the political realities associated with adopting, implementing, and evaluating policy.

Title
Effective Research

Tags
183934, 0

Learning Outcome
Conduct extensive background research relevant to a wide range of social problems.

Title
Effective Writing

Tags
183958, 2

Learning Outcome
Write effectively for different audiences, including elected officials and other policy decision makers, policy analysts, and the public

Title
Effective Communication

Tags
184033, 3

Learning Outcome
Achieve excellence in making oral presentations to different kinds of audiences and master presentation software.

P POL 502 - Policy Process

Course Information

Teaching Area (new)
P POL

Course Number
502

Teaching Area
P POL

Course Title
Policy Process

Course Description
Models of public policy making; interaction of politics and policy making.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Write Effectively

Tags
183978, 1

Learning Outcome
Write effectively for different audiences, including elected officials and other policy decision makers, policy analysts, and the public

Title
Policy-Making Processes

Tags
184011, 0

Learning Outcome
Understand the policy-making process, particularly the political realities associated with adopting, implementing, and evaluating policy.

Title
Effective Communication

Tags
184019, 2

Learning Outcome
Achieve excellence in making oral presentations to different kinds of audiences and master presentation software.

P POL 505 - Normative Theories of Policy Analysis

Course Information

Teaching Area (new)
P POL

Course Number
505

Teaching Area
P POL

Course Title
Normative Theories of Policy Analysis

Course Description
Alternative norms and values used in making policy choices.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Policy Criteria Evaluation

Tags
183918, 0

Learning Outcome
Compare different normative criteria in making policy choices.

Title
Policy Analysis

Tags
184111, 1

Learning Outcome
Identify the costs and benefits accruing to different groups of people from different policy alternatives.

P POL 599R - Academic Internship

Course Information

Teaching Area (new)
P POL

Course Number
599R

Teaching Area
P POL

Course Title
Academic Internship

Course Description
Internship with an organization conducting policy analysis.

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
P Pol 501, 502, 505, 603, 604; Econ 380, 382, 475, or equivalents

Learning Outcomes

Title
Policy Brief

Tags
183965, 1

Learning Outcome
Write a policy brief relative to something you learned or studied in your internsihp

Title
Internship

Tags
184049, 0

Learning Outcome
Complete a professional internship in the public policy field

PERSI 100 - Language Study: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
100

Teaching Area
PERSI

Course Title
Language Study: Persian

Course Description
Survival-level conversation, reading, listening, and culture skills in Persian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197670, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197671, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197672, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

PERSI 101 - First-Year Language Study: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
101

Teaching Area
PERSI

Course Title
First-Year Language Study: Persian

Course Description
Beginning speaking, listening, reading, and writing skills in Persian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197673, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197674, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197675, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197676, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

PERSI 102 - First-Year Language Study: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
102

Teaching Area
PERSI

Course Title
First-Year Language Study: Persian

Course Description
Second-semester speaking, listening, reading, and writing skills in Persian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PERSI 101 - First-Year Language Study: Persian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197677, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197678, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197679, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197680, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

PERSI 201 - Second-Year Language Study: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
201

Teaching Area
PERSI

Course Title
Second-Year Language Study: Persian

Course Description
Intermediate speaking, listening, reading, and writing skills in Persian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PERSI 102 - First-Year Language Study: Persian

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197681, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197682, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197683, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197684, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

PERSI 202 - Second-Year Language Study: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
202

Teaching Area
PERSI

Course Title
Second-Year Language Study: Persian

Course Description
Continued emphasis on Persian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PERSI 201 - Second-Year Language Study: Persian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197685, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197686, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197687, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197688, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

PERSI 305 - Language Skills Development: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
305

Teaching Area
PERSI

Course Title
Language Skills Development: Persian

Course Description
Increasing proficiency in one or more of the following Persian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197689, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197690, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197691, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

PERSI 321 - Advanced Grammar: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
321

Teaching Area
PERSI

Course Title
Advanced Grammar: Persian

Course Description
Advance your Persian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197692, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197693, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197694, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
330

Teaching Area
PERSI

Course Title
Advanced Language Proficiency Through Cultural Studies: Persian

Course Description
Study of Persian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Persi 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197695, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197696, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197697, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197698, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

PERSI 340 - Introduction to Literature: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
340

Teaching Area
PERSI

Course Title
Introduction to Literature: Persian

Course Description
Explore Persian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197699, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197700, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197701, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197702, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

PERSI 350 - Advanced Language Study for Career Purposes: Persian

Course Information

Teaching Area (new)
PERSI

Course Number
350

Teaching Area
PERSI

Course Title
Advanced Language Study for Career Purposes: Persian

Course Description
Concentration on Persian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PERSI 330 - Advanced Language Proficiency Through Cultural Studies: Persian

Learning Outcomes

Title
Defined Career Purposes

Tags
197703, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197704, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197705, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197706, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197707, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

PETE 169 - Elementary Skills and Activities

Course Information

Teaching Area (new)
PETE

Course Number
169

Teaching Area
PETE

Course Title
Elementary Skills and Activities

Course Description
Physical skills and activities specific to elementary-age children.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Required for elementary education majors.

Learning Outcomes

Title
Skills for Physical Education

Tags
178747, 1

Learning Outcome
1. The students will develop the skills for physical education activities taught in elementary schools.

PETE 212 - Physical and Health Education for Elementary School Teachers

Course Information

Teaching Area (new)
PETE

Course Number
212

Teaching Area
PETE

Course Title
Physical and Health Education for Elementary School Teachers

Course Description
Prospective elementary teachers gain physical and health education content, teaching strategies, and field experience. Focuses on classroom management, curriculum design, and early opportunities to practice and refine instructional skills.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
FBI fingerprint and background clearance.

Learning Outcomes

Title
Outcome 1

Tags
178845, 1

Learning Outcome
Identify the purposes and objectives of physical education in the elementary school curriculum as evidenced by written examinations.

Title
Outcome 2

Tags
178847, 3

Learning Outcome
Discuss the major ways to establish and maintain a teaching environment which is conducive to learning. Major categories should include instructional cues, feedback, teaching styles, and skill presentation as assessed by written examination.

Title
Outcome 3

Tags
179077, 2

Learning Outcome
Describe the four basic parts of a lesson plan and the requisite planning required for effective presentation of the plan as evidenced by video analysis of actual teaching PE lessons in the public schools.

Title
Outcome 4

Tags
179078, 5

Learning Outcome
Effectively teach, manage, and discipline students in a physical education class as evidenced by successfully teaching in th epublic schools assessed by video analysis and final video project.

Title
Outcome 5

Tags
179079, 6

Learning Outcome
Analyze your teaching using digital video by identifying instances of teaching which show your teaching abilities based on the desired competencies and explain how you met the competency as evidenced by video analysis final project.

Title
Outcome 6

Tags
179080, 7

Learning Outcome
Understand basic principles of fitness, physical activity, and motivation and how these principles relate to children's growth and development in these areas as assessed by written examination.

Title
Outcome 7

Tags
179081, 8

Learning Outcome
Understand motivation in physical education as assessed by written examination.

Title
Outcome 8

Tags
179082, 9

Learning Outcome
Understand important liability principles applicable to a physical education class as assessed by written examination.

Title
Outcome 9

Tags
179083, 10

Learning Outcome
Demonstrate ability to perform specific desired competencies as evidenced by the final video project.

PETE 227 - Fitness for Life

Course Information

Teaching Area (new)
PETE

Course Number
227

Teaching Area
PETE

Course Title
Fitness for Life

Course Description
Fitness wellness knowledge and skills. Application of these principles to promote a lifelong healthy lifestyle.\n

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Functional Fitness

Tags
208215, 0, 1

Learning Outcome
Understand functional fitness principles and assess personal functional fitness levels

Title
Fitness Components

Tags
208216, 0, 2

Learning Outcome
Identify the five fitness components(cardiorespiratory fitness, flexibility, muscular strength and endurance, and body composition/weight management) and their health-related benefits

Title
Assess Personal Fitness Status

Tags
208217, 0, 3

Learning Outcome
For each fitness component, assess current personal status, and write an individualized program

Title
Environmental Factors that Affect Exercise

Tags
208218, 0, 4

Learning Outcome
Identify environmental factors that affect exercise

Title
Professional Behavior

Tags
208219, 0, 5

Learning Outcome
Students will conduct themselves in a professional manner in accordance with Utah State Board Rule R277-515

PETE 228 - Team Sport Fundamentals and Fitness for Life

Course Information

Teaching Area (new)
PETE

Course Number
228

Teaching Area
PETE

Course Title
Team Sport Fundamentals and Fitness for Life

Course Description
Skills, content, and pedagogical knowledge in team sports: soccer, basketball, volleyball, and football. Also covers Fitness for Life.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Learning Outcomes

Title
Team Sport Fundamentals

Tags
178949, 1

Learning Outcome

Students will demonstrate knowledge of sport/activity specific skills, drills, rules and strategies and their applications to secondary PE settings as demonstrated on an exam.
Students will know a variety of sport/activity specific drills and activities that can be used in future teaching through participation in class.
Students will demonstrate how to teach a sport/activity specific skill, drill, or strategy through a group teaching assignment.
Students will demonstrate skill ability in the basic sport/activity skills through a skill assessment.
Students will demonstrate understanding of the five fitness components and apply them in individual life: cardiovascular endurance, flexibility, muscular strength and endurance, and body composition.

PETE 230 - K-12 Physical Activities Content and Skills 1

Course Information

Teaching Area (new)
PETE

Course Number
230

Teaching Area
PETE

Course Title
K-12 Physical Activities Content and Skills 1

Course Description
Skills, content, and pedagogical knowledge in lifetime activities: jogging, soccer, softball, tennis. Also covers legal issues in PE.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into PETE program.

Learning Outcomes

Title
Drills and Lead-up Games

Tags
178758, 3

Learning Outcome
Learn basic drills and lead-up games for each sport

Title
Technique of Each Sport

Tags
178759, 1

Learning Outcome
Demonstrate proper technique for the major skills of each sport

Title
Skills of Each Sport

Tags
178760, 1

Learning Outcome
Develop basic skills for each sport/activity

Title
Rules of Each Sport

Tags
178764, 2

Learning Outcome
Learn the basic rules of each sport/activity

Title
Ensuring Safety

Tags
178772, 4

Learning Outcome
Understand how to ensure safety in the physical education program, focusing on prevention

Title
Fitness for Life

Tags
179085, 5

Learning Outcome
Demonstrate an understanding of the components of fitness for life.

PETE 231 - K-12 Physical Activities Content and Skills 2

Course Information

Teaching Area (new)
PETE

Course Number
231

Teaching Area
PETE

Course Title
K-12 Physical Activities Content and Skills 2

Course Description
Skills, content, and pedagogical knowledge in lifetime activities: aerobics, badminton, basketball, swimming, and volleyball.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into PETE program.

Learning Outcomes

Title
Skills Assessment

Tags
178735, 3

Learning Outcome
Demonstrate skill ability in the basic sport/activity skills through a skill assessment.

Title
Sport Specific Drills

Tags
178736, 1

Learning Outcome
The students will know a variety of sport/activity specific drills and activities that can be used in future teaching through participation in class.

Title
Application to Secondary PE

Tags
178780, 1

Learning Outcome
The students will demonstrate knowledge of sport/activity specific skills, drills, rules and strategies and their applications to Secondary PE settings as demonstrated on an exam.

Title
Group Teaching Assignment

Tags
178812, 2

Learning Outcome
The students wil demonstrate how to teach a sport/activity specific skill, drill, or strategy through a group teaching assignment.

PETE 232 - Physical Education Pedagogy

Course Information

Teaching Area (new)
PETE

Course Number
232

Teaching Area
PETE

Course Title
Physical Education Pedagogy

Course Description
Sport pedagogy for students minoring in coaching and teaching physical education.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PETE 230 - K-12 Physical Activities Content and Skills 1

Other Prerequisites
Physical Education/Coaching minor status.

Learning Outcomes

Title
professionalism

Tags
178713, 5

Learning Outcome
Learn how to be an effective observer and evaluator of your peer by completing a peer evaluation form for each lesson taught.

Title
professionalism

Tags
178731, 4

Learning Outcome
Analyze and evaluate your teaching performance by watching the video of each of your teaching performance and completing a self-evaluation form setting goals and strategies to be implemented in the next lesson.

Title
instructional strategies

Tags
178740, 1

Learning Outcome
Understand current instructional methods and the theories upon which they are based.

Title
content knowledge

Tags
178748, 0

Learning Outcome
Acquire the basic knowledge and skills necessary to effectively help secondary students become physically educated.

Title
learning environment

Tags
178761, 3

Learning Outcome
Learn the tools to effectively manage and instruct a physical education classroom.

Title
planning

Tags
178767, 2

Learning Outcome
Develop and demonstrate the ability to teach using a variety of teaching styles and methods effectively in the physical education setting.

PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education

Course Information

Teaching Area (new)
PETE

Course Number
274

Teaching Area
PETE

Course Title
Fundamental Skills and Teaching Methods for Elementary Physical Education

Course Description
Identifying and demonstrating fundamental skills; identifying immature and mature movement patterns; selecting developmentally appropriate activities; appropriate management techniques.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Concurrent enrollment in PETE 230; FBI fingerprint and background clearance.

Note
For PETE majors only.

Learning Outcomes

Title
National Standard

Tags
178727, 1

Learning Outcome
Demonstrate an understanding of the National Standards for Elementary School Physical Education

Title
Classroom Management

Tags
178729, 1

Learning Outcome
Learn the tools to effectively manage and instruct a classroom

Title
Lessons Management

Tags
178765, 2

Learning Outcome
Learn, select and implement in your lessons management and instruction strategies based on developmental levels, and safety issues.

Title
Apply Activities from Diverse Perspectives

Tags
178778, 3

Learning Outcome
Apply activities and techniques that encourages learners to see, question, and interpret physical activity from diverse perspectives

PETE 276R - Exploration of Teaching

Course Information

Teaching Area (new)
PETE

Course Number
276R

Teaching Area
PETE

Course Title
Exploration of Teaching

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PETE 230 - K-12 Physical Activities Content and Skills 1 **AND** PETE 274 - Fundamental Skills and Teaching Methods for Elementary Physical Education

Other Prerequisites
FBI fingerprint and background clearance

Learning Outcomes

Title
National Standards

Tags
178861, 1

Learning Outcome
Demonstrate an understanding of the National Standards in relationship to junior high school students as evidenced through the TWS assignment.

Title
Professionalism

Tags
178862, 1

Learning Outcome
Demonstrate attitudes and behaviors that exhibit professionalism. Students will demonstrate competence as evidences by their attendance in class, appropriate dress, lesson plan preparation, and the group TWS assignment.

Title
Assessment Strategies

Tags
178863, 2

Learning Outcome
Students will demonstrate traditional and authentic assessment strategies by applying them to an assigned unit of instruction, creating objectives and designing assessments to meet those objectives in all three learning domains completing two sections of the Teacher Work Sample (TWS).

Title
Lesson Planning

Tags
178864, 3

Learning Outcome
Write developmentally appropriate lesson plans for junior high school students using the known characteristics of junior high students. Students will demonstrate competence as evidenced by completed lesson plans required as a part of the middle school teaching practicum experience.

Title
Trends in Physical Education

Tags
178865, 4

Learning Outcome
Students will demonstrate the ability to identify the current trends in physical education assessment and grading strategies as evidenced through written reaction papers, and quizzes.

Title
Management Skills

Tags
178866, 5

Learning Outcome
Model appropriate instruction and management skills when teaching junior high students. Students will demonstrate competence through completion of the desired competency viewing assignment, and the final desired competency project from their middle school teaching practicum experience.

PETE 300 - Advocacy for Physical Education

Course Information

Teaching Area (new)
PETE

Course Number
300

Teaching Area
PETE

Course Title
Advocacy for Physical Education

Course Description
Historical and sociological cornerstones of physical education.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into PETE program

Learning Outcomes

Title
Past, Present and Future

Tags
178851, 1

Learning Outcome
Use the knowledge and experience of the past to understand the programs of today and apply it toward building programs of the future. Students will demonstrate competence as evidenced by the advocacy mid-term exam.

Title
Written and Verbal Communication

Tags
178853, 1

Learning Outcome
Be able to interpret and communicate knowledge and experience in both written and verbal forms. Students will demonstrate competence as evidences by the professionalism reaction papers, advocacy exam, advocacy media campaign, physical education history presentation, and the final teaching philosophy paper

Title
Effective Advocacy

Tags
178855, 2

Learning Outcome
Demonstrate an understanding of the principles of effective advocacy in the K-12 school teaching setting. Students will demonstrate competence as evidences by the professionalism reaction papers, advocacy mid-term exam, and the media campaign assignment.

Title
History of Physical Education

Tags
178856, 3

Learning Outcome
Demonstrate an understanding of the history of physical education and its impact on the future. Students will demonstrate competence of this on the physical education history quiz and group presentation.

Title
Professionalism

Tags
178857, 4

Learning Outcome
Be examples of Christian living by being kind and attentive during class discussions, classmates' presentations, and looking for opportunities to serve one another. Students will demonstrate competence through the professionalism assignments, group media campaign assignment, and the physical education history group presentation.

PETE 301 - K-12 Healthy and Active Lifestyle Management

Course Information

Teaching Area (new)
PETE

Course Number
301

Teaching Area
PETE

Course Title
K-12 Healthy and Active Lifestyle Management

Course Description
Understanding the content and pedagogical knowledge required to manage a healthy and active lifestyle; how to impart this knowledge to public school students.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Admittance into PETE program.

Learning Outcomes

Title
content knowledge

Tags
178833, 0

Learning Outcome
Learn and apply lifestyle (nutrition/weight control and physical activity) management skills in their personal lives as assessed via LoseIt online logging program.

Title
curriculum knowledge

Tags
178834, 1

Learning Outcome
Demonstrate understanding of current curricular trends specific to healthy lifestyle choices such as the health club model as assessed via written examinations.

Title
learning environments

Tags
178835, 2

Learning Outcome
Demonstrate understanding and ability to design, implement and manage a healthy and active school environment program as evidenced by completing a group project and presentation.

Title
Pedagogy

Tags
178836, 4

Learning Outcome
Demonstrate understanding and application of concepts specific to healthy and active lifestyle management and their accompanying pedagogical strategies as evidenced by micro/peer teaching assignment.

PETE 302 - Advocacy for Physical Education and Healthy and Active Lifestyles

Course Information

Course Number
302

Teaching Area
PETE

Course Title
Advocacy for Physical Education and Healthy and Active Lifestyles

Course Description
This course provides historical context along with a researched based framework in which educators develop the skills necessary to be effective advocates for physical education and healthy and active lifestyles.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Content Knowledge

Learning Outcome
Demonstrate an understanding of the history of physical education and its impact on the future through class quizzes.

Title
Instructional Planning

Learning Outcome
Demonstrate an understanding of the principles of effective advocacy in the K-12 school teaching setting through an advocacy group project.

Title
Learning Environments

Learning Outcome
Demonstrate an understanding and ability to design, implement, and manage a healthy and active school environment program as evidenced by completing a group project and presentation.

Title
Instructional Strategies

Learning Outcome
Demonstrate understanding and application of concepts specific to healthy and active lifestyle management and their accompanying K-12 instructional strategies as evidenced by micro/peer teaching assignment.

Title
Content Knowledge

Learning Outcome
Demonstrate an understanding of current curricular trends specific to healthy lifestyle choices via written research reaction papers.

Title
Professional and Ethical Behavior

Learning Outcome
Be examples of Christian living by being kind and attentive during class discussions, classmates' presentations, making significant contributions to group projects, and looking for opportunities to serve one another.

PETE 330R - Coaching Selected Sports

Course Information

Teaching Area (new)
PETE

Course Number
330R

Teaching Area
PETE

Course Title
Coaching Selected Sports

Course Description
Theory, fundamentals, strategies, and techniques for coaching sports sanctioned by the Utah High School Athletic Association.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent in the sport in which the student will do their coaching internship

Learning Outcomes

Title
Risk Management

Tags
178730, 1

Learning Outcome
Understand procedures, guidelines, and duties of the coach as they relate to risk management.

Title
Rules and Strategies

Tags
178749, 3

Learning Outcome
Demonstrate knowledge of the rules and strategies of your selected sport.

Title
Offense, Defense, etc.

Tags
178754, 1

Learning Outcome
Gain an understanding of offense, defense, special situations, and philosophy.

Title
Discuss with Other Coaches

Tags
178774, 2

Learning Outcome
Understand the importance of discussing the sport, how it should be taught, and safety procedures with other coaches.

PETE 335 - Coaching Competitive Swimming

Course Information

Teaching Area (new)
PETE

Course Number
335

Teaching Area
PETE

Course Title
Coaching Competitive Swimming

Course Description
Theory, fundamentals, strategies, and techniques of coaching swimming.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules and Strategies

Tags
178768, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of your selected sport .

PETE 341 - Coaching Basketball

Course Information

Teaching Area (new)
PETE

Course Number
341

Teaching Area
PETE

Course Title
Coaching Basketball

Course Description
Theory, fundamentals, strategies, and techniques of coaching basketball.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules of Strategies

Tags
178801, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of your selected sport .

PETE 342 - Coaching Track and Field

Course Information

Teaching Area (new)
PETE

Course Number
342

Teaching Area
PETE

Course Title
Coaching Track and Field

Course Description
Theory, fundamentals, strategies, and techniques of coaching track and field.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent.

Learning Outcomes

Title
Rules and Strategies

Tags
178720, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of your selected sport .

PETE 344 - Coaching Football

Course Information

Teaching Area (new)
PETE

Course Number
344

Teaching Area
PETE

Course Title
Coaching Football

Course Description
Theory, fundamentals, strategies, and techniques of coaching football.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules and Strategies

Tags
178743, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of football .

PETE 345 - Coaching Volleyball

Course Information

Teaching Area (new)
PETE

Course Number
345

Teaching Area
PETE

Course Title
Coaching Volleyball

Course Description
Theory, fundamentals, strategies, and techniques of coaching volleyball.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules and Strategies

Tags
178779, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of volleyball .

PETE 346 - Coaching Baseball and Softball

Course Information

Teaching Area (new)
PETE

Course Number
346

Teaching Area
PETE

Course Title
Coaching Baseball and Softball

Course Description
Theory, fundamentals, strategies, and techniques of coaching baseball and softball.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules and Strategies

Tags
178782, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of baseball and softball.

PETE 347 - Coaching Soccer

Course Information

Teaching Area (new)
PETE

Course Number
347

Teaching Area
PETE

Course Title
Coaching Soccer

Course Description
Theory, fundamentals, strategies, and techniques of coaching soccer.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Appropriate skills and teaching techniques class or equivalent

Learning Outcomes

Title
Rules and Strategies

Tags
178715, 1

Learning Outcome
The students will demonstrate knowledge of the rules and strategies of soccer .

PETE 364 - Scientific Bases of Sport: Motor Learning.

Course Information

Teaching Area (new)
PETE

Course Number
364

Teaching Area
PETE

Course Title
Scientific Bases of Sport: Motor Learning.

Course Description
Motor learning principles for physical education and coaching.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Practice Session Design

Tags
178843, 1

Learning Outcome
The student will be able to understand and design practice sessions for students/athlete by successfully completing their final project

Title
Foundations of Skill Instruction

Tags
178844, 2

Learning Outcome
The student will be able to know foundations of skill instruction by successfully completing their final project.

Title
Student/Athlete Skill Needs

Tags
178846, 3

Learning Outcome
The student will be able to know students/athletes skill need by successfully completing their final project and passing the final exam.

PETE 366 - Exercise Physiology for Physical Educators

Course Information

Teaching Area (new)
PETE

Course Number
366

Teaching Area
PETE

Course Title
Exercise Physiology for Physical Educators

Course Description
Physiology of activity for physical education teaching students.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
PETE 230 for majors; PETE 228 for minors.

Recommended
PDBio 305

Learning Outcomes

Title
Exercise Physiology for Physical Educators

Tags
178950, 1

Learning Outcome

Students will deepen their understanding of how the human body functions and maintains homeostatis during the increased metabolic demands of exercise.
Students will understand the interaction of the nervous, muscle, cardiovascular, pulmonary, and metabolic systems at rest and during exercise.
Students will be able to design an age and developmentally appropriate, sport specific exercise and conditioning prescription for one of the following purposes: endurance, strength, and weight control.

PETE 367 - Scientific Foundations for Physical Education Teachers

Course Information

Course Number
367

Teaching Area
PETE

Course Title
Scientific Foundations for Physical Education Teachers

Course Description
This course provides a scientific foundation in the areas of motor learning and physiology of activity for physical education teaching students. Application of these foundational principles will be made for a K-12 physical education teaching and coaching environment.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Content Knowledge

Learning Outcome
Explain and apply foundational principles of exercise physiology, including how body systems respond to exercise and adapt to training.

Title
Learner Development

Learning Outcome
Analyze and design age-appropriate exercise and conditioning programs that develop key fitness components in safe and effective ways.

Title
Skill and Fitness Based Competence

Learning Outcome
Explain and apply motor learning principles, including stages of learning, practice structures, and feedback strategies.

Title
Learning Differences

Learning Outcome
Adapt instruction to diverse learners and contexts, using scientific knowledge to promote skill development, motivation, and lifelong participation in physical activity.

Title
Instructional Planning

Learning Outcome
Integrate exercise physiology and motor learning concepts into practical teaching and coaching scenarios to prepare for professional roles in schools and sport programs.

Title
Professional and Ethical Behavior

Learning Outcome
Be examples of Christian living by being kind and attentive during class discussions, classmates' presentations, making significant contributions to group projects, and looking for opportunities to serve one another.

PETE 377 - Secondary Practicum

Course Information

Teaching Area (new)
PETE

Course Number
377

Teaching Area
PETE

Course Title
Secondary Practicum

Course Description
Written and practical teaching assignments designed to help prospective teachers plan, conduct, and evaluate lessons and unit plans appropriate to adolescent students.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PETE 231 - K-12 Physical Activities Content and Skills 2 **AND** PETE 276R - Exploration of Teaching

Other Prerequisites
FBI fingerprint and background clearance.

Note
For PETE majors only.

Learning Outcomes

Title
Unit Plan

Tags
178738, 5

Learning Outcome
The students will demonstrate competency in instructional design principles by completing a unit plan of instruction and passing the assignment.

Title
Tasks for Running Program

Tags
178815, 1

Learning Outcome
The students will understand the tasks associated with the effective running of a physical education program by completing a Task Summary sheet at their assigned school.

Title
Design lesson plans

Tags
178816, 6

Learning Outcome
Design effective lesson plans that include adaptations to accommodate all students' needs.

Title
Self-evaluation of teaching

Tags
178817, 8

Learning Outcome
Analyze their teaching by completing a self-evaluation form after each teaching experience, completing desired competencies and transcriptions of their teaching instances by using StudioCode software, and a final reflective paper on their teaching.

Title
Peer evaluator

Tags
178818, 9

Learning Outcome
Be a useful observer and evaluator on their teaching team by completing peer evaluation forms.

Title
Tournaments

Tags
178819, 2

Learning Outcome
The students will understand types of tournaments and when to use them as evidenced by passing the tournament quiz.

Title
Literacy in Physical Education

Tags
178820, 10

Learning Outcome
Understand how to integrate reading skills into the physical education curriculum by passing the reading assignment.

Title
Management and Instructional Strategies

Tags
178821, 7

Learning Outcome
The students will incorporate effective management and instructional strategies when teaching by obtaining an average rating above "1."

Title
Professional and Ethical Behavior

Tags
179097, 11

Learning Outcome
Students will conduct themselves in a professional manner in accordance with Utah State Board Rule R277-515

PETE 399R - Academic Internship: Coaching

Course Information

Teaching Area (new)
PETE

Course Number
399R

Teaching Area
PETE

Course Title
Academic Internship: Coaching

Course Description
On-the-job experience in coaching.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PETE 430 - Principles of Coaching

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Goals

Tags
178876, 3

Learning Outcome
Students will demonstrate their ability to set goals for themselves and the athletes they work with by completing a goal assignment that asks them to set 3 goals for themselves and 3 goals for the athletes they work with then completing an assignment in which they evaluate their progress with those goals at the end of their internship.

Title
Internship Hours

Tags
178875, 0, 2

Learning Outcome
Students will demonstrate their abitlity to coach by completing at least 50 hours under the supervision of a head coach.

Title
Evaluation of Progress

Tags
178877, 0, 4

Learning Outcome
Students will demonstrate their ablity to grow and improve as a coach as evidenced by the feedback, mid season evaluation and final evaluation they receive from the head coach they work with.

PETE 430 - Principles of Coaching

Course Information

Teaching Area (new)
PETE

Course Number
430

Teaching Area
PETE

Course Title
Principles of Coaching

Course Description
Developing a philosophy of coaching; understanding coaching responsibilities and techniques; preparing athletes; valuing professional relationships with others.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Philosophy of Coaching

Tags
178822, 1

Learning Outcome
Craft a Personal Coaching Philosophy Relating to Motivation, Organization, Discipline, and Ethics. Measured by: Final Project and WMI Activity

Title
Professionalism

Tags
178823, 2

Learning Outcome
Understand Your "Why" as a Leader, Mentor, and Coach, and the Impact on Athletes' Lives. Measured by: Weekly Journal Entries and Reflection 2 ("InSideOut Coaching")

Title
Literate in the Content

Tags
178824, 6

Learning Outcome
1. Develop Understanding of the Roles of Sport Across Different Levels and Age Groups. Measured by: Athlete/Coach Interviews and in-class panel discussions 2. Engage in Dialogue on Current Coaching Issues. Measured by: Class Participation and Weekly Journal Discussions

Title
Developing Professional Relationships

Tags
178826, 10

Learning Outcome
Identify Key Gospel Principles for Effective Mentorship and Leadership. Measured by: Reflection 1 (Christlike Teaching and Leadership Principles) and InSideOut Coaching Quizzes

PETE 450 - Psychology of Sport

Course Information

Teaching Area (new)
PETE

Course Number
450

Teaching Area
PETE

Course Title
Psychology of Sport

Course Description
Basic overview of sports psychology.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Psychology of Sport

Tags
178933, 1

Learning Outcome
PETE 450 is an inactive course. Learning Outcomes will be created if the course is offered.

PETE 461 - Adapted and Multicultural Physical Education for Teaching Majors

Course Information

Teaching Area (new)
PETE

Course Number
461

Teaching Area
PETE

Course Title
Adapted and Multicultural Physical Education for Teaching Majors

Course Description
Legal mandates, assessing and identifying special needs students, multicultural issues, and management and instructional techniques.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
FBI fingerprint and background clearance.

Note
For questions related to fingerprint clearance, contact the Education Advisement Center (350 MCKB, 801-422-3426).

Learning Outcomes

Title
Meet needs

Tags
178734, 1

Learning Outcome
*Use appropriate strategies, services, and resources to meet special and diverse learning needs.

Title
Multicultural Integration

Tags
178742, 7

Learning Outcome
Learn how to work and attend to the needs of multicultural students integrated in physical education

Title
Student Integration

Tags
178744, 5

Learning Outcome
Know how to teach students with disabilities integrated in regular physical education programs.

Title
Physical Applications

Tags
178750, 3

Learning Outcome
Know the principles that address the physiological and biomechanical applications encountered when working with diverse populations.

Title
IEP

Tags
178753, 6

Learning Outcome
Learn how to provide consultation and staff development activities related to students with disabilities and their IEP.

Title
Instruction

Tags
178762, 0

Learning Outcome
*Identify, select, and implement appropriate instruction that is sensitive to the strength/weaknesses, multiple needs, learning style, and experiences of diverse learners.

Title
Assessment

Tags
178791, 4

Learning Outcome
Know how to assess and evaluate students with disabilities in order to make appropriate decisions about special services and program components.

Title
Learning Environment

Tags
178793, 2

Learning Outcome
*Create a learning environment which respects and incorporates learners’ personal, family, cultural, and community experiences

PETE 476R - Student Teaching - Physical Education

Course Information

Teaching Area (new)
PETE

Course Number
476R

Teaching Area
PETE

Course Title
Student Teaching - Physical Education

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval; requires a total GPA of 3.0; at least a C in PETE 377; FBI fingerprint and background clearance.

Learning Outcomes

Title
Employment Preparation

Tags
178873, 5

Learning Outcome
Students will demonstrate competence in professional job preparation skills as evidenced by their resume, employment portfolio, and mock interview performance.

Title
Mangagement and Instruction

Tags
178869, 0, 1

Learning Outcome
Student teachers will demonstrate competency in management and instruction as evidenced by their university supervisor and mentor teacher PAES evaluations.

Title
National Standards

Tags
178870, 0, 2

Learning Outcome
Student teachers will demonstrate an understanding of the National Standards as evidenced through their employment portfolio and the RTWS.

Title
Lesson Planning

Tags
178871, 0, 3

Learning Outcome
Student teachers will write developmentally appropriate lesson plans using the known characteristics of K-12 high students. Students will demonstrate competence as evidenced by completed lesson plans for university supervisor observations, employment portfolio, and the RTWS.

Title
Reflective Practice

Tags
178872, 0, 4

Learning Outcome
Student teachers will demonstrate reflective practice in making necessary adaptions for student learning as evidenced by their final video desired competency project, RTWS, and the university supervisor and mentor teacher PAES evaluations.

Title
Professionalism

Tags
178874, 0, 6

Learning Outcome
Student teachers will demonstrate attitudes and behaviors that exhibit professionalism as evidenced by their attendance at student teaching seminars, school PLC's and/or department collaboration meetings, and the university and mentor teacher PAES evaluations.

PETE 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
PETE

Course Number
477R

Teaching Area
PETE

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

Learning Outcomes

Title
Field Experience

Tags
208214, 0, 1

Learning Outcome
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, collaborating with other teachers, and demonstrating high levels of professionalism.

PETE 496R - Academic Internship - Physical Education

Course Information

Teaching Area (new)
PETE

Course Number
496R

Teaching Area
PETE

Course Title
Academic Internship - Physical Education

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Mangagement and Instruction

Tags
208220, 0, 1

Learning Outcome
Student teachers will demonstrate competency in management and instruction as evidenced by their university supervisor and mentor teacher PAES evaluations.

Title
National Standards

Tags
208221, 0, 2

Learning Outcome
Student teachers will demonstrate an understanding of the National Standards as evidenced through their employment portfolio and the RTWS.

Title
Lesson Planning

Tags
208222, 0, 3

Learning Outcome
Student teachers will write developmentally appropriate lesson plans using the known characteristics of K-12 high students. Students will demonstrate competence as evidenced by completed lesson plans for university supervisor observations, employment portfolio, and the RTWS.

Title
Reflective Practice

Tags
208223, 0, 4

Learning Outcome
Student teachers will demonstrate reflective practice in making necessary adaptions for student learning as evidenced by their final video desired competency project, RTWS, and the university supervisor and mentor teacher PAES evaluations.

Title
Employment Preparation

Tags
208224, 0, 5

Learning Outcome
Students will demonstrate competence in professional job preparation skills as evidenced by their resume, employment portfolio, and mock interview performance.

Title
Professionalism

Tags
208225, 0, 6

Learning Outcome
Student teachers will demonstrate attitudes and behaviors that exhibit professionalism as evidenced by their attendance at student teaching seminars, school PLC's and/or department collaboration meetings, and the university and mentor teacher PAES evaluations.

PHIL 120 - History of Philosophy - Ancient and Medieval

Course Information

Course Number
120

Teaching Area
PHIL

Course Title
History of Philosophy - Ancient and Medieval

Course Description
The history of philosophy from Greek antiquity to the Renaissance; exploring the nature of reality, knowledge, and human flourishing through the perspective of key figures, movements, and texts.

Department
Philosophy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History and Value of Philosophy

Learning Outcome
Students will be able to identify major philosophical figures, texts, topics, and movements from antiquity through the early Renaissance, and develop a basic understanding of their historical context, their philosophical interrelations, and their importance.

Title
Critical and Effective Reading, Writing, and Oral Communication

Learning Outcome
Students will be able to read and think critically about philosophical texts, write clear, logically sound, and well-researched essays, and effectively discuss and present philosophical topics.

Title
Philosophical and Ethical Applications

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

PHIL 110 - Introduction to Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
110

Teaching Area
PHIL

Course Title
Introduction to Philosophy

Course Description
Articulating, assessing, and defending fundamental positions on topics such as reason, knowledge, science, education, ethics, politics, and religion.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Figures and Topics

Tags
198453, 1

Learning Outcome

Become acquainted with important figures, topics, and issues in the history of philosophy.

Title
Application

Tags
198553, 5

Learning Outcome

Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

Title
Writing and Rhetoric

Tags
198557, 3

Learning Outcome

Write a clear and cogent philosophical essay.

Title
Basic Critical Reasoning, Reading and Writing

Tags
198590, 0, 2

Learning Outcome

Learn to read and discuss philosophical texts; learn basic logic skills used in critical reasoning and be able to identify invalid, unsound, and fallacious arguments.

PHIL 140 - History of Philosophy, 1600 to present

Course Information

Course Number
140

Teaching Area
PHIL

Course Title
History of Philosophy, 1600 to present

Course Description
The history of philosophy from the early modern period to the present; exploring the nature of reality, knowledge, and human flourishing through the perspective of key figures, movements, and texts.

Department
Philosophy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History and Value of Philsosophy

Learning Outcome
Students will be able to identify major philosophical figures, texts, topics, and movements from the Renaissance or Reformation through the present, and develop a basic understanding of their historical context, their philosophical interrelations, and their importance.

Title
Critical and Effective Reading, Writing, and Oral Communication

Learning Outcome
Students will be able to read and think critically about philosophical texts, write clear, logically sound, and well-researched essays, and effectively discuss and present philosophical topics.

Title
Philosophical and Ethical Applications

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

PHIL 150 - Reasoning and Writing

Course Information

Teaching Area (new)
PHIL

Course Number
150

Teaching Area
PHIL

Course Title
Reasoning and Writing

Course Description
Informal grammar, logic, and rhetoric as tools for reading and writing. Library research.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Recommended for philosophy majors and minors

Note
No course challenges accepted.

Learning Outcomes

Title
Writing and Rhetoric

Tags
198586, 0

Learning Outcome
Write clearly on a well-defined topic using correct grammar and conventions appropriate to philosophy, and employing a voice, tone, and diction suited to one's intended audience.

Title
Critical Reasoning

Tags
198587, 3

Learning Outcome
Learn basic logic skills used in critical reasoning and be able to identify invalid, unsound, and fallacious arguments

Title
Basic Writing

Tags
198588, 1

Learning Outcome
Cultivate basic reading and writing skills including summarizing, paraphrasing, prewriting, drafting, revising, editing, and proofreading

Title
Basic Research

Tags
198589, 2

Learning Outcome
Use appropriate research tools including library and internet resources, and apply them to the writing of a cogent philosophical essay

PHIL 200 - Philosophy Major Orientation

Course Information

Teaching Area (new)
PHIL

Course Number
200

Teaching Area
PHIL

Course Title
Philosophy Major Orientation

Course Description
Overview of philosophy as a discipline; review of philosophy major requirements and course sequence; complete introduction to philosophy research methods.

Department
Philosophy

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

PHIL 201 - History of Philosophy 1

Course Information

Teaching Area (new)
PHIL

Course Number
201

Teaching Area
PHIL

Course Title
History of Philosophy 1

Course Description
Western civilization from Greek antiquity to Renaissance, primarily from perspective of philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Philosophy

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes.

Learning Outcomes

Title
History and Value of Philosophy

Tags
198926, 4

Learning Outcome
Students will be able to identify major philosophical figures, texts, topics, and movements from antiquity through the early Renaissance, and develop a basic understanding of their historical context, their philosophical interrelations, and their importance.

Title
Critical and Effective Reading, Writing, and Oral Communication

Tags
198927, 5

Learning Outcome
Students will be able to read and think critically about philosophical texts, write clear, logically sound, and well-researched essays, and effectively discuss and present philosophical topics.

Title
Philosophical and Ethical Applications

Tags
198928, 6

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

PHIL 202 - History of Philosophy 2

Course Information

Teaching Area (new)
PHIL

Course Number
202

Teaching Area
PHIL

Course Title
History of Philosophy 2

Course Description
Western civilization from Renaissance to present, primarily from perspective of philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Figures and Topics

Tags
184579, 2

Learning Outcome
Acquire a basic understanding of the most important philosophical figures, texts, and issues from early modern to contemporary philosophy.

Title
Writing

Tags
198570, 3

Learning Outcome
Write a cogent philosophical essay.

Title
History

Tags
198591, 1

Learning Outcome
Know milestones of Western history and culture from the Renaissance or Reformation through the present

PHIL 205 - Introduction to Logic and Critical Thinking

Course Information

Teaching Area (new)
PHIL

Course Number
205

Teaching Area
PHIL

Course Title
Introduction to Logic and Critical Thinking

Course Description
Analyzing and constructing both deductive and non-deductive arguments; formal methods for evaluating deductive arguments; practical applications of critical thinking, including recognizing biases and avoiding fallacies.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Vocabulary and Concepts

Tags
198936, 1

Learning Outcome
Students will know the basic vocabulary and concepts of formal and informal logic.

Title
Translation

Tags
198937, 3

Learning Outcome
Students will be able to translate ordinary language into logical symbolism.

Title
Appraise Validity

Tags
198938, 2

Learning Outcome
Students will be able to appraise validity by refuting invalid arguments and by constructing formal proofs for valid ones.

PHIL 210 - Science and Civilization 1

Course Information

Teaching Area (new)
PHIL

Course Number
210

Teaching Area
PHIL

Course Title
Science and Civilization 1

Course Description
History of Civilization from Greek antiquity up to 1500; concepts and methods in early science and their philosophical significance; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History

Tags
198421, 1

Learning Outcome
Know about the development of scientific ideas and practices in their cultural context, including the major figures and methods of science from antiquity to 1500.

Title
Critical Reading and Writing

Tags
198422, 2

Learning Outcome
Read, analyze, and critically summarize a book-length study of science.

Title
Application

Tags
198423, 3

Learning Outcome
Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

PHIL 211 - Science and Civilization 2

Course Information

Teaching Area (new)
PHIL

Course Number
211

Teaching Area
PHIL

Course Title
Science and Civilization 2

Course Description
History of Civilization from 1500 to present; concepts and methods in modern science and their philosophical significance; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Philosophy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History

Tags
198424, 1

Learning Outcome
Know about the development of scientific ideas and practices in their cultural context, including the major figures and methods of science from 1500 to the present.

Title
Critical Reading and Writing

Tags
198425, 3

Learning Outcome
Read, analyze, and critically summarize a book-length study of science.

Title
Application

Tags
198426, 2

Learning Outcome
Learn to integrate philosophical skills and practices with religious convictions, while cultivating a respect for contrary points of view.

PHIL 212 - Introduction to Medical Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
212

Teaching Area
PHIL

Course Title
Introduction to Medical Ethics

Course Description
Exploration of key questions in medical ethics. Equips students to understand, evaluate, and effectively respond to arguments that seek to answer these questions as they formulate their own conclusions.\n

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Key Questions in Medical Ethics

Learning Outcome
Students will analyze key questions in medical ethics and evaluate potential answers by employing traditional philosophical skills and concepts from the major moral theories.

Title
Oral and Written Communication

Learning Outcome
Students will construct clear, well-reasoned arguments and effectively communicate their positions orally and in writing.

Title
Peacemaking and Principle of Charity

Learning Outcome
Students will engage with opposing perspectives, evincing the principle of charity in both written and oral discussion as they represent the best version of arguments with which they disagree.

Title
The Church of Jesus Christ of Latter-day Saints

Learning Outcome
Students will articulate positions of the Church of Jesus Christ of Latter-day Saints on important questions in medical ethics and explain arguments that support those positions.

PHIL 213 - Introduction to Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
213

Teaching Area
PHIL

Course Title
Introduction to Ethics

Course Description
Nature and justification of moral standards, beliefs, and decisions.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basics of Moral Philosophy

Tags
198939, 1

Learning Outcome
Students will know the basic concepts, figures, texts, and normative theories of moral philosophy.

Title
Apply Normative Theories

Tags
198940, 2

Learning Outcome
Students will be able to apply normative theories to ethical problems, questions, and situations.

Title
Integrate Moral Philosophy with Religious Convictions

Tags
198941, 3

Learning Outcome
Students will be able to integrate philosophical skills and practices with religious convictions, while respecting contrary points of view.

Title
Oral and Writing Practice

Tags
198942, 4

Learning Outcome
Students will be able to perform ethical analysis and argument orally and in writing.

PHIL 214 - Introduction to the Philosophy of Art

Course Information

Teaching Area (new)
PHIL

Course Number
214

Teaching Area
PHIL

Course Title
Introduction to the Philosophy of Art

Course Description
The experience of beauty in nature, in literature, and in the arts.

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Figures and Topics

Tags
198427, 1

Learning Outcome
Know basic concepts, theories, figures, texts, and issues in Western philosophy of art and beauty.

Title
Application

Tags
198428, 2

Learning Outcome
Learn how to use the philosophy of art and theories of taste to appreciate and critique individual works of art.

Title
Critical Reading and Writing

Tags
198593, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of art and beauty.

PHIL 215R - Sin and Atonement

Course Information

Course Number
215R

Teaching Area
PHIL

Course Title
Sin and Atonement

Course Description
The nature of sin and theories of the Atonement.

Department
Philosophy

When Taught
Fall, Winter, and Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
History

Learning Outcome
Know important historical theories of the nature of sin and atonement.

Title
Figures and Topics

Learning Outcome
Know key scriptural texts that discuss sin and atonement and evaluate philosophical arguments concerning them.

Title
Critical Reading and Writing

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of religion.

PHIL 215R - Faith and Reason

Course Information

Course Number
215R

Teaching Area
PHIL

Course Title
Faith and Reason

Course Description
The relationship of faith and reason.

Department
Philosophy

When Taught
Fall, Winter, and Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History

Learning Outcome
Know important historical positions on the relationship of faith and reason.

Title
Figures and Topics

Learning Outcome
Examine the role of reason and evidence in religious belief.

Title
Critical Reading and Writing

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of religion.

PHIL 215R - Introduction to the Philosophy of Religion

Course Information

Teaching Area (new)
PHIL

Course Number
215R

Teaching Area
PHIL

Course Title
Introduction to the Philosophy of Religion

Course Description
Existence and nature of God, God's foreknowledge and man's free will, faith, immortality, and religious experience and language.

Department
Philosophy

When Taught
Fall; Winter; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
History

Tags
198429, 1

Learning Outcome
Know central problems in philosophy of religion, and traditional responses to those problems; know central figures and texts in philosophy of religion.

Title
Figures and Topics

Tags
198430, 2

Learning Outcome
Know and evaluate major arguments for God's existence, and learn how to examine the role of reason and evidence in religious belief.

Title
Critical Reading and Writing

Tags
198592, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on the philosophy of religion.

PHIL 217R - Modern Political Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Modern Political Philosophy

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198599, 1

Learning Outcome
Know basic concepts, figures, texts, and issues of Modern political philosophy

Title
Application

Tags
198600, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Critical Reading and Writing

Tags
198601, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on Modern political philosophy.

PHIL 217R - Classical and Medieval Political Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Classical and Medieval Political Philosophy

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198604, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Figures and Topics

Tags
198605, 1

Learning Outcome
Know basic concepts, figures, texts, and issues of Classical and Medieval political philosophy.

Title
Critical Reading and Writing

Tags
198606, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Classical or Medieval political philosophy.

PHIL 217R - Social Contract Theory

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Social Contract Theory

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198609, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Figures and Topics

Tags
198613, 1

Learning Outcome
Know basic concepts, figures, texts, and issues of Social Contract Theory.

Title
Critical Reading and Writing

Tags
198617, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Social Contract Theory.

PHIL 217R - Contemporary Political Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Contemporary Political Philosophy

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198603, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Figures and Topics

Tags
198610, 1

Learning Outcome
Know basic concepts, figures, texts, and issues of Contemporary political philosophy.

Title
Critical Reading and Writing

Tags
198614, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Contemporary political philosophy.

PHIL 217R - John Rawls

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
John Rawls

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198602, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

Title
Figures and Topics

Tags
198611, 1

Learning Outcome
Know basic concepts, texts, and issues of Rawls' political philosophy.

Title
Critical Reading and Writing

Tags
198615, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Rawls' political philosophy.

PHIL 217R - Social and Political Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
217R

Teaching Area
PHIL

Course Title
Social and Political Philosophy

Course Description
Examine selected topics, periods, and figures in social and political philosophy with an aim to understand and apply theories to particular problems and questions.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202

Learning Outcomes

Title
Critical reading and writing

Tags
198431, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a clear and cogent essay on social and political philosophy.

Title
Figures and Topics

Tags
198558, 1

Learning Outcome
Know basic concepts, theories, figures, texts, and issues in social and political philosophy.

Title
Application

Tags
198608, 2

Learning Outcome
Learn how to apply philosophical skills and practices in discussing and critiquing political issues.

PHIL 220 - Introduction to Theoretical Philosophy

Course Information

Course Number
220

Teaching Area
PHIL

Course Title
Introduction to Theoretical Philosophy

Course Description
Meaning, reality, knowledge, and the mind.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basics of Theoretical Philosophy

Learning Outcome
Explain key concepts and distinctions in metaphysics, epistemology, the philosophy of language and the philosophy of mind.

Title
Critical Reading and Writing

Learning Outcome
Defend a philosophical position orally and in writing.

PHIL 249R - Philosophical Lecture Series

Course Information

Teaching Area (new)
PHIL

Course Number
249R

Teaching Area
PHIL

Course Title
Philosophical Lecture Series

Course Description
Lectures on philosophical topics by faculty and advanced students.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

PHIL 300 - Philosophical Writing

Course Information

Teaching Area (new)
PHIL

Course Number
300

Teaching Area
PHIL

Course Title
Philosophical Writing

Course Description
Writing philosophical papers about philosophical texts or problems. Research methods in philosophy. Library research paper.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  AND PHIL 202 - History of Philosophy 2
  AND PHIL 205 - Introduction to Logic and Critical Thinking

OR

Prerequisites

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  AND PHIL 140 - History of Philosophy, 1600 to present
  AND PHIL 205 - Introduction to Logic and Critical Thinking

OR

Prerequisites

Complete ALL of the following Courses:

- PHIL 120 - History of Philosophy - Ancient and Medieval
  AND PHIL 202 - History of Philosophy 2
  AND PHIL 205 - Introduction to Logic and Critical Thinking

OR

Prerequisites

Complete ALL of the following Courses:

- PHIL 120 - History of Philosophy - Ancient and Medieval
  AND PHIL 140 - History of Philosophy, 1600 to present
  AND PHIL 205 - Introduction to Logic and Critical Thinking

Note

Fulfills GE Advanced Written and Oral Communications requirement. No course challenges accepted.

Learning Outcomes

Title
Critical Reading and Writing

Tags
198432, 2

Learning Outcome
Cultivate advanced critical reading and writing skills used in summarizing, paraphrasing, formulating, analyzing and evaluating philosophical arguments, and in prewriting, drafting, revising, critiquing, editing, and proofreading philosophical essays.

Title
Research

Tags
198562, 3

Learning Outcome
Use scholarly research tools (including library and internet resources) in writing expository, persuasive, and philosophical essays; effectively use and cite researched material.

Title
Writing and Rhetoric

Tags
198563, 1

Learning Outcome
Learn advanced strategies of writing clearly on a well-defined topic using correct grammar, accepted usage, stylistic conventions appropriate to philosophy, and a voice, tone, and level of formality suited to one's intended audience.

PHIL 305 - Intermediate Formal Logic

Course Information

Teaching Area (new)
PHIL

Course Number
305

Teaching Area
PHIL

Course Title
Intermediate Formal Logic

Course Description
History and use of first-order logic and second-order logic; natural-deduction and axiomatic proofs; modal logic; set theory and foundations of mathematics.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHIL 205 - Introduction to Logic and Critical Thinking

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 290 - Fundamentals of Mathematics

Note
Fulfills GE Languages of Learning requirement. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Logic

Tags
198433, 4

Learning Outcome
Learn to construct proofs within axiom systems in such areas as identity, set theory, arithmetic, and modal logic.

Title
History

Tags
198434, 5

Learning Outcome
Understand key historical developments such as Cantor's theory of transfinite numbers, Frege's attempt to reduce arithmetic to logic, the logical paradoxes, and Gödel's theorems.

Title
Logic

Tags
198564, 2

Learning Outcome
Learn first order logic including the correct use of symbols and the construction of proofs.

PHIL 313R - History of Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
313R

Teaching Area
PHIL

Course Title
History of Ethics

Course Description
Designed to survey the history of ethics or to examine multiple periods and figures in the history of philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202, 213, 300, and 300 or equivalent

Learning Outcomes

Title
History

Tags
198565, 1

Learning Outcome
Understand a movement or constellation of related figures, texts, or problems in the history of philosophical ethics

Title
Critical Reading and Writing

Tags
198925, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on ethics

PHIL 313R - Utilitarianism

Course Information

Teaching Area (new)
PHIL

Course Number
313R

Teaching Area
PHIL

Course Title
Utilitarianism

Course Description
Designed to survey the history of ethics or to examine multiple periods and figures in the history of philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phil 150 or equivalent.

Recommended
Phil 201, 202, 213, 300, and 300 or equivalent

Learning Outcomes

Title
History

Tags
198774, 1

Learning Outcome
Understand a movement or constellation of related figures, texts, or problems in the history of philosophical ethics

Title
Critical Rreading and Writing

Tags
198775, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on ethics

PHIL 320R - Pre-Socratics

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Pre-Socratics

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198649, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198650, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

PHIL 320R - Socrates

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Socrates

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198651, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198652, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

PHIL 320R - Plato

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Plato

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198435, 4

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy.

Title
Critical Reading and Writing

Tags
198436, 8

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a complex, nuanced, and well-referenced research paper on ancient philosophy.

PHIL 320R - Hellenistic Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Hellenistic Philosophy

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended

Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198641, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198642, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

PHIL 320R - Studies in Ancient Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Studies in Ancient Philosophy

Course Description
Selected figures or topics.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198655, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198656, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

PHIL 320R - Aristotle

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Aristotle

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198594, 1

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

Title
Critical Reading and Writing

Tags
198595, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

PHIL 320R - Neo-Platonism

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Neo-Platonism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198645, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198646, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy

PHIL 320R - Stoicism

Course Information

Teaching Area (new)
PHIL

Course Number
320R

Teaching Area
PHIL

Course Title
Stoicism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198653, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on ancient philosophy.

Title
Figures and Topics

Tags
198654, 2

Learning Outcome
Understand a major figure, text, or problem in ancient philosophy.

PHIL 330R - Medieval Arabic Philosophers

Course Information

Teaching Area (new)
PHIL

Course Number
330R

Teaching Area
PHIL

Course Title
Medieval Arabic Philosophers

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Major Figures of the Middle Ages

Tags
198544, 3

Learning Outcome
Demonstrate an understanding of major figures of the Middle Ages

Title
Philosophical Problems of the Middle Ages

Tags
198549, 4

Learning Outcome
Demonstrate an understanding of major philosophical problems of the Middle Ages.

Title
Critical Reading, Analysis, and Writing

Tags
198551, 5

Learning Outcome
Demonstrate an ability to read critically and analyze figures and problems in a research paper.

PHIL 330R - Medieval Philosophy and Religion

Course Information

Teaching Area (new)
PHIL

Course Number
330R

Teaching Area
PHIL

Course Title
Medieval Philosophy and Religion

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
History and Value of Philosophy

Tags
198933, 1

Learning Outcome
Students will bew able to identify major philosophical figures, texts, topics, and movements, and understand their historical context, their philosophical interrelations, and their importance.

Title
Critical and Effective Reading, Writing, and Oral Communication

Tags
198934, 2

Learning Outcome
Students will be able to read and think critically about philosophical texts; write clear, logically sound, and well-researched essays; and effectively discuss and present philosophical topics.

Title
Philosophical and Ethical Applications

Tags
198935, 3

Learning Outcome
Students will be able to use philosophical knowledge and skills to solve theoretical, practical, and ethical problems and to integrate philosophical principles with religious and moral convictions.

PHIL 330R - Augustine

Course Information

Teaching Area (new)
PHIL

Course Number
330R

Teaching Area
PHIL

Course Title
Augustine

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
History and Value of Philosophy

Tags
198929, 1

Learning Outcome
Develop a sound understanding of St. Augustine's philosophy and explore one way this philosopher influences late medieval and Renaissance thought.

Title
Critical and Effective Reading, Writing, and Communication

Tags
198930, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on some aspect of Augustine's philosophy.

PHIL 330R - Studies in Medieval Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
330R

Teaching Area
PHIL

Course Title
Studies in Medieval Philosophy

Course Description
Selected figures or topics.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198687, 1

Learning Outcome
Understand a major figure, text, or problem in Medieval philosophy

Title
Critical Reading and Writing

Tags
198688, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Medieval philosophy.

PHIL 330R - Aquinas

Course Information

Teaching Area (new)
PHIL

Course Number
330R

Teaching Area
PHIL

Course Title
Aquinas

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 201 - History of Philosophy 1
  OR PHIL 120 - History of Philosophy - Ancient and Medieval

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198659, 1

Learning Outcome
Understand a major figure, text, or problem in Medieval philosophy

Title
Critical Reading and Writing

Tags
198660, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Medieval philosophy.

PHIL 340R - Modern Political Theory

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Modern Political Theory

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198731, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198732, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Nietzsche

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Nietzsche

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198733, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198734, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Hume

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Hume

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198719, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198720, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Hegel

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Hegel

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198715, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198716, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Continental Rationalism

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Continental Rationalism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198705, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198706, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - German Idealism

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
German Idealism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198713, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198714, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Descartes

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Descartes

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198707, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198708, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - J. S. Mill

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
J. S. Mill

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198721, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198722, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Locke

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Locke

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198729, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198730, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - British Empiricism

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
British Empiricism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198701, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198702, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Kant

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Kant

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198723, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198724, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Leibniz

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Leibniz

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198727, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198728, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Kierkegaard

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Kierkegaard

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended

Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198725, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198726, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 340R - Studies in Modern Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
340R

Teaching Area
PHIL

Course Title
Studies in Modern Philosophy

Course Description
Selected figures or topics.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198745, 1

Learning Outcome
Understand a major figure, text, or problem in Modern philosophy

Title
Critical Reading and Writing

Tags
198746, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Modern philosophy.

PHIL 350R - Studies in Contemporary Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Studies in Contemporary Philosophy

Course Description
Selected figures or topics.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198900, 1

Learning Outcome
Understand a major figure, text, or problem in the studies in contemporary philosophy.

Title
Critical Reading and Writing

Tags
198901, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the studies in contemporary philosophy.

PHIL 350R - Levinas

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Levinas

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198858, 1

Learning Outcome
Understand a major figure, text, or problem in Levinas philosophy.

Title
Critical Reading and Writing

Tags
198859, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Levinas philosophy.

PHIL 350R - Hannah Arendt

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Hannah Arendt

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
0

Fixed/Max:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198779, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Hannah Arendt.

Title
Figures and Topics

Tags
198785, 1

Learning Outcome
Understand a major figure, text, or problem in Hannah Arendt philosophy.

PHIL 350R - Derrida

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Derrida

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198802, 1

Learning Outcome
Understand a major figure, text, or problem in Derrida philosophy.

Title
Critical Reading and Writing

Tags
198803, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Derrida philosophy.

PHIL 350R - Existentialism

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Existentialism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198846, 1

Learning Outcome
Understand a major figure, text, or problem in existentialism.

Title
Critical Reading and Writing

Tags
198847, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on existentialism.

PHIL 350R - Pragmatism

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Pragmatism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
0

Fixed/Max:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198789, 1

Learning Outcome
Understand a major figure, text, or problem in philosophy.

Title
Critical Reading and Writing

Tags
198790, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on pragmatism.

PHIL 350R - Phenomenology

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Phenomenology

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198874, 1

Learning Outcome
Understand a major figure, text, or problem in phenomenology.

Title
Critical Reading and Writing

Tags
198875, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on phenomenology.

PHIL 350R - Husserl

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Husserl

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198856, 1

Learning Outcome
Understand a major figure, text, or problem in Husserl philosophy.

Title
Critical Reading and Writing

Tags
198857, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Husserl philosophy.

PHIL 350R - Philosophy of Logic

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Philosophy of Logic

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended

Phil 300 or equivalent

Learning Outcomes

Title
Phil 350R (Heidegger's Being and Time)

Tags
198554, 1

Learning Outcome
1. Identify some basic principles and strategies of early German phenomenlogy2. Identify principle theses and arguments of Heidegger's "Being and Time"3. Improve ability to read, summarize, analyze, speak and write about philosophical texts and issues

Title
Figures and Topics

Tags
198888, 2

Learning Outcome
Understand a major figure, text, or problem in philosophy of logic.

Title
Critical Reading and Writing

Tags
198889, 3

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of logic.

PHIL 350R - Hermeneutics

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Hermeneutics

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended

Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198854, 1

Learning Outcome
Understand a major figure, text, or problem in hermeneutics.

Title
Critical Reading and Writing

Tags
198855, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on hermeneutics.

PHIL 350R - Heidegger

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Heidegger

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198852, 1

Learning Outcome
Understand a major figure, text, or problem in Heidegger philosophy.

Title
Critical Reading and Writing

Tags
198853, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Heidegger philosophy.

PHIL 350R - Gadamer

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Gadamer

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198850, 1

Learning Outcome
Understand a major figure, text, or problem in Gadamer philosophy.

Title
Critical Reading and Writing

Tags
198851, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Gadamer philosophy.

PHIL 350R - Philosophy of Social Science

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Philosophy of Social Science

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198890, 1

Learning Outcome
Understand a major figure, text, or problem in the philosophy of social science.

Title
Critical Reading and Writing

Tags
198891, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of social science.

PHIL 350R - Sartre

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Sartre

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198898, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Sartre philosophy.

Title
Figures and Topics

Tags
198899, 2

Learning Outcome
Understand a major figure, text, or problem in Sartre philosophy.

PHIL 350R - Russell

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Russell

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198896, 1

Learning Outcome
Understand a major figure, text, or problem in Russell philosophy.

Title
Critical Reading and Writing

Tags
198897, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Russell philosophy.

PHIL 350R - Wittgenstein

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Wittgenstein

Department
Philosophy

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198908, 1

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Wittgenstein philosophy.

Title
Figures and Topics

Tags
198909, 2

Learning Outcome
Understand a major figure, text, or problem in Wittgenstein philosophy.

PHIL 350R - Merleau-Ponty

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Merleau-Ponty

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended

Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198866, 0, 1

Learning Outcome
Understand issues in a major text by Maurice Merleau-Ponty.

Title
Critical Reading and Writing

Tags
198867, 0, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on the philosophy of Merleau-Ponty

PHIL 350R - Contemporary Political Theory

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Contemporary Political Theory

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198798, 1

Learning Outcome
Understand a major figure, text, or problem in contemporary political theory.

Title
Critical Reading and Writing

Tags
198799, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on contemporary political theory.

PHIL 350R - Peirce

Course Information

Teaching Area (new)
PHIL

Course Number
350R

Teaching Area
PHIL

Course Title
Peirce

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
0

Fixed/Max:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 202 - History of Philosophy 2
  OR PHIL 140 - History of Philosophy, 1600 to present

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198781, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Peirce.

Title
Figures and Topics

Tags
198788, 1

Learning Outcome
Understand a major figure, text, or problem in Peirce philosophy.

PHIL 360R - Non-Western Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
360R

Teaching Area
PHIL

Course Title
Non-Western Philosophy

Course Description
Study selected figures, texts, and problems in the history of non-Western philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198597, 1

Learning Outcome
Understand a major figure, text, or problem in Chinese philosophy.

Title
Critical Reading and Writing

Tags
198805, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Chinese philosophy.

PHIL 360R - Non-Western Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
360R

Teaching Area
PHIL

Course Title
Non-Western Philosophy

Course Description
Study selected figures, texts, and problems in the history of non-Western philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198560, 1

Learning Outcome

Understand a major belief system, figure, text or problem in non-Western philosophy

Title
Critical Reading and Writing

Tags
198598, 2

Learning Outcome

Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched essay on non-Western philosophy.

PHIL 360R - Hindu Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
360R

Teaching Area
PHIL

Course Title
Hindu Philosophy

Course Description
Study selected figures, texts, and problems in the history of non-Western philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198807, 1

Learning Outcome
Understand a major figure, text, or problem in Hindu philosophy.

Title
Critical Reading and Writing

Tags
198808, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Hindu philosophy.

PHIL 360R - Buddhism

Course Information

Teaching Area (new)
PHIL

Course Number
360R

Teaching Area
PHIL

Course Title
Buddhism

Course Description
Study selected figures, texts, and problems in the history of non-Western philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
Figures and Topics

Tags
198804, 1

Learning Outcome
Understand a major figure, text, or problem in Buddhism.

Title
Critical Reading and Writing

Tags
198806, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-researched paper on Buddhism.

PHIL 370R - Women and Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
370R

Teaching Area
PHIL

Course Title
Women and Philosophy

Course Description
Women philosophers and important women in the history of philosophy and/or feminist or gender-based philosophical inquiry in contemporary philosophy (e.g., feminist epistemology). Topics vary.

Department
Philosophy

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

PHIL 399R - Philosophy Program Internship

Course Information

Teaching Area (new)
PHIL

Course Number
399R

Teaching Area
PHIL

Course Title
Philosophy Program Internship

Course Description
Credit for career-oriented or job-related internship work. Internships can be in any field for which the student qualifies.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Learning Outcomes

Title
Internship Experience

Tags
198584, 1

Learning Outcome
Complete a university-approved internship in any job or field likely to enhance job prospects or graduate/professional school performance

Title
Writing

Tags
198585, 2

Learning Outcome
Submit a written report on the internship experience

PHIL 405 - Advanced Logic and Metalogic

Course Information

Teaching Area (new)
PHIL

Course Number
405

Teaching Area
PHIL

Course Title
Advanced Logic and Metalogic

Course Description
Completeness, soundness, and undecidability of first-order logic; incompleteness of arithmetic; treatment of related philosophical topics and of nonclassical topics as time permits.

Department
Philosophy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 305 - Intermediate Formal Logic

Recommended
Phil 300 or equivalent

Learning Outcomes

Title
History

Tags
198441, 1

Learning Outcome
Prove and understand the completeness and consistency of first-order logic as well as the Solem-Löwenheim theorem, Gödel incompleteness, Church's undecidability theorem, etc.

Title
Figures and Topics

Tags
198442, 2

Learning Outcome
Formulate and evaluate the philosophical ramifications of these theorems.

PHIL 413R - Medical Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Medical Ethics

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Critical Reading and Writing

Tags
198830, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of medical ethics.

Title
Figures and Topics

Tags
198831, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of medical ethics.

PHIL 413R - The Good Life

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
The Good Life

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198840, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of the good life.

Title
Critical Reading and Writing

Tags
198841, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of the good life.

PHIL 413R - Objectivity, Subjectivity, and Relativism

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Objectivity, Subjectivity, and Relativism

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198836, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of objectivity, subjectivity and relativity.

Title
Critical Reading and Writing

Tags
198837, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of objectivity, subjectivity, and relativity.

PHIL 413R - Moral Psychology

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Moral Psychology

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198834, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of moral psychology.

Title
Critical Reading and Writing

Tags
198835, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of moral psychology.

PHIL 413R - Environmental Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Environmental Ethics

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198820, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of environmental ethics.

Title
Critical Reading and Writing

Tags
198821, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of environmental ethics.

PHIL 413R - Virtue Theory

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Virtue Theory

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198844, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in virtue theory.

Title
Critical Reading and Writing

Tags
198845, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on virtue theory.

PHIL 413R - Topics in Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Topics in Ethics

Course Description
Select topics, figures, problems, and theories in ethics. Topics include meta-ethics, deontology, consequentialism, virtue theory, applied ethics, ethical argumentation.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198842, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the topics in ethics.

Title
Critical Reading and Writing

Tags
198843, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the topics in ethics.

PHIL 413R - Skepticism

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Skepticism

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198838, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of skepticism.

Title
Critical Reading and Writing

Tags
198839, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of skepticism.

PHIL 413R - Applied Ethics

Course Information

Teaching Area (new)
PHIL

Course Number
413R

Teaching Area
PHIL

Course Title
Applied Ethics

Department
Philosophy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202, 213

Learning Outcomes

Title
Figures and Topics

Tags
198812, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of applied ethics.

Title
Critical Reading and Writing

Tags
198813, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of applied ethics.

PHIL 414R - Philosophy of Architecture

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Philosophy of Architecture

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198765, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198766, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198767, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Philosophy of Art

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Philosophy of Art

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198566, 6

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

Title
Critical Reading and Writing

Tags
198569, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Figures and Topics

Tags
198576, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

PHIL 414R - Philosophy of Music

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Philosophy of Music

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198768, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198769, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198770, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Film Criticism and Theory

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Film Criticism and Theory

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198759, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198760, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198761, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Topics in the Advanced Philosophy of Art, Architecture, Music, and Film

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Topics in the Advanced Philosophy of Art, Architecture, Music, and Film

Course Description
Topics and figures in the philosophy of art, architecture, music, and film.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198753, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198754, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198755, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Philosophy of Theater

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Philosophy of Theater

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198771, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198772, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198773, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Philosophy and Literature

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Philosophy and Literature

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198762, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198763, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198764, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 414R - Contemporary Art Theory

Course Information

Teaching Area (new)
PHIL

Course Number
414R

Teaching Area
PHIL

Course Title
Contemporary Art Theory

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198809, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures and texts in the philosophy of art, architecture, literature, theater, music or film.

Title
Critical Reading and Writing

Tags
198810, 2

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of art, architecture, literature, theater, music or film.

Title
Application

Tags
198811, 3

Learning Outcome
Be able to explain the practice and value of (as appropriate) art, film, music, or literary criticism and theory

PHIL 415 - Philosophy of Religion

Course Information

Teaching Area (new)
PHIL

Course Number
415

Teaching Area
PHIL

Course Title
Philosophy of Religion

Course Description
Selected figures or problems.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198443, 8

Learning Outcome
Be able to explain the practice and value of philosophy of religion.

Title
Critical Reading and Writing

Tags
198568, 6

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of religion.

Title
Figures and Topics

Tags
198575, 1

Learning Outcome
Understand at an advanced level selected concepts, theories, figures, and texts in the philosophy of religion

PHIL 416 - Philosophy of Law

Course Information

Teaching Area (new)
PHIL

Course Number
416

Teaching Area
PHIL

Course Title
Philosophy of Law

Course Description
The relation between natural and enacted law; theories of punishment; utilitarian and nonutilitarian theories of law; liberty.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198444, 8

Learning Outcome
Be able to explain the practice and value of philosophy of law.

Title
Critical Reading and Writing

Tags
198567, 6

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of law.

Title
Figures and Topics

Tags
198574, 2

Learning Outcome
Know major concepts, theories, figures, and texts in the philosophy of law.

PHIL 420 - Philosophy of Language

Course Information

Teaching Area (new)
PHIL

Course Number
420

Teaching Area
PHIL

Course Title
Philosophy of Language

Course Description
Meaning and reference, synonymy, metaphor, exemplification, translation; linguistic, artistic, and perceptual symbol systems.

Department
Philosophy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Figures and Topics

Tags
198445, 2

Learning Outcome
Know major concepts, theories, figures, texts, and issues in the philosophy of language.

Title
Application

Tags
198446, 8

Learning Outcome
Be able to explain the practice and value of philosophy of language.

Title
Critical Reading and Writing

Tags
198571, 6

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on the philosophy of language.

PHIL 421 - Metaphysics

Course Information

Teaching Area (new)
PHIL

Course Number
421

Teaching Area
PHIL

Course Title
Metaphysics

Course Description
Basic categories of being: appearance and reality, law, causality, space, time, eternity, deity.

Department
Philosophy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Learning Outcomes

Title
Application

Tags
198447, 8

Learning Outcome
Be able to explain the practice and value of metaphysics.

Title
Critical Reading and Writing

Tags
198572, 6

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on metaphysics.

Title
Figures and Topics

Tags
198578, 1

Learning Outcome
Know major concepts, theories, figures, and texts in metaphysics

PHIL 422 - Epistemology

Course Information

Teaching Area (new)
PHIL

Course Number
422

Teaching Area
PHIL

Course Title
Epistemology

Course Description
Meaning, limits, and justification of knowledge.

Department
Philosophy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Learning Outcomes

Title
Application

Tags
198448, 10

Learning Outcome
Be able to explain the practice and value of epistemology.

Title
Critical Reading and Writing

Tags
198573, 8

Learning Outcome
Practice philosophical analysis and argumentation orally and in writing; write a cogent and well-referenced research paper on epistemology.

Title
Figures and Topics

Tags
198577, 4

Learning Outcome
Know major concepts, theories, figures, and texts in epistemology.

PHIL 423R - History of Medicine

Course Information

Teaching Area (new)
PHIL

Course Number
423R

Teaching Area
PHIL

Course Title
History of Medicine

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phy S 100 or instructor's consent; Phil 300.

Recommended
Phil 201, 202

PHIL 423R - History and Philosophy of Science

Course Information

Teaching Area (new)
PHIL

Course Number
423R

Teaching Area
PHIL

Course Title
History and Philosophy of Science

Course Description
Scientific explanation, concepts, and models. Philosophical assumptions and criteria for theory selection, as exemplified by historical development of basic ideas in science.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phy S 100 or instructor's consent; Phil 300.

Recommended
Phil 201, 202

PHIL 424 - Philosophy of Mind

Course Information

Teaching Area (new)
PHIL

Course Number
424

Teaching Area
PHIL

Course Title
Philosophy of Mind

Course Description
Relationship between the mental and the physical: consciousness, intentionality, mental causation.

Department
Philosophy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
Application

Tags
198561, 3

Learning Outcome
Be able to explain the practice and value of philosophy of mind.

Title
Critical Reading and Writing

Tags
198579, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a cogent and well-referenced research paper on the philosophy of mind

Title
History

Tags
198580, 1

Learning Outcome
Know major concepts, theories, figures and texts in the philosophy of mind including possible answers to questions like: what is the mind/body problem? What is the difference between a mind and a brain? What is materialism or physicalism? What is a person?

PHIL 450R - Advanced Topics in Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
450R

Teaching Area
PHIL

Course Title
Advanced Topics in Philosophy

Course Description
Selected topics in philosophy.

Department
Philosophy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Phil 300

PHIL 490 - Senior Seminar

Course Information

Teaching Area (new)
PHIL

Course Number
490

Teaching Area
PHIL

Course Title
Senior Seminar

Course Description
This course provides an opportunity for students to demonstrate that they have met the Philosophy BA program outcomes by organizing and curating their best work in an electronic portfolio. It also prepares them to articulate clearly and persuasively the value of the skills they have acquired as philosophy majors.

Department
Philosophy

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- PHIL 300 - Philosophical Writing

Learning Outcomes

Title
Critical Reading and Writing

Tags
198581, 4

Learning Outcome
Gain added experience in professional-level writing and communication

Title
The History and Value of Philosophy

Tags
198931, 2

Learning Outcome
Develop a more concrete sense of how your degree in philosophy has prepared you for your future.

Title
Career Preparation

Tags
198932, 5

Learning Outcome
Develop and polish materials you will use to apply for employment and/or further educational opportunities.

PHIL 495R - Directed Readings in Philosophy

Course Information

Teaching Area (new)
PHIL

Course Number
495R

Teaching Area
PHIL

Course Title
Directed Readings in Philosophy

Course Description
For instructors and students who wish to pursue special problems or projects, or who wish to read texts that are not covered by available courses.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHIL 300 - Philosophical Writing

Recommended
Phil 201, 202

Learning Outcomes

Title
History

Tags
198582, 1

Learning Outcome
Read and critically discuss related figures, texts, or issues under the tutelage of an expert in the field

Title
Critical Reading and Writing

Tags
198583, 2

Learning Outcome
Practice philosophical analysis and argument orally and in writing; write a short essay or a longer research paper (depending on the number of credits for which one is enrolled) on the related figures, texts, or issues addressed by the course readings

PHIL 501R - Graduate Seminar

Course Information

Teaching Area (new)
PHIL

Course Number
501R

Teaching Area
PHIL

Course Title
Graduate Seminar

Course Description
Selected topic, figure, or movement in philosophy, as announced in current class schedule.

Department
Philosophy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
5

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Critical Reading and Writing

Tags
198452, 2

Learning Outcome
Earn graduate credit for attending and completing an upper-division philosophy course with enhanced assignments, research, and writing.

Title
Figures and Topics

Tags
198548, 3

Learning Outcome
Investigate and understand an advanced philosophical issue or research topic.

PHSCS 101 - Basic Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
101

Teaching Area
PHSCS

Course Title
Basic Physics

Course Description
Principles of classical and modern physics. Concepts and simple calculations applied to the world around us.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Modern Physics

Tags
205384, 3

Learning Outcome
Qualitatively discuss and do simple calculations involving modern physics concepts that are not everyday but which have important practical and philosophical implications in today's world, such as quantum mechanics, nuclear physics and relativity.

Title
Classical Physics

Tags
205424, 1

Learning Outcome
Use basic physical laws and concepts to analyze everyday phenomena and do simple calculations involving those laws. These laws and concepts include Newton's laws of motion, conservation laws, simple thermodynamics, fluids, and electricity and magnetism.

PHSCS 105 - General Physics 1

Course Information

Teaching Area (new)
PHSCS

Course Number
105

Teaching Area
PHSCS

Course Title
General Physics 1

Course Description
Applied physics course not requiring calculus. Mechanics, heat, wave motion, and sound.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
High school algebra and trigonometry.

Recommended
Concurrent enrollment in Phscs 107

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PHSCS-105-M001.

Learning Outcomes

Title
Newton's Laws

Tags
205890, 1

Learning Outcome
Solve problems and answer conceptual questions about kinematics and Newton's laws in both linear and rotational contexts.

Title
Energy and Momentum

Tags
205891, 2

Learning Outcome
Solve problems and answer conceptual questions about energy and momentum in both linear and rotational contexts.

Title
Fluids, Temperatures, and Heat

Tags
205892, 3

Learning Outcome
Solve problems and answer conceptual questions about static flowing fluids, heat capacity and transfer, ideal gases, laws of thermodynamics, and heat engines.

Title
Waves

Tags
205893, 4

Learning Outcome
Solve problems and answer conceptual questions about harmonic motion, waves, interference, and sound.

PHSCS 106 - General Physics 2

Course Information

Teaching Area (new)
PHSCS

Course Number
106

Teaching Area
PHSCS

Course Title
General Physics 2

Course Description
Continuation of Phscs 105. Electricity and magnetism, modern physics, and optics

Department
Physics and Astronomy

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 105 or equivalent.

Recommended
Concurrent enrollment in Phscs 108

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PHSCS-106-M001.

Learning Outcomes

Title
Electric Charges, Fields, Potentials, Circuits

Tags
205894, 1

Learning Outcome
Solve problems and answer conceptual questions about electric charges, fields, electric potentials, and circuits.

Title
Magnetic fields, Forces, Faraday's Law, EM Waves

Tags
205895, 2

Learning Outcome
Solve problems and answer conceptual questions about magnetic fields, magnetic forces, Faraday's Law, and electromagnetic waves.

Title
Geometric and Wave Optics

Tags
205896, 3

Learning Outcome
Solve problems and answer conceptual questions about geometric and wave optics.

Title
Special Relativity, Quantum, Atomic, and Nuclear Physics

Tags
205897, 4

Learning Outcome
Solve problems and answer conceptual questions about special relativity, quantum physics, atomic physics, and nuclear physics.

PHSCS 107 - General Physics Lab 1

Course Information

Teaching Area (new)
PHSCS

Course Number
107

Teaching Area
PHSCS

Course Title
General Physics Lab 1

Course Description
Lab experiments in mechanics and thermodynamics. Measuring and analyzing data.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Phscs 105 or concurrent enrollment.

Note
Students should check with their department to learn if PHSCS 105 and 107 are required concurrently.

Learning Outcomes

Title
Observing, measuring, and analyzing physical data

Tags
210111, 0, 3

Learning Outcome
Make quantitative measurements with appropriate detectors and analyze the recorded data.

Title
Communicating scientific results

Tags
210112, 0, 4

Learning Outcome
Evaluate experimental results and communicate them in reports and with group members.

Title
Proposing, testing, and revising models

Tags
205898, 0, 1

Learning Outcome
Understand the use of mechanistic and mathematical models to describe physical phenomena related to mechanics, thermodynamics, waves, and fluids. Propose predictive models, test predictions, and then revise models as needed.

Title
Designing and conducting experiments

Tags
205899, 0, 2

Learning Outcome
Design and carry out experiments to test proposed models.

PHSCS 108 - General Physics Lab 2

Course Information

Teaching Area (new)
PHSCS

Course Number
108

Teaching Area
PHSCS

Course Title
General Physics Lab 2

Course Description
Lab experiments in electricity, magnetism, optics, and modern physics. Measuring and analyzing data.

Department
Physics and Astronomy

When Taught
Fall, Winter, Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Phscs 106 or concurrent enrollment

Note
Students should check with their department to learn if PHSCS 106 and 108 are required concurrently.

Learning Outcomes

Title
Observing, measuring, and analyzing physical data

Tags
210113, 0, 3

Learning Outcome
Make quantitative measurements with appropriate detectors and analyze the recorded data.

Title
Communicating scientific results

Tags
210114, 0, 4

Learning Outcome
Evaluate experimental results and communicate them in reports and with group members.

Title
Proposing, evaluating, and revising models

Tags
205900, 0, 1

Learning Outcome
Propose mechanistic and mathematical models for phenomena related to electricity and magnetism, optics, and modern physics.

Title
Designing and conducting experiments

Tags
205901, 0, 2

Learning Outcome
Design and carry out experiments to test proposed models.

PHSCS 121 - Introduction to Newtonian Mechanics

Course Information

Teaching Area (new)
PHSCS

Course Number
121

Teaching Area
PHSCS

Course Title
Introduction to Newtonian Mechanics

Course Description
Physics 121 provides a calculus-based introduction to Newtonian physics. Students explore the laws governing the natural world through the study of motion and energy and develop technical problem-solving skills. Students will gain a deeper understanding of the physical world and how scientists model physical phenomena.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Calculus or concurrent enrollment.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Units and Measurements

Tags
205150, 1

Learning Outcome
Express physical quantities with correct units, convert quantities between unit systems, and follow good practices when representing physical quantities with finite precision

Title
Position, Velocity, and Acceleration

Tags
205465, 2

Learning Outcome
Use vector notation to describe position, velocity, and acceleration of particles in one and two dimensions. Understand how time derivatives and the fundamental theorem of calculus connect these three concepts.

Title
Energy and Momentum

Tags
205466, 4

Learning Outcome
Use the ideas of energy, work, power, linear momentum, impulse, and angular momentum to analyze the motion of a system, including systems in which collisions occur

Title
Newton's Laws

Tags
205467, 3

Learning Outcome
Understand Newton’s three laws of motion and use them to solve conceptual and numerical problems. Use Newton's Second Law to calculate the motion of particles and extended objects in translation, rotation, and simple harmonic oscillation given a set of forces and torques acting on them. Represent motion in one and two dimensions using Cartesian and polar coordinates. Use Newton's law of gravity to calculate how massive objects move over distances that are large compared to the size of the objects. Connect Newton’s law of gravity to Kepler’s Laws of planetary motion

Title
Physical Reasoning

Tags
206574, 5

Learning Outcome
Practice reasoning about everyday phenomena using the language of math and physics. Learn how to use models to describe observations and make physical predictions

PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

Course Information

Teaching Area (new)
PHSCS

Course Number
123

Teaching Area
PHSCS

Course Title
Introduction to Waves, Optics, and Thermodynamics

Course Description
Waves, thermal physics, optics, special relativity, and introduction to modern physics. Weekly lab.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Phscs 121 or equivalent. Calculus

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Fluid States

Tags
205151, 1

Learning Outcome
Solve problems and answer conceptual questions using the basics of fluid statics and dynamics, including Bernoulli's principle and Pascal's law.

Title
Temperature, Pressure, Entropy, and Volume for Ideal Gases

Tags
205152, 2

Learning Outcome
Answer conceptual questions and calculate changes in temperature, pressure, entropy and volume for quasistatic ideal gas processes and be able to determine work done and efficiency for gas engines, heat pumps, and refrigerators. Determine heat flow and temperatures in systems in steady state.

Title
Physics of Waves

Tags
205153, 3

Learning Outcome
Solve problems and answer conceptual questions involving waves, using concepts such as wave speed, wavelength, frequency, superposition, beats, and resonance. Solve wave interference problems.

Title
Imaging with Optics and Optical Systems

Tags
205154, 4

Learning Outcome
Find the location and magnification of images in single- and multiple-lens/ mirror systems by calculation and by ray tracing, and be able to work general problems in optics using Snell's law and specular reflection.

Title
Special Relativity, Quantum Mechanics, and Nuclear Physics

Tags
205155, 5

Learning Outcome
(general section) Solve problems and answer conceptual questions in basic modern physics including special relativity, and quantum mechanics and nuclear physics.

Title
Waves, Fourier Analysis, Musical Acoustics

Tags
205156, 6

Learning Outcome
(majors/minors section) Solve more advanced problems and answer conceptual questions in wave analysis, including calculating group and phases velocities, solving for Fourier coefficients of periodic functions, and frequencies of notes in the equal temperament musical scale.

PHSCS 127 - Descriptive Astronomy

Course Information

Teaching Area (new)
PHSCS

Course Number
127

Teaching Area
PHSCS

Course Title
Descriptive Astronomy

Course Description
Conceptual presentation of knowledge of the content and history of the cosmos, frequently using observatory and/or planetarium.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Astronomical Terminology and Perspective

Tags
205935, 1

Learning Outcome
Students will be able to answer conceptual questions using correct astrophysical terminology about the following core astronomy concepts:
* the motion of the Earth and the objects seen in the visible sky
* how and into what the Universe is organized by gravity at all scales from the solar system to the superclusters of galaxies.
* the significant and unique characteristics of each planet and other components of the solar system.
* the essential physical concepts that govern the life cycle of stars from creation to death, how the Sun compares to other stars, and the changes the Sun and stars will go through during their life cycles.
* the structure and classification of galaxies and clusters of galaxies.
* the central ideas of and evidences for current big bang cosmologies.

Title
Night Sky

Tags
206575, 2

Learning Outcome
Students will be able to identify common naked eye constellations, bright stars and deep sky objectsin the sky.

Title
Observing Projects

Tags
206576, 3

Learning Outcome
Students will gain practical experience by performing their own astronomical observations, interpreting their observations and communicating their results.

Title
Appreciation of our Creator's Universe

Tags
206577, 4

Learning Outcome
Students will appreciate the grandeur of our Savior's universe.

PHSCS 137 - Energy, Climate, and the Environment

Course Information

Teaching Area (new)
PHSCS

Course Number
137

Teaching Area
PHSCS

Course Title
Energy, Climate, and the Environment

Course Description
Introduction to the physics behind energy production and consumption and the associated impact on ecology, climate, and the environment

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

PHSCS 145 - Experimental Methods in Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
145

Teaching Area
PHSCS

Course Title
Experimental Methods in Physics

Course Description
Introduction to physical measurement and analysis, optics, sensors, actuators, and computer-based data acquisition.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Phscs 121 or equivalent.

Note
NOTE: Physics majors or minors only, or instructor permission. Non-Physics majors and minors, contact the instructor at Physics145@byu.edu.

Learning Outcomes

Title
Basic Skills

Tags
205161, 1

Learning Outcome
Demonstrate good practices in experimental physics documentation and communication such as data collection, record keeping, and presentation.

Title
Oscillating Signal Analysis

Tags
205162, 7

Learning Outcome
Apply AC concepts such as frequency response, frequency filtering, fourier transform analysis, and impedance to sinusoidally-driven electrical, mechanical, optical, and acoustical systems.

Title
Data Analysis

Tags
205379, 2

Learning Outcome
Demonstrate the ability to analyze experimental data this includes techniques such as error estimation, error propagation, model selection, and curve fitting.

PHSCS 167 - Descriptive Acoustics of Music and Speech

Course Information

Teaching Area (new)
PHSCS

Course Number
167

Teaching Area
PHSCS

Course Title
Descriptive Acoustics of Music and Speech

Course Description
Introductory acoustics course, emphasizing physical principles underlying production and perception of music and speech.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Concepts

Tags
205282, 1

Learning Outcome
Define the basic terminologies of acoustics, identify physical principles involved in common situations and answer conceptual questions related to hearing, speech, audio, listening environments, and musical instruments.

Title
Models of acoustical systems

Tags
205297, 2

Learning Outcome
Apply scientific models to analysis of hearing, speech and musical instruments, etc.

Title
Writing

Tags
205356, 4

Learning Outcome
Write effectively using the terminology of acoustics and logically outline how acoustics is important in a discipline of their choice.

Title
Analysis

Tags
205365, 3

Learning Outcome
Solve basic problems related to hearing, speech, audio, listening environments, and musical instruments.

PHSCS 191 - Introduction to Physics Careers and Research 1

Course Information

Teaching Area (new)
PHSCS

Course Number
191

Teaching Area
PHSCS

Course Title
Introduction to Physics Careers and Research 1

Course Description
Survey of BYU undergraduate physics and astronomy programs, careers in physics and astronomy, and current physics and astronomy research.

Department
Physics and Astronomy

When Taught
Fall Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Take first semester after registered as physics major.

Learning Outcomes

Title
Educational Plan

Tags
205163, 2

Learning Outcome
Develop a draft of an educational plan for both undergraduate and graduate training.

Title
Current Physics Research

Tags
205236, 3

Learning Outcome
Describe examples of current research in physics or astronomy, explaining what questions are being asked by the investigators and why these questions are interesting.

Title
Subfields of Physics

Tags
205328, 1

Learning Outcome
Describe the major subfields of physics and the breadth of interdisciplinary research to which physicists contribute.

Title
Careers in Physics

Tags
205338, 4

Learning Outcome
Describe career opportunities available in physics and astronomy and the specific preparation necessary for these careers.

PHSCS 198 - Physics and Mathematics Review

Course Information

Teaching Area (new)
PHSCS

Course Number
198

Teaching Area
PHSCS

Course Title
Physics and Mathematics Review

Course Description
Review of mathematics and introductory physics for returning missionaries and others returning after a significant break.

Department
Physics and Astronomy

When Taught
Fall Term 1.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 121 or equivalent. Math 113 or concurrent enrollment.

Learning Outcomes

Title
Physics Review

Tags
205299, 1

Learning Outcome
Recall and apply fundamental physics concepts at the level of Physics 121.

Title
Math Review

Tags
205307, 0

Learning Outcome
Recall and apply the fundamental mathematical concepts and techniques up to the level of differential and beginning integral calculus that are necessary for Physics 121.

PHSCS 220 - Introduction to Electricity and Magnetism

Course Information

Teaching Area (new)
PHSCS

Course Number
220

Teaching Area
PHSCS

Course Title
Introduction to Electricity and Magnetism

Course Description
Electricity and magnetism. Weekly lab.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2

Other Prerequisites
Phscs 121 or equivalent.

Recommended
It is highly recommended that Phscs 220 and Phscs 225 be taken concurrently

Note
For Physics, Applied Physics, and Physics Education majors, as well as Physics and Physics Education minors. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PHSCS-220-M001.

Learning Outcomes

Title
Electrostatics

Tags
203953, 1

Learning Outcome
Use Maxwell's equations to find electric and magnetic fields in symmetric arrangements of static charges and steady currents. Also find electric and magnetic fields by integrating over charge and current densities.

Title
Energy and Motion of Charged Particles

Tags
203954, 2

Learning Outcome
Solve problems and answer conceptual questions involving electromagnetic energy (potential), forces, and the motion of charged particles and dipoles.

Title
Electrical Circuits

Tags
203955, 3

Learning Outcome
Analyze simple direct current and alternating current circuits of resistors, inductors, capacitors and power supplies.

Title
Electrodynamics

Tags
203956, 4

Learning Outcome
Use Maxwell's equations to solve problems and answer conceptual questions with changing electric and magnetic fields, including induction and electromagnetic radiation.

PHSCS 222 - Modern Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
222

Teaching Area
PHSCS

Course Title
Modern Physics

Course Description
Quantum physics, atoms, molecules, condensed matter, nuclei, elementary particles, and selected topics in contemporary physics.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  AND PHSCS 220 - Introduction to Electricity and Magnetism

Other Prerequisites
Phscs 121 or equivalent.

Recommended
Math 302 or Math 314

Learning Outcomes

Title
Simple Systems

Tags
205204, 2

Learning Outcome
Apply the principles of quantum mechanics to predict the results of measurements in simple systems such as a free particle, simple potential wells, and central potentials.

Title
Applications

Tags
205205, 3

Learning Outcome
Solve problems and answer conceptual questions applying the principles of quantum mechanics and special relativity to topics in modern physics such as atomic physics, molecular physics, the physics of solids, statistical physics, nuclear physics, radioactivity, and particle physics.

Title
Fundamental Principles

Tags
205447, 1

Learning Outcome
Demonstrate their understanding of the fundamental postulates and principles of special relativity and quantum mechanics.

PHSCS 225 - Introduction to Experimental Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
225

Teaching Area
PHSCS

Course Title
Introduction to Experimental Physics

Course Description
Introduction to skills and approaches to foster innovation and leadership in experimental science. Hands-on experience constructing knowledge through a process of observing phenomena, proposing models, generating predictions, designing and conducting experiments, and analyzing and evaluating findings. Focus on developing skills for effectively pursuing experimental goals in teams. Exploration of physical systems in the domain of electrical phenomena and measurement and control using electrical transducers, analog and digital circuits, and microcontrollers. Analog and digital circuit concepts, simple linear network theory and impedance concepts using complex representations.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Physics 220 must be taken previous to or concurrently with Physics 225. Taking the two classes concurrently is highly recommended.

Learning Outcomes

Title
Observation and measurement

Tags
210115, 0, 1

Learning Outcome
Observe and measure electrical phenomena: recognize patterns, relationships, and incongruities.

Title
Proposing and evaluating models

Tags
210116, 0, 2

Learning Outcome
Propose mechanistic and mathematical models and design and carryout experiments to evaluate competing models.

Title
Experimental design and analysis

Tags
210117, 0, 3

Learning Outcome
Analyze/Organize data and apply statistical hypothesis testing concepts in both design and analysis of experiments.

Title
Models of electrical phenomena

Tags
210118, 0, 4

Learning Outcome
Develop and apply models of electrical phenomena and devices using basic concepts of charge, voltage, complex impedance, spectrum analysis, and linear networks.

Title
Electrical circuits

Tags
210119, 0, 5

Learning Outcome
Use circuits in a context where physicists use them -- making measurements, interfacing with instruments and computers, signal conditioning, collecting data, and controlling apparatus.

Title
Leadership and teamwork

Tags
210120, 0, 6

Learning Outcome
Develop patterns for effective leadership and teamwork.

PHSCS 227 - Planetary and Stellar Astrophysics

Course Information

Teaching Area (new)
PHSCS

Course Number
227

Teaching Area
PHSCS

Course Title
Planetary and Stellar Astrophysics

Course Description
Solar-system dynamics, planetary surfaces and atmospheres. Stellar interiors, stellar atmospheres and stellar evolution. Celestial coordinates, spectra, interaction of light and matter. Extrasolar planets.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites
Math 112 or equivalent; Phscs 127 or concurrent

Learning Outcomes

Title
The Solar System

Tags
205432, 2

Learning Outcome
Students will be able to describe the differences between the planets and the moons and how these differences provide clues as to their formation history. Mastery of this knowledge will be determined through short answer essay questions on exams and preclass questions.

Title
Celestial Mechanics and the Nature of Light

Tags
205431, 0, 1

Learning Outcome
Students will be able to solve elementary problems in classical celestial mechanics and in the interaction of light with atoms and molecules. Mastery will be measured through the use of homework and exam problems.

Title
Scientific Writing

Tags
205433, 0, 3

Learning Outcome
Students will be taught how to search astronomy publications to gather information on a given topic and to present their findings in the form of a scientific paper with proper acknowledgement. Progress will be monitored through regular meetings with the instructor who will determine at each interview the student's progress and provide appropriate guidance. Students will be given a rubric to guide them in the writing of the paper, and the rubric will be used to grade the final paper. Mastery will be determined through an oral presentation and a final written report.

Title
Scientific Research

Tags
205434, 0, 4

Learning Outcome
Students will work on various projects throughout the semester that relate to planetary and stellar science using real astronomical data. They will write-up their results following a standard rubric. Mastery will be determined through the completion of the analysis and grading of each write-up as defined in the rubric.

Title
Stellar Astrophysics

Tags
213226, 0, 5

Learning Outcome
Students will be able to use equations and observational data to determine the physical properties of stars, such as distance, mass, temperature, etc. Mastery of this knowledge will be measured through the use of homework and exam problems.

Title
Stellar Evolution

Tags
213227, 0, 6

Learning Outcome
Students will learn how the initial mass of the protostar determines all of the physical characteristics of the star and how it will evolve throughout its life. Mastery of this knowledge will be determine through short answer essay questions on exams and problems.

PHSCS 228 - Stellar and Extragalactic Astronomy

Course Information

Teaching Area (new)
PHSCS

Course Number
228

Teaching Area
PHSCS

Course Title
Stellar and Extragalactic Astronomy

Course Description
Stellar atmospheres, stellar interiors, stellar evolution, interstellar matter, galactic structure, external galaxies, and cosmology.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND PHSCS 227 - Planetary and Stellar Astrophysics

Learning Outcomes

Title
Stellar Populations and Galactic Structure

Tags
205208, 2

Learning Outcome

Demonstrate an understanding of stellar populations and galactic structure;

Title
Cosmology

Tags
205210, 4

Learning Outcome

Display a qualitative grasp of up-to-date observational cosmology and solve elementary problems in theoretical cosmology.

Title
The Milky Way and Other Galaxies

Tags
205209, 0, 3

Learning Outcome

Display a knowledge of the basic properties of galaxies and their formation and evolution;

Title
The Interstellar Medium and Star Formation

Tags
205207, 0, 1

Learning Outcome

Display a qualitative and simple quantitative understanding of the role of the interstellar medium in star formation

PHSCS 230 - Computational Physics Lab 1

Course Information

Teaching Area (new)
PHSCS

Course Number
230

Teaching Area
PHSCS

Course Title
Computational Physics Lab 1

Course Description
Introduction to numerical and symbolic computation and graphical analysis using a symbolic mathematics program. Applications to mechanics, optics, and special relativity.

Department
Physics and Astronomy

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics
  AND PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics

Other Prerequisites
Phscs 220 or concurrent enrollment. Math 302 or 313 or concurrent enrollment

Recommended
C S 110, C S 111, C S 142 or concurrent enrollment

Learning Outcomes

Title
Mathematical Basics

Tags
205164, 1

Learning Outcome
Demonstrate the ability to apply calculus, linear algebra, and complex analysis to solve undergraduate-level physics problems.

Title
Programming

Tags
205165, 2

Learning Outcome
Demonstrate the ability to use programming constructs such as looping, conditional execution, and iteration to solve physics problems.

Title
Solve Equations

Tags
205166, 3

Learning Outcome
Solve equations, including systems of equation, related to physical phenomena both symbolically and numerically.

Title
Develop Insight

Tags
205167, 4

Learning Outcome
Demonstrate the ability to visualize, analyze, and interpret equations, data, and physical models.

PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus

Course Information

Teaching Area (new)
PHSCS

Course Number
240

Teaching Area
PHSCS

Course Title
Design, Fabrication, and Use of Scientific Apparatus

Course Description
Machining, computer interfacing, controls, and vacuum systems.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  AND PHSCS 145 - Experimental Methods in Physics

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  AND PHSCS 225 - Introduction to Experimental Physics

Learning Outcomes

Title
Design and Build Experimental Apparatus

Tags
205428, 0, 1

Learning Outcome
Plan and construct mechanical and electrical systems for physical measurements using computer aided design, metal machining, soldering, and circuit construction.

Title
Measure and Analyze Experimental Results

Tags
205425, 0, 2

Learning Outcome
Make involved physical measurements and use approximate quantitative models to characterize the physical systems. Analyze and describe measurements of the systems. Use signal averaging and curve fitting.

Title
Software automation and control

Tags
205168, 0, 3

Learning Outcome
Learn and use LabVIEW basics for software automation of hardware using feedback control.

Title
Record Keeping

Tags
205415, 0, 4

Learning Outcome
Document in a personal lab notebook the procedures, methods, results, and analysis of laboratory exercises.

Title
Presentation

Tags
205269, 0, 5

Learning Outcome
Present work in writing (technical report and journal article) and through oral presentations

Title
Review scientific literature

Tags
210121, 0, 6

Learning Outcome
Identify relevant literature and summarize important findings.

Title
Ethics

Tags
210122, 0, 7

Learning Outcome
Demonstrate understanding of professional ethics guidelines for research activities and presentation of results.

PHSCS 245 - Experiments in Contemporary Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
245

Teaching Area
PHSCS

Course Title
Experiments in Contemporary Physics

Course Description
In-depth, multi-period experiments in contemporary physics, using advanced instrumentation.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 220 - Introduction to Electricity and Magnetism **AND** PHSCS 240 - Design, Fabrication, and Use of Scientific Apparatus

Learning Outcomes

Title
Students will become proficient independent experimenters through multi-period, in-depth projects

Tags
205238, 0, 1

Learning Outcome
Independently set goals, establish success criteria, determine feasibility, and design the experiment, including choosing and acquiring appropriate instruments and materials. Make and test predictions.

Title
Develop proposals for independent research

Tags
205347, 0, 2

Learning Outcome
Learn to write and evaluate white papers and proposals and participate in proposal selection process. Carry out proposed research.

Title
Advanced instrumentation and techniques

Tags
210123, 0, 3

Learning Outcome
Demonstrate the use and assembly of experimental systems using contemporary instrumentation components to perform experiments with optical instrumentation, vacuum systems, lock-in detection, and Fourier analysis. Learn to approach new instruments and techniques independently.

Title
Oral presentation

Tags
210124, 0, 4

Learning Outcome
Develop ability to effectively and persuasively present proposals and research results.

Title
Synthesizing learning

Tags
210125, 0, 5

Learning Outcome
Synthesize and apply theoretical learning to experimental research.

PHSCS 281 - Principles of Solid State Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
281

Teaching Area
PHSCS

Course Title
Principles of Solid State Physics

Course Description
Introduction to physics of solids, including laboratory experience.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 220 - Introduction to Electricity and Magnetism

Other Prerequisites
Phscs 121 or equivalent.

Note
For students in science, computer science, technology, and engineering.

Learning Outcomes

Title
Crystals

Tags
205264, 1

Learning Outcome
Use the concepts of lattices, unit cells, and the atomic basis to describe the structure of crystals.

Title
Reciprocal Space

Tags
205295, 1

Learning Outcome
Apply the concept of reciprocal lattices and the first Brillouin zone to arrive at conclusions about wave diffraction, dispersion graphs of lattice waves, and electron energy bands.

Title
Band Structure

Tags
205305, 3

Learning Outcome
Use the ideas of band structure to arrive at conclusions about the electrical properties of materials. Use the ideas of doping to arrive at conclusions about the electrical properties of semiconductors.

Title
Electrons in Crystals

Tags
205400, 2

Learning Outcome
Apply basic principles of quantum mechanics to describe the behavior of electrons in crystalline solids and describe the concepts of density of states, Pauli's exclusion principle, the Dirac distribution function, and band structure.

PHSCS 291 - Introduction to Physics Careers and Research 2

Course Information

Teaching Area (new)
PHSCS

Course Number
291

Teaching Area
PHSCS

Course Title
Introduction to Physics Careers and Research 2

Course Description
Career opportunities for physicists in industry, interdisciplinary research, national labs and observatories, and professions such as medicine, law, and business. Personal planning for research or internship involvement. As Phscs 291 includes assignments to help students get started on their senior theses, it should only be taken by Physics majors or those seriously considering a Physics major.

Department
Physics and Astronomy

When Taught
Fall Term 2.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 121 - Introduction to Newtonian Mechanics

Other Prerequisites
Phscs 191 or concurrent enrollment.

Recommended
It is recommended that students take this class during their sophomore year

Note
Take first semester as a sophomore.

Learning Outcomes

Title
Careers

Tags
205169, 1

Learning Outcome
Describe career opportunities for physicists in industry, interdisciplinary research, national labs and observatories, and professions such as medicine, law and business.

Title
Prepare for Success

Tags
205170, 2

Learning Outcome
Learn how to prepare for and succeed in such careers from physicists working in them.

Title
Research Plan

Tags
205171, 3

Learning Outcome
Develop a plan for research or internship involvement.

Title
Graduate School

Tags
205172, 4

Learning Outcome
Develop a plan for graduate school (if the student's career path requires it).

PHSCS 297R - Introduction to Research

Course Information

Teaching Area (new)
PHSCS

Course Number
297R

Teaching Area
PHSCS

Course Title
Introduction to Research

Course Description
Faculty-supervised research experience.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Learning Outcomes

Title
Research and Write

Tags
205350, 0

Learning Outcome
Produce an informal written report in acceptable scientific style describing the results of this mentored research experience.

PHSCS 310 - Physics By Inquiry: Mechanics

Course Information

Teaching Area (new)
PHSCS

Course Number
310

Teaching Area
PHSCS

Course Title
Physics By Inquiry: Mechanics

Course Description
Exploring principles of mechanics through scripted inquiry resulting in personal discovery of key principles and learning to teach through inquiry methods.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHSCS 105 - General Physics 1

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 121 - Introduction to Newtonian Mechanics

Note
This class is designed for physics teaching and physical science teaching majors. Those with other majors may add by contacting the professor to get a permission-to-add code.

Learning Outcomes

Title
Development of Physics Pedagogic Teaching Skills

Tags
205278, 6

Learning Outcome
Develop teaching skills in using projects, practicums and lab experimentation that can be transferred to secondary schools when they are teachers.

Title
Physics Teaching Using Technology

Tags
205289, 2

Learning Outcome
Be able to deliver laboratory instruction to students using only meter sticks and stopwatches (low tech data collection) and also using electronic probes (high tech data collection).Use of Video and Computer Data collection techniques.

Title
Constructivist Learning Model

Tags
205296, 0

Learning Outcome
Teach and learn physics using constructivist inquiry based modes of instruction.

Title
Development and Experience with of a Suite of Secondary Scho

Tags
205374, 4

Learning Outcome
Leave class with a suite of about 15 labs that they have completed and written up from the constructivist teacher model that they can use immediately in the 7-12 secondary physics classroom.

PHSCS 311 - Physics By Inquiry: Electricity

Course Information

Teaching Area (new)
PHSCS

Course Number
311

Teaching Area
PHSCS

Course Title
Physics By Inquiry: Electricity

Course Description
Exploring principles of electricity through scripted inquiry resulting in personal discovery of key principles and learning to teach through inquiry methods.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHSCS 106 - General Physics 2

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 220 - Introduction to Electricity and Magnetism

Learning Outcomes

Title
Constructivist Learning Model

Tags
205275, 0

Learning Outcome
Teach physics using constructivist inquiry based modes of instruction, scripted inquiry.

Title
Development of Physics Pedagogic Teaching Skills

Tags
205315, 6

Learning Outcome
Develop a teaching suite of labs for teaching electricity.Develop the ability to use alternative modes of assessment that take students beyond the multiple choice format of assessment to open ended, "apply the physics you understand" to this problem.

Title
Development & Experience a Suite of Secondary School Electr

Tags
205321, 5

Learning Outcome
Develop teaching skills in using projects, practicums and lab experimentation that can be transferred to secondary schools when they are teachers.

Title
Physics Teaching Using Technology

Tags
205386, 2

Learning Outcome
Be able to deliver laboratory instruction to students from the CASTLE Electricity units.

PHSCS 313R - Special Topics in Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
313R

Teaching Area
PHSCS

Course Title
Special Topics in Physics

Course Description
Special topics in physics for undergraduate physics majors.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Master Subject

Tags
205300, 0

Learning Outcome
Achieve the learning outcomes of the trial courses assigned this number from time to time.

PHSCS 318 - Introduction to Mathematical Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
318

Teaching Area
PHSCS

Course Title
Introduction to Mathematical Physics

Course Description
Partial differential equations, classical field equations, algebra of complex variables, Fourier analysis, integral transforms, and orthogonal functions.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2
  AND PHSCS 230 - Computational Physics Lab 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND PHSCS 230 - Computational Physics Lab 1

Other Prerequisites
Math 302 or Math 314.

Learning Outcomes

Title
Partial Differential Equations

Tags
205173, 3

Learning Outcome
Solve partial differential equations in Cartesian, cylindrical, and spherical coordinates using separation of variables and expansions in orthogonal functions. Apply boundary conditions appropriate for physical systems.

Title
Complex Numbers

Tags
205174, 5

Learning Outcome
Perform algebraic computations involving complex numbers and functions.

Title
Special Functions

Tags
205175, 9

Learning Outcome
Use the properties (such as recursion relations, derivative relationships, and orthogonality conditions) of various special functions, including trigonometric functions, Bessel functions, and Legendre polynomials to solve problems involving those functions.

Title
Fourier Analysis

Tags
205176, 11

Learning Outcome
Use Fourier series and transforms to expand functions and solve partial differential equations on appropriate domains.

PHSCS 321 - Mechanics

Course Information

Teaching Area (new)
PHSCS

Course Number
321

Teaching Area
PHSCS

Course Title
Mechanics

Course Description
Newton's laws applied to particles and systems of particles, including rigid bodies. Conservation principles and Lagrange's and Hamilton's equations.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1
  AND PHSCS 121 - Introduction to Newtonian Mechanics
  AND PHSCS 230 - Computational Physics Lab 1

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables
  AND PHSCS 121 - Introduction to Newtonian Mechanics
  AND PHSCS 230 - Computational Physics Lab 1

Other Prerequisites
Math 303 or 334 or concurrent enrollment.

Recommended
Concurrent enrollment in Phscs 330

Learning Outcomes

Title
Newton's Laws

Tags
205177, 1

Learning Outcome
Use Newtonian mechanics with forces and torques to solve problems in Cartesian and curvilinear coordinates.

Title
Work, Energy, and Momentum

Tags
205178, 2

Learning Outcome
Solve mechanics problems using work-energy, and conservation of energy, momentum and angular momentum.

Title
Rotation

Tags
205179, 3

Learning Outcome
Solve and analyze rigid-body problems and problems in non-inertial frames.

Title
Lagrangion and Hamiltonian mechanics

Tags
205180, 4

Learning Outcome
Use Lagrangian and Hamiltonian mechanics to obtain the equations of motion for a variety of problems, including the use of generalized coordinates and cyclic coordinates.

Title
Perturbation Theory

Tags
205181, 5

Learning Outcome
Use perturbation and similar techniques to linearize equations of motion to analyze stability and study coupled systems using normal modes.

PHSCS 329 - Observational Astronomy

Course Information

Teaching Area (new)
PHSCS

Course Number
329

Teaching Area
PHSCS

Course Title
Observational Astronomy

Course Description
Basic techniques of observational astronomy, emphasizing practical experience in optical data acquisition and analysis.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 227 - Planetary and Stellar Astrophysics
  AND C S 111 - Introduction to Computer Science

Recommended
PHSCS 228 concurrent enrollment if not completed

Learning Outcomes

Title
Observing with a Telescope and CCD camera

Tags
205211, 1

Learning Outcome
Obtain publication quality astronomical data (photometric data) using a telescope and CCD camera.

Title
Optical Data Reduction and Analysis

Tags
205212, 2

Learning Outcome
Process raw data and extract astrophysically significant information from data about astronomical objects.

Title
Professional Ethics

Tags
205213, 5

Learning Outcome
Follow professional ethics guidelines in research activities and presentation of results.

Title
Astronomical Written and Verbal Presentation Skills

Tags
205468, 3

Learning Outcome
---Present results in astronomical publication format written in AASTeX.
---Present results in poster form like those at American Astronomical Society meetings.
---Prepare a request for telescope time at a facility outside of BYU

PHSCS 330 - Computational Physics Lab 2

Course Information

Teaching Area (new)
PHSCS

Course Number
330

Teaching Area
PHSCS

Course Title
Computational Physics Lab 2

Course Description
Numerical solution of ordinary differential equations with applications to dynamics and chaos. Introduction to scientific programming.

Department
Physics and Astronomy

When Taught
Fall, Winter, and Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1
  AND PHSCS 230 - Computational Physics Lab 1
  AND C S 111 - Introduction to Computer Science

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND PHSCS 230 - Computational Physics Lab 1
  AND C S 111 - Introduction to Computer Science

Other Prerequisites
Math 303 or 334 or equivalent; CS 111 or equivalent.

Learning Outcomes

Title
Computer Programming and Differential Equations

Tags
205439, 1

Learning Outcome
Write and debug scientific programs to solve ordinary differential equations and simulate dynamical systems.

Title
Explain Differential Equations

Tags
205440, 2

Learning Outcome
Qualitatively explain how differential equations generate their solution curves.

PHSCS 360 - Statistical and Thermal Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
360

Teaching Area
PHSCS

Course Title
Statistical and Thermal Physics

Course Description
Principles of statistical mechanics and thermodynamics, with applications.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2
  AND PHSCS 222 - Modern Physics

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND PHSCS 222 - Modern Physics

Other Prerequisites
Math 302 or Math 314.

Learning Outcomes

Title
Thermodynamics

Tags
205182, 1

Learning Outcome
Use statistical arguments to explain thermodynamics from first principles, including heat flow and the increase of entropy. Apply these to solve quantitative problems in thermodynamics.

Title
Equilibrium and Phase Transformations

Tags
205183, 2

Learning Outcome
Use thermodynamic potentials, e.g. the Helmholtz and Gibbs free energies, to predict equilibrium states in physical systems and predict phase transformations.

Title
Explain Physical Phenomena

Tags
205184, 3

Learning Outcome
Use simple models to explain physical phenomena in a variety of systems, including: classical and quantum ideal gases, magnetic systems, solids.

PHSCS 383 - Physical Reasoning with Data

Course Information

Course Number
383

Teaching Area
PHSCS

Course Title
Physical Reasoning with Data

Course Description
An experiential learning physics-based approach to data science that includes designing physical experiments, collecting data, and investigating uncertainties, causality and correlation in datasets while developing cross-discipline technical communication skills.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- STAT 121 - Introduction to Statistical Data Analysis
  AND C S 180 - Introduction to Data Science

OR

Complete ALL of the following Courses:
- STAT 201 - Statistics for Engineers and Scientists
  AND C S 111 - Introduction to Computer Science

OR

Complete ALL of the following Courses:
- STAT 201 - Statistics for Engineers and Scientists
  AND C S 180 - Introduction to Data Science

Learning Outcomes

Title
Information Physics

Tags
214283, 0, 1, 2023-08-29 11:52:41

Learning Outcome
Understand the concepts of information, entropy, probability, and surprise and their use in data science, machine learning, and the modeling of physical systems

Title
Design and Perform Physical Experiments

Tags
214284, 0, 2, 2023-08-29 11:52:42

Learning Outcome
Plan physical experiments and observations; decide what data are needed, determine the sampling parameters; and evaluate limitations in the dataset

Title
Physical Interpretation of Data

Tags
214285, 0, 3, 2023-08-29 11:52:44

Learning Outcome
Recognize erroneous data; detect biases and outliers; apply scaling and nondimensionalization to obtain insights into the data

Title
Causal Relationships in Data

Tags
214286, 0, 4, 2023-08-29 11:52:46

Learning Outcome
Comprehend the difference between correlation and causality and their roles in data science and data-limited information

Title
Scientific Communication and Collaboration

Tags
214287, 0, 5, 2023-08-29 11:52:47

Learning Outcome
Practice communicating across disciplines; participate in active learning classroom, including small group discussion; complete final group project and presentation

PHSCS 391R - Seminar in Current Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
391R

Teaching Area
PHSCS

Course Title
Seminar in Current Physics

Course Description
Attend seminar presentations in current physics and astronomy topics.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Current topics

Tags
205453, 1

Learning Outcome
Students will become familiar with current topics in this content area.

Title
Build & strengthen career network

Tags
205454, 2

Learning Outcome
Students will build and strengthen their career network.

Title
Attend seminars

Tags
205455, 3

Learning Outcome
Students will attend 50% of the seminars offered this semester and write a summary of the topic discussed each time.

PHSCS 399R - Academic Internship

Course Information

Teaching Area (new)
PHSCS

Course Number
399R

Teaching Area
PHSCS

Course Title
Academic Internship

Course Description
Research experience in an industrial, academic, or government laboratory, reported to a BYU faculty member.

Department
Physics and Astronomy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Both department chair's and internship coordinator's consent.

Note
For students engaged in the internship program. An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Research, Write, Present

Tags
205320, 1

Learning Outcome
Student will report, both verbally and in writing, what he or she learned from the internship experience.

PHSCS 416 - Writing in Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
416

Teaching Area
PHSCS

Course Title
Writing in Physics

Course Description
Writing scientific and technical articles and proposals. Writing and presentation skills applied to senior thesis or capstone project. Resources and guidelines for publishing in physics.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Completed research for thesis or capstone project.

Learning Outcomes

Title
Communication

Tags
205237, 0

Learning Outcome
Communicate succinctly and precisely in both written and oral formats.

Title
Ethics

Tags
205243, 2

Learning Outcome
Describe ethical issues that may arise in the physics profession and formulate appropriate responses to these issues.

Title
Thesis

Tags
205309, 1

Learning Outcome
Write a thesis/capstone report or a professional paper.

Title
Professional Documents and Presentations

Tags
205345, 3

Learning Outcome
Produce professional documents (resume, memo, etc.) and presentations.

PHSCS 427 - Stellar Astrophysics

Course Information

Teaching Area (new)
PHSCS

Course Number
427

Teaching Area
PHSCS

Course Title
Stellar Astrophysics

Course Description
The study of the structure, evolution, and light output of stars and how they fit within the galactic structure.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming
  AND MATH 302 - Mathematics for Engineering 1
  AND PHSCS 228 - Stellar and Extragalactic Astronomy

OR

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming
  AND MATH 314 - Calculus of Several Variables
  AND PHSCS 228 - Stellar and Extragalactic Astronomy

Learning Outcomes

Title
Astronomical Writing Skills

Tags
205469, 8

Learning Outcome
Prepare an astronomy journal style article detailing a single astronomical topic related to class material. Do this with proper ethical considerations.

Title
Synthesizing Relevant Journal Articles

Tags
205470, 6

Learning Outcome
Read multiple astronomy journal articles covering content from this course and synthesize the information to provide a clearly written discussion of the material.

Title
Astrophysical Content

Tags
205480, 7

Learning Outcome
---Discuss conceptual understanding and work mathematical solutions for the connection between stars and basic galactic structure.
---Discuss conceptual understanding and work mathematical solutions for the formation of spectral lines in astrophysical objects.
---Discuss conceptual understanding and work mathematical solutions for the basics of stellar structure and evolution.
---Use basic equations and computer programs to explore stellar astrophysics.

PHSCS 428 - Galaxies and Cosmology

Course Information

Teaching Area (new)
PHSCS

Course Number
428

Teaching Area
PHSCS

Course Title
Galaxies and Cosmology

Course Description
The study of the formation, nature, and evolution of galaxies together with the study of the universe as a whole using Big Bang cosmology.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming
  AND MATH 303 - Mathematics for Engineering 2
  AND PHSCS 228 - Stellar and Extragalactic Astronomy

OR

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming
  AND MATH 334 - Ordinary Differential Equations
  AND PHSCS 228 - Stellar and Extragalactic Astronomy

Recommended
MATH 314.

Learning Outcomes

Title
Galaxy Properties

Tags
205481, 6

Learning Outcome
Students will describe and quantify galaxy morphological types, dynamics, formation history, content, age, chemistry, evolution and clustering. They will place these properties in the context of current theory.

Title
Active Galactic Nuclei

Tags
205482, 7

Learning Outcome
Students will describe the observational aspects of all active galactic nuclei (AGN) classes (quasars, blazars, Seyferts I and II, FR- I and FR-II radio galaxies, LINERS). They will apply the standard model to explain these different classes and to explain how AGN evolve with time.

Title
Cosmology

Tags
205483, 8

Learning Outcome
Starting with Newtonian dynamics, students will derive the basic energy equation of an expanding universe. They will extend it to curved-space using the Robertson-Walker metric, and derive and apply the Friedmann equations to different possible universes.

Title
Big Bang Theory

Tags
205484, 9

Learning Outcome
Students will describe and contrast big bang and steady state cosmologies and explain why big bang is preferred. They will memorize and explain the main eras in big bang evolution including inflation. They will present and explain the significance of the multipole analysis of the cosmic background radiation (CMB).

Title
Technical Writing

Tags
205485, 10

Learning Outcome
Students will research and write a 20 page paper on one aspect of cosmology. They will present this paper either in class or at the spring research conference.

PHSCS 430 - Computational Physics Lab 3

Course Information

Teaching Area (new)
PHSCS

Course Number
430

Teaching Area
PHSCS

Course Title
Computational Physics Lab 3

Course Description
Computational study of static and dynamic boundary value problems, partial differential equations, linear algebra, and eigenvalues. Applications such as electrostatics, thermodynamics, waves, and quantum mechanics. Computational tools to store, share, and analyze data, including machine learning.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 222 - Modern Physics
  AND PHSCS 318 - Introduction to Mathematical Physics
  AND PHSCS 330 - Computational Physics Lab 2

Learning Outcomes

Title
Numerically Solve Partial Differential Equations

Tags
205441, 1

Learning Outcome
Write and debug programs to solve physics problems involving partial differential equations.

Title
Linear Algebra

Tags
205442, 3

Learning Outcome
Use linear algebra and eigenvalues in the solution of partial differential equations and to find normal modes in mechanical systems.

Title
Data Analysis

Tags
205474, 4

Learning Outcome
Use databases to store and share data. Use machine learning tools to model and find patterns in data.

PHSCS 441 - Electricity and Magnetism

Course Information

Teaching Area (new)
PHSCS

Course Number
441

Teaching Area
PHSCS

Course Title
Electricity and Magnetism

Course Description
Classical theory of static electric and magnetic fields.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 220 - Introduction to Electricity and Magnetism **AND** PHSCS 318 - Introduction to Mathematical Physics

Learning Outcomes

Title
Vector Calculus

Tags
205185, 1

Learning Outcome
Demonstrate the ability to apply the concepts of vector calculus as used in Maxwell's equations.

Title
Integrating Static Sources

Tags
205186, 3

Learning Outcome
Demonstrate the ability to integrate over a source distribution to calculate time-independent fields and potentials for both electricity and magnetism. Also demonstrate the ability to use Gauss's law and Amperes law to find electric and magnetic fields in symmetric situations.

Title
Image Charges and Currents

Tags
205187, 4

Learning Outcome
Demonstrate the ability to use vacuum harmonics, image charges, and image currents to solve for time-independent electric and magnetic potentials and fields.

Title
Material Influences

Tags
205188, 7

Learning Outcome
Demonstrate the ability to calculate electric and magnetic fields in the presence of matter which can be electrically and magnetically polarized, including the ability to solve problems involving torques and potential energies of electric and magnetic dipoles.

PHSCS 442 - Electrodynamics

Course Information

Teaching Area (new)
PHSCS

Course Number
442

Teaching Area
PHSCS

Course Title
Electrodynamics

Course Description
Maxwell's equations, radiation, interaction of electromagnetic fields with matter, and special relativity.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 441 - Electricity and Magnetism

Learning Outcomes

Title
Time-dependent Sources

Tags
205189, 1

Learning Outcome
Demonstrate the ability to calculate time-dependent electric fields using Faraday's law and the ability to calculate time-dependent magnetic fields using Maxwell's displacement current.

Title
Energy Densities

Tags
205190, 2

Learning Outcome
Demonstrate the ability to solve problems involving electric and magnetic energy densities and the Maxwell stress tensor.

Title
Electromagnetic Waves

Tags
205191, 3

Learning Outcome
Demonstrate the ability to use Maxwell's equations to solve problems involving electromagnetic waves in vacuum and in matter.

Title
Retarded Time

Tags
205192, 4

Learning Outcome
Demonstrate the ability to use the concept of retarded time to compute radiation potentials.

Title
Relativity

Tags
205193, 5

Learning Outcome
Demonstrate the ability to solve problems involving the special theory of relativity, including 4-vectors, form invariance, and the electromagnetic field tensor.

PHSCS 451 - Quantum Mechanics

Course Information

Teaching Area (new)
PHSCS

Course Number
451

Teaching Area
PHSCS

Course Title
Quantum Mechanics

Course Description
Analytical foundations of quantum mechanics.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 222 - Modern Physics
  AND PHSCS 318 - Introduction to Mathematical Physics

Learning Outcomes

Title
Concepts of Quantum Mechanics

Tags
205194, 1

Learning Outcome
Understand the mechanics of operators, eigenstates and eigenvalues. Learn how to build wave functions, estimate expectation values and standard deviations, and apply the Heisenberg uncertainty principle.

Title
Mathematical Techniques

Tags
205195, 2

Learning Outcome
Manipulate the Schrödinger equation to solve for wave functions.

Title
Solutions for Standard Potentials

Tags
205196, 3

Learning Outcome
Develop free-particle and bound-state solutions to the Schrödinger equation. (In particular, harmonic oscillator, infinite and finite square-well, finite barrier potentials…).

Title
Hydrogen

Tags
205197, 4

Learning Outcome
Construct simple solutions for Hydrogen atom, angular momentum and spin systems, atoms and solids.

PHSCS 452 - Applications of Quantum Mechanics

Course Information

Teaching Area (new)
PHSCS

Course Number
452

Teaching Area
PHSCS

Course Title
Applications of Quantum Mechanics

Course Description
Applications of quantum mechanics to atomic, molecular, statistical, condensed-matter, and nuclear physics; elementary particles.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 451 - Quantum Mechanics

Learning Outcomes

Title
Quantum systems

Tags
205198, 2

Learning Outcome
Apply techniques such as time-independent perturbation theory, variational methods, time-dependent perturbation theory, and scattering theory to quantum systems.

Title
Level Splitting

Tags
205199, 4

Learning Outcome
Describe and quantify fine, hyperfine, and Zeeman level splittings in atoms.

Title
Emission and Absorption

Tags
205200, 5

Learning Outcome
Characterize emission and absorption of radiation by atoms, and derive the associated selection rules.

Title
Scattering and Tunneling

Tags
205201, 7

Learning Outcome
Solve quantum scattering and tunneling problems.

PHSCS 461 - (Phscs-Me En) Introduction to Acoustics

Course Information

Teaching Area (new)
PHSCS

Course Number
461

Teaching Area
PHSCS

Course Title
(Phscs-Me En) Introduction to Acoustics

Course Description
Mathematical descriptions of physical phenomena in generation, propagation, and reception of acoustic waves. Fundamental acoustical instrumentation and analysis techniques. Application of physical principles and mathematical models to realistic problems.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 303 - Mathematics for Engineering 2
  AND PHSCS 121 - Introduction to Newtonian Mechanics

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 334 - Ordinary Differential Equations
  AND PHSCS 121 - Introduction to Newtonian Mechanics

Recommended

Phscs 123 or equivalent. Concurrent enrollment in Phscs 318 or equivalent

Learning Outcomes

Title
Acoustical Measurements and Reporting

Tags
205271, 1

Learning Outcome
Perform acoustical measurements, interpret the data, and document the results in the form of technical laboratory reports.

Title
Principles of Acoustics

Tags
205332, 0

Learning Outcome
Demonstrate a conceptual and mathematical understanding of acoustical phenomena, including source radiation, transmission, absorption, and reflection.

Title
Acoustical Calculations

Tags
205370, 2

Learning Outcome
Appropriately calculate various measures of sound, including sound pressure level, transmission loss, sound power, weighted levels, and noise criteria.

PHSCS 471 - Principles of Optics

Course Information

Teaching Area (new)
PHSCS

Course Number
471

Teaching Area
PHSCS

Course Title
Principles of Optics

Course Description
Electromagnetic wave phenomena, including polarization effects, interference, coherence, dispersion, ray theory, diffraction; introduction to quantum nature of light. Laboratory component emphasizes applications.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 302 - Mathematics for Engineering 1
  AND PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  AND PHSCS 220 - Introduction to Electricity and Magnetism

OR

Prerequisites

Complete ALL of the following Courses:

- MATH 314 - Calculus of Several Variables
  AND PHSCS 123 - Introduction to Waves, Optics, and Thermodynamics
  AND PHSCS 220 - Introduction to Electricity and Magnetism

Other Prerequisites
Math 303 or 334 or concurrent enrollment

Recommended
Phscs 318

Learning Outcomes

Title
Basic Optics Concepts

Tags
205202, 1

Learning Outcome
Use mathematical and conceptual descriptions of propagation of light in matter, reflection/transmission at boundaries, polarization effects, interference, dispersion, coherence, image formation, diffraction, and quantum aspects of light to analyze and predict optical phenomena.

Title
Mathematical Tools

Tags
205203, 5

Learning Outcome
Apply mathematical tools such as vector calculus, complex numbers, matrices, and Fourier transforms (1D and 2D) to optical problems.

Title
Lab Work

Tags
205304, 2

Learning Outcome
Manipulate and measure properties of light in a laboratory setting.

PHSCS 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
PHSCS

Course Number
477R

Teaching Area
PHSCS

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Physics and Astronomy

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

PHSCS 492R - Capstone Project in Applied Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
492R

Teaching Area
PHSCS

Course Title
Capstone Project in Applied Physics

Course Description
Conduct and report original research or appropriate creative work. Mentored career experience combining physics and the chosen area of interest.

Department
Physics and Astronomy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
0

Note
Project must be approved before registration or starting project.

Learning Outcomes

Title
Research and Write

Tags
205206, 1

Learning Outcome
Students will produce, in both verbal and written form, a report of what was accomplished in his or her capstone project.

PHSCS 497R - Research in Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
497R

Teaching Area
PHSCS

Course Title
Research in Physics

Course Description
Mentored research in physics or astronomy, with approval from a faculty advisor.

Department
Physics and Astronomy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Learning Outcomes

Title
Research and Write

Tags
205276, 1

Learning Outcome
Produce a written report in acceptable scientific style describing the results of this mentored research experience.

PHSCS 498R - Senior Thesis

Course Information

Teaching Area (new)
PHSCS

Course Number
498R

Teaching Area
PHSCS

Course Title
Senior Thesis

Course Description
Conduct and report research under a department faculty mentor or other professional.

Department
Physics and Astronomy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
0

Note
Thesis topic must be cleared by faculty member before registration.

Learning Outcomes

Title
Research

Tags
205291, 1

Learning Outcome
Perform significant research in physics or astronomy under the direction of a faculty or internship mentor.

Title
Ethics

Tags
205401, 3

Learning Outcome
Do the above within professional ethical standards.

Title
Writing

Tags
205404, 2

Learning Outcome
Present their research in a written document that follows professional standards in the field.

PHSCS 500 - (Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
PHSCS

Course Number
500

Teaching Area
PHSCS

Course Title
(Phscs-Chem-C S-Geol-Math-MthEd-Stat) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

PHSCS 502 - Job Search Strategies

Course Information

Teaching Area (new)
PHSCS

Course Number
502

Teaching Area
PHSCS

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Physics and Astronomy

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

PHSCS 513R - Special Topics in Contemporary Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
513R

Teaching Area
PHSCS

Course Title
Special Topics in Contemporary Physics

Course Description
Topics generally related to recent developments in physics.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Master Subject

Tags
205419, 1

Learning Outcome
Demonstrate the ability to achieve the learning outcomes of this trial course whose subject is variable.

PHSCS 522 - Introduction to Elementary Particles Physics

Course Information

Course Number
522

Teaching Area
PHSCS

Course Title
Introduction to Elementary Particles Physics

Course Description
Relativistic wave equations, symmetries, and conservation laws of classical field theories, connection with particle experiment, development of the standard model of particle physics.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 222 - Modern Physics
  AND PHSCS 318 - Introduction to Mathematical Physics
  AND PHSCS 321 - Mechanics

Learning Outcomes

Title
Become fluent in relativistic field theory

Learning Outcome
Be able to use and understand relativistic kinematics and relativistic field equations for particles of spin 0, spin 1/2, and spin 1

Title
Make connection with particle experiment

Learning Outcome
Be able to use decay rates and cross sections to experimentally verify particle phenomena

Title
Understand the structure of the standard model of elementary par

Learning Outcome
Be proficient in the characteristics of photons, leptons, quarks, neutrinos, gluons, weak vector bosons and the Higgs particle and understand the symmetries of the standard model and their physical consequences

Title
Simulate, analyze, and communicate high-energy physics research

Learning Outcome
Be knowledgeable and proficient in professional particle physics practices

PHSCS 529 - Advanced Observational Astronomy

Course Information

Teaching Area (new)
PHSCS

Course Number
529

Teaching Area
PHSCS

Course Title
Advanced Observational Astronomy

Course Description
Advanced techniques of observational astronomy, emphasizing knowledge and skills necessary to carry out observational scientific investigation in astronomy.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 427 - Stellar Astrophysics
  AND PHSCS 428 - Galaxies and Cosmology

Learning Outcomes

Title
Robotic and Remote telescopes

Tags
205240, 1

Learning Outcome
Program an observing schedule into a remote/robotic telescope system to acquire high quality data.

Title
Infared Observations

Tags
205270, 2

Learning Outcome
Process and analyze infrared astronomical data sets.

Title
Optical Astronomy

Tags
205274, 1

Learning Outcome
Reduce all-sky photometric astronomical data in multiple filters.

Title
Spectroscopic Observations

Tags
205324, 4

Learning Outcome
Reduce raw astronomical spectroscopic data to 1D wavelength calibrated stectra and calculate astrophysically important data from those spectra.

Title
Multi-wavelength Observations

Tags
205414, 5

Learning Outcome
Describe observing programs that require multi-wavelength observing programs.

Title
Radio Astronomy

Tags
205426, 3

Learning Outcome
Obtain, process, and analyze radio data on astronomical objects.

PHSCS530 - Computational Physics

Course Information

Course Number
530

Teaching Area
PHSCS

Course Title
Computational Physics

Course Description
Practical and theoretical aspects of computational physics. Theoretical foundations of computation. Numerical recipes for scientific computing. Best practices for scientific computing.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Prerequisites

Complete ALL of the following Courses:
- PHSCS 330 - Computational Physics Lab 2

Learning Outcomes

Title
Theoretical Foundations of Computation

Tags
214294, 0, 1, 2023-08-29 11:54:33

Learning Outcome
Understand the relationship of computational physics to the broader discipline of computer science, models of computation, and measures of computational complexity. Apply concepts of numerical stability, precision, and convergence to analyze algorithms.

Title
Numerical Recipes of scientific computing

Tags
214295, 0, 2, 2023-08-29 11:54:35

Learning Outcome
Be familiar with modern algorithms used in numerical linear algebra, integration and differentiation, Monte Carlo sampling, optimization, approximating solutions to differentiation equations, and Fourier analysis. Know the advantages and limitations of algorithms and how to determine whether an algorithm is appropriate for a particular task. Understand and remediate the complications that arise from finite precision arithmetic.

Title
Best practices for scientific computing

Tags
214296, 0, 3, 2023-08-29 11:54:37

Learning Outcome
Be familiar with best practices in code organization, documentation, and version control, particularly for collaborative projects and reproducible science.

PHSCS 540 - Electrical Engineering Principles and Practices for Physicists

Course Information

Teaching Area (new)
PHSCS

Course Number
540

Teaching Area
PHSCS

Course Title
Electrical Engineering Principles and Practices for Physicists

Course Description
Electronic instrumentation theory and methods. Computer aided circuit design and analysis with transforms, logic and computer simulation. Analog, digital, and discrete signal systems. Printed circuit design and system-on-a-chip creation.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Phscs 140, 145, 220; Math 303 or 334; ability to program in Matlab.

Learning Outcomes

Title
Mathematical modeling of electronic circuits & software simulation of circuits

Tags
205449, 1

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in the application of Laplace Transforms to passive and active analog circuits.
in SPICE simulation software for transistor and operational amplifier circuits.
in component level debug and repair.
in digital logic synthesis and reduction.

Title
Microcontroller implementation and programming

Tags
205450, 2

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in computing theory and microcontroller applications and programming.

Title
Synthesis of programmable logic

Tags
205451, 3

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in field programmable gate array (FPGA) configuration, application, and the notion of a system on a chip (SoC).

Title
Circuit manufacturing and packaging skills

Tags
205452, 4

Learning Outcome
Students will acquire introductory skill in topics advanced for typical physics curriculum
in computer aided design (CAD) for printed circuits, soldering, manual chassis wiring, and the use of sheet metal for constructing electronic chassis.
in thru hole and surface mount technology assembly and repair, including high pin count, high pin pitch parts.

PHSCS 545 - Introduction to Plasma Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
545

Teaching Area
PHSCS

Course Title
Introduction to Plasma Physics

Course Description
Introduction to plasma physics, including single-particle motion and both fluid and kinetic models of plasma behavior.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHSCS 321 - Mechanics
  AND PHSCS 441 - Electricity and Magnetism

Learning Outcomes

Title
Kinetic Theory and Nonlinear Effects

Tags
205256, 3

Learning Outcome
Solve problems and answer conceptual questions involving the kinetic theory of plasmas and nonlinear effects.

Title
Particle and Fluid Descriptions

Tags
205335, 1

Learning Outcome
Solve problems and answer conceptual questions involving both the single-particle and the fluid descriptions of a plasma.

Title
Waves

Tags
205409, 1

Learning Outcome
Describe and characterize the various waves found in a plasma.

Title
Equilibrium and Stability

Tags
205418, 2

Learning Outcome
Determine the equilibrium and evaluate the stability of simple plasma configurations.

PHSCS 560 - Acoustical Measurement Methods

Course Information

Teaching Area (new)
PHSCS

Course Number
560

Teaching Area
PHSCS

Course Title
Acoustical Measurement Methods

Course Description
Acoustics-based data acquisition and signal processing in the time and frequency-domain domains. Use of acoustical measurement standards. Preparation of technical memoranda.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

PHSCS 561 - (Phscs-Me En) Fundamentals of Acoustics.

Course Information

Teaching Area (new)
PHSCS

Course Number
561

Teaching Area
PHSCS

Course Title
(Phscs-Me En) Fundamentals of Acoustics.

Course Description
Vibrating systems, elastic media, mechanical energy, and radiation. Sound generation, transmission, reflection, and reception.

Department
Physics and Astronomy

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 318 or equivalent; Phscs 461 or concurrent enrollment.

Recommended
Phscs 318, 321; or equivalents

Learning Outcomes

Title
Vibrations

Tags
205342, 1

Learning Outcome
Understand physical phenomena underlying vibrations of solids, including damping, driven systems, coupled oscillators, impedance, boundary conditions, elasticity, and longitudinal, transverse, and torsional waves. Apply physical models to quantify vibrations in strings, rods, membranes, beams, plates.

Title
Sound

Tags
205382, 1

Learning Outcome
Understand physical phenomena underlying sound propagation including energy, intensity, plane waves, standing waves/normal modes, Helmholtz resonators, reflection, transmission, refraction, and absorption. Apply the acoustic wave equation in one, two, and three dimensional systems.

Title
Communication

Learning Outcome
Communicate effectively with others in the class as you work together to learn the material and solve problems. Practice respect and professionalism in your communications both oral and written as you work in groups on the assignments.

PHSCS 571 - Lasers and Atoms

Course Information

Teaching Area (new)
PHSCS

Course Number
571

Teaching Area
PHSCS

Course Title
Lasers and Atoms

Course Description
Laser amplification, cavity design, and control and characterization of temporal and spatial modes. Interactions between lasers and atoms.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 451, 471; or equivalents.

Learning Outcomes

Title
Light-matter Interactions

Tags
205272, 3

Learning Outcome
Describe interactions of light and matter within a semi-classical two-level-atom framework.

Title
Laser Design

Tags
205316, 1

Learning Outcome
Design stable laser resonators, frequency-locking feedback systems, and pulsed-output mode-locking systems.

Title
Atomic Properties

Tags
205340, 4

Learning Outcome
Compute cross sections and selection rules for transitions in hydrogen.

Title
Physics of Lasers

Tags
205359, 2

Learning Outcome
Compute cavity threshold gain, optimal output coupling, and gain saturation.

Title
Measuring Laser Characteristics

Tags
205371, 1

Learning Outcome
Measure durations of femtosecond pulses and the line width and center frequency of frequency-stabilized sources.

PHSCS 580 - Theory of Predictive Modeling

Course Information

Course Number
580

Teaching Area
PHSCS

Course Title
Theory of Predictive Modeling

Course Description
Mathematical, computational, and philosophical foundations of machine learning and its dual problem, control. Introduction to system identification, causality, uncertainty, model. approximation, and information geometry

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

No Requirements

Learning Outcomes

Title
Problem Formulation

Tags
214288, 0, 1, 2023-08-29 11:53:22

Learning Outcome
Precisely formulate, and understand the distinction between, mathematical learning and control problems. This outcome is Intellectually Enlarging because it requires the rigorous mental discipline and logical clarity necessary to define and categorize complex systems.

Title
Solution Techniques

Tags
214289, 0, 2, 2023-08-29 11:53:24

Learning Outcome
Be familiar with common methods for solving learning problems. Note the role of optimization as a method for separating solution design from specific computational methods, and understand the role of key ideas like gradient descent and convexity. This fulfills the Intellectually Enlarging aim by helping students master the technical depth of gradient descent and convexity within their professional practice.

Learning Outcome
Be familiar with a rich collection of model classes used in a wide variety of disciplines. Explore one area deeply in the construction of a specific, predictive model as part of a semester-long project. This supports Lifelong Learning and Service by training students to "go forth to serve" as they apply their predictive expertise to solve meaningful problems in the broader community.

Title
System Identification

Tags
214290, 0, 3, 2023-08-29 11:53:26

Learning Outcome
Apply learning techniques to model classes of controlled dynamical systems. Understand notions of data informativity, model identifiability, and the spectrum of model classes linking phenomenological (black box) and mechanistic (white box) models.

Title
Limitations

Tags
214291, 0, 4, 2023-08-29 11:53:27

Learning Outcome
Understand how uncertainty is modeled and its role in learning and control problems. Be familiar with ways in which machine learning fails. This builds Character by fostering the integrity and responsibility required to acknowledge the boundaries of technical solutions and manage the risks of failure.

Title
Model Approximation

Tags
214292, 0, 5, 2023-08-29 11:53:29

Learning Outcome
Understand the ideas of coarse-graining, universality classes, the renormalization group, and other methods for approaching model approximation. Understand information geometry and be able to apply the model boundary approximation method for a class of models.

Title
Application

Tags
214293, 0, 6, 2023-08-29 11:53:31

PHSCS 581 - Solid-State Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
581

Teaching Area
PHSCS

Course Title
Solid-State Physics

Course Description
Introduction to the physics of solids. Crystal structure and symmetry, X-ray diffraction, lattice vibrations, metals and semiconductors, superconductivity, thermal properties, magnetic properties, and dielectric and optical properties.

Department
Physics and Astronomy

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 222 or equivalent

Learning Outcomes

Title
Basic Concepts in Condensed Matter Physics

Tags
205260, 1

Learning Outcome
Explain the following basic concepts underlying the topics in solid state physics: (1) crystal symmetry, (2) reciprocal lattice and the first Brillouin zone in k-space, and (3) the quantum behavior of electrons, Pauli's exclusion principle, and the Fermi-Dirac distribution function.

Title
Physical Properties of Solids

Tags
205298, 1

Learning Outcome
Use these basic concepts to explain crystal structure, x-ray diffraction, lattice vibrations, behavior of electrons in metals and semiconductors, and thermal, magnetic, dielectric and optical properties of materials.

Title
Solve Problems

Tags
205375, 2

Learning Outcome
Show their understanding of these topics and their underlying concepts by solving problems using a variety of mathematical tools.

PHSCS 583 - Physics of Nanostructures, Surfaces, and Interfaces

Course Information

Teaching Area (new)
PHSCS

Course Number
583

Teaching Area
PHSCS

Course Title
Physics of Nanostructures, Surfaces, and Interfaces

Course Description
Properties of nanostructures, surfaces, and interfaces; experimental methods. Applications to emerging problems and opportunities in science and technology. Emphasis on concepts.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 222 or equivalent

Recommended
Phscs 281 or 581 or equivalent; Phscs 451 or Chem 462 or equivalent.

Learning Outcomes

Title
Demonstrate knowledge

Tags
205456, 2

Learning Outcome
Students will demonstrate knowledge in nano and surface physics.

Title
Deepen understanding

Tags
205457, 1

Learning Outcome
Students will deepen their understanding of nano and surface physics.

Title
Improve ability to solve problems

Tags
205458, 3

Learning Outcome
Students will improve their ability to solve problems using nano and surface physics.

PHSCS 585 - Thin-Film Physics

Course Information

Teaching Area (new)
PHSCS

Course Number
585

Teaching Area
PHSCS

Course Title
Thin-Film Physics

Course Description
Preparation, characterization, use, and special properties of modern thin films; interdisciplinary treatment. Of interest to students in applied physics and engineering.

Department
Physics and Astronomy

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Phscs 222 or equivalent

Learning Outcomes

Title
Thin Film Basics

Tags
205255, 1

Learning Outcome
Solve problems and answer conceptual questions, utilizing the graphs, figures and photographs of thin film material science, about structural and chemical aspects of thin films in relation to their environment.

Title
Solve Problems

Tags
205331, 1

Learning Outcome
Solve problems and answer conceptual questions involving deposition and characterization of films, and explain which ones that best match resources and requirements.

PHSCS 586 - Transmission Electron Microscopy for Physical Science and Engineering

Course Information

Teaching Area (new)
PHSCS

Course Number
586

Teaching Area
PHSCS

Course Title
Transmission Electron Microscopy for Physical Science and Engineering

Course Description
Practical and theoretical aspects of sample preparation, basic and advanced imaging, electron diffraction, and other analytical materials characterization techniques on the transmission electron microscope (TEM).

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Images

Tags
205247, 1

Learning Outcome
Use the TEM to acquire different types of images and diffraction patterns of various materials.

Title
How the TEM works

Tags
205333, 2

Learning Outcome
Demonstrate a working knowledge of the physical components of the TEM and peripheral equipment.

Title
Alignment

Tags
205388, 1

Learning Outcome
Perform basic, necessary alignments of the transmission electron microscope (TEM).

Title
TEM Research

Tags
205423, 3

Learning Outcome
Show understanding of the theory and practice of electron imaging, electron diffraction and X-ray energy dispersive spectrometry, as how they apply to the characterization of materials.

PHSCS 587 - Physics of Semiconductor Devices

Course Information

Teaching Area (new)
PHSCS

Course Number
587

Teaching Area
PHSCS

Course Title
Physics of Semiconductor Devices

Course Description
Device physics, with an in-depth study of the MOS transistor and other nanoscale computing devices.

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PHSCS 281 - Principles of Solid State Physics

OR

Prerequisites

Complete ALL of the following Courses:

- PHSCS 581 - Solid-State Physics

OR

Prerequisites

Complete ALL of the following Courses:

- EC EN 450 - Introduction to Semiconductor Devices

Learning Outcomes

Title
Fundamental Mechanisms

Tags
205284, 1

Learning Outcome
Identify the fundamental mechanisms and models of these mechanisms controlling the operation of semiconductor devices.

Title
Learn the Literature

Tags
205318, 2

Learning Outcome
Find, read, and utilize contemporary semiconductor device physics literature to write reviews of this literature.

Title
Analyze Devices

Tags
205397, 1

Learning Outcome
Apply the fundamental mechanisms and models to the analysis of devices such as silicon mosfets, silicon on insulator transistors, carbon nanotube transistors, and graphene transistors.

PHSCS 588 - Scanning Electron Microscopy (SEM) for Physical Science and Engineering

Course Information

Teaching Area (new)
PHSCS

Course Number
588

Teaching Area
PHSCS

Course Title
Scanning Electron Microscopy (SEM) for Physical Science and Engineering

Course Description
Theoretical aspects of sample preparation, basic and advanced imaging, X-ray energy dispersive spectrometry, and other analytical materials characterization techniques on the scanning electron microscope (SEM).

Department
Physics and Astronomy

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

PHSCS 599R - Academic Internship

Course Information

Teaching Area (new)
PHSCS

Course Number
599R

Teaching Area
PHSCS

Course Title
Academic Internship

Course Description
Cooperative education internships off campus.

Department
Physics and Astronomy

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Department internship coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Report

Tags
205373, 0

Learning Outcome
Student will report, both verbally and in writing, what he or she learned from the internship experience.

PHY S 100 - Physical Science

Course Information

Teaching Area (new)
PHY S

Course Number
100

Teaching Area
PHY S

Course Title
Physical Science

Course Description
Conceptual lectures and demonstrations of the most significant and universal laws and models describing the physical world by faculty from the Physics and Astronomy, Chemistry and Biochemistry, and Geology departments.

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Note
Satisfies GE Physical Science requirement. Help is available for multicultural students. See instructor. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Further Scientific Questions

Tags
205310, 3

Learning Outcome
Students will be able to explain how these principles and models in turn lead to further scientific questions.

Title
Express Scientific Ideas

Tags
205421, 1

Learning Outcome
Students will be able to express their thoughts (in oral, graphical, and written formats) on scientific topics clearly, including appropriate use of basic scientific vocabulary and effective interpretation of quantitative data.

Title
Observe and Apply Physical Principles

Tags
206525, 0

Learning Outcome
Students will be able to observe physical phenomena and recognize and apply the fundamental principles of science to these simple physical situations.They will also be able to extend these principles and models to situations they have not observed and make predictions about the outcomes.

Title
Public Policy

Tags
206540, 3

Learning Outcome
Students will be able to evaluate scientific data and claims in order to make rational decisions on public policy issues related to science that affect them and their communities.

Title
Science and Religion

Tags
206542, 2

Learning Outcome
Students will be able to rationally reflect and discuss about the interface between science and religion.

PHY S 276 - Exploration of Teaching

Course Information

Teaching Area (new)
PHY S

Course Number
276

Teaching Area
PHY S

Course Title
Exploration of Teaching

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
FBI fingerprint and background clearance

Learning Outcomes

Title
Complete 40 hours of classroom observation

Tags
205906, 2

Learning Outcome
Engage in the exploration of teachers and students in the public school to come to a conclusion if teaching physical science is a career path you want to pursue.

Title
Guiding Principles

Tags
205937, 1

Learning Outcome
Students will become familiar with the four moral dimensions of education as outlined by the McKay School of Education

Title
Complete all transition points in transition points.

Tags
205938, 3

Learning Outcome
Complete transitions forms in McKay School date collection program.

Transition 1 (276 Course)
Transition 2 (377-378 Course)
Transition 3 (476-496 Student Teaching and Internship)

PHY S 312 - Teaching Science with Technology

Course Information

Course Number
312

Teaching Area
PHY S

Course Title
Teaching Science with Technology

Course Description
Teaching Science with Technology and Engineering focuses on the technology and engineering applications of STEM and how they can be used in science courses in particular by preservice teachers to help students learn and understand content. We review frameworks and practices that help teachers optimally engage their students in authentic design and activities that provide context to science. We study emerging technologies with immediate application and relevance to High school students. The course is framed within three different projects rooted in 3D printing and design, programming, and using artificial intelligence for teaching.

Department
Physics and Astronomy

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PHY S 276 - Exploration of Teaching

Learning Outcomes

Title
Technology Foundations

Learning Outcome
• The preservice teachers will become proficient with the educational technology framework of PICRAT and PCK for Tech

Title
Experiential Engineering Design

Learning Outcome
• Ability to develop and engage in lessons built on engineering design

Title
Evaluating Technology

Learning Outcome
• The ability to evaluate technology use in the classroom (affordances and strengths), identify technology resources, and participate in online communities

Title
Ethics

Learning Outcome
• A familiarity with the ethical uses and practice of technology and online resources in the classroom

Title
Technology Pedagogy

Learning Outcome
• The ability to design learning opportunities that use technology and engineering practices to enhance science learning for their future students

PHY S 377 - Teaching Methods and Instruction

Course Information

Teaching Area (new)
PHY S

Course Number
377

Teaching Area
PHY S

Course Title
Teaching Methods and Instruction

Course Description
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PHY S 276 - Exploration of Teaching

Learning Outcomes

Title
Develop a Unit Plan of Secondary Science Instruction

Tags
205907, 1

Learning Outcome
Using Science Standards as a quide develop Assessments, Lesson Plans, Outlines, and all parts of a unit of science instruction.

Title
Introduction to different teaching styles

Tags
205908, 2

Learning Outcome
Inquiry, Constructivism, Lab, Activities, Projects and other methods to engage students in learning. These teaching methods will be modeled and practiced by the students.

Title
Transition 2 completed

Tags
205909, 3

Learning Outcome
Students will complete Transition 2 level toward teaching license.

PHY S 378 - Practicum in Secondary Education

Course Information

Teaching Area (new)
PHY S

Course Number
378

Teaching Area
PHY S

Course Title
Practicum in Secondary Education

Course Description
Implementing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Concurrent enrollment in Phy S 377

Learning Outcomes

Title
Teach unit prepared in PHY S 377

Tags
205910, 1

Learning Outcome
30 practicum hours where you teach a unit of instruction with guidance public school mentor.

PHY S 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
PHY S

Course Number
476

Teaching Area
PHY S

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Chemistry and Biochemistry

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Student Teaching Transition 3

Tags
205940, 1

Learning Outcome
Have (TWS) teacher work sample complete and handed in two weeks before reading days of sememster.
Sign all mylink forms for teacher licensure completed. Mentor teacher UPTOP and University UPTOP evauations.

PHY S 496 - Academic Internship: Secondary Education

Course Information

Teaching Area (new)
PHY S

Course Number
496

Teaching Area
PHY S

Course Title
Academic Internship: Secondary Education

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Chemistry and Biochemistry

When Taught
Fall

Credit Hours

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, a least a C grade in all major and minor courses; FBI fingerprint background clearance.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship Transition 3

Tags
205941, 1

Learning Outcome
Have (TWS) teacher work sample complete and handed in two weeks before reading days of sememster.
Sign all mylink forms for teacher licensure completed. Mentor teacher UPTOP and University UPTOP evauations.

PLANG 270 - Introduction to the Language Industry

Course Information

Teaching Area (new)
PLANG

Course Number
270

Teaching Area
PLANG

Course Title
Introduction to the Language Industry

Course Description
Introduction to the Language Industry, including translation, localization, interpretation, multilingual desktop publishing, and other related language services.\n

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Advanced proficiency in a foreign language

PLANG 380 - Computer-Assisted Translation

Course Information

Teaching Area (new)
PLANG

Course Number
380

Teaching Area
PLANG

Course Title
Computer-Assisted Translation

Course Description
Exploration of computer-assisted translation technology and how it is used to solve problems concerning translation quality, speed, and freedom of content.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Translation & Localization Minors and Spanish Translation Majors only. Complete 1 of the following: PLANG 414, SPAN 360, SPAN 370, CHIN 327 or FREN 414.

Recommended
DIGHT 270; PLANG 270

Learning Outcomes

Title
Analysis & Application of Translation Tools

Tags
209947, 0, 1

Learning Outcome
Analyze the benefits/challenges of different translation solutions and manage projects using those tools.

Title
Future of Translation Technology

Tags
209948, 0, 2

Learning Outcome
Discuss the possible future of translation technology, including future applications of existing technology and future development of new technologies, drawing on class assignments and a personal project.

Title
Bi-text Corpora

Tags
209949, 0, 3

Learning Outcome
Create a bi-text corpus and derive translation memory and terminology from that bi-text corpus.

Title
Translation Project

Tags
209950, 0, 4

Learning Outcome
Use machine translation, translation memory, and terminology in conjunction with a translation environment tool to complete a translation project according to the the project's specifications (text type, audience, and purpose).

PLANG 399R - Translation & Localization Internship

Course Information

Teaching Area (new)
PLANG

Course Number
399R

Teaching Area
PLANG

Course Title
Translation & Localization Internship

Course Description
Off-campus internship experience in the field of Translation & Localization.

Department
Language Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
For students in the Translation & Localization Minor and the Spanish Translation Major
Approval from course instructor required.

Recommended
PLANG 270, PLANG 380, PLANG 460, PLANG 470

Note
An APPROVED Internship Application is required before adding. Students should meet with advisor in Liberal Arts Advisement & Careers to discuss internship options before registering for course. https://sa.byu.edu/psp/ps/EMPLOYEE/HRMS/c/Y_INTERNSHIP_STUDENT.Y_INT_WELCOME.GBL?nb

Learning Outcomes

Title
Understanding of key competencies in professional contexts

Tags
209954, 0, 1

Learning Outcome
Students will be able to identify, through evidence-based narrative, professional competencies in the translation and localization context.

Title
Demonstrating the added value of professional development experience

Tags
209955, 0, 2

Learning Outcome
Students will be able to translate the value of their professional development experience through an evidence-based story of what they offer future employers.

PLANG 414 - Introduction to Translation

Course Information

Teaching Area (new)
PLANG

Course Number
414

Teaching Area
PLANG

Course Title
Introduction to Translation

Course Description
Readings, individual research projects, and group translation activities. Introduction to the translation profession. Development of the ability to read texts critically and translate general texts in a variety of professional domains.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Advanced proficiency in a foreign language

Recommended
DIGHT 270; PLANG 270

Learning Outcomes

Title
Connecting Learning to Life: Industry Knowledge

Tags
211198, 0, 3

Learning Outcome
Demonstrate an undertanding of the translation industry, including questions of localization and domain.

Title
Critical Thinking and Expression : Method of Translation

Tags
211196, 0, 1

Learning Outcome
Explain and apply genre-specific methods (e.g. discourse analysis, functional adequacy) for resolving common translation problems (e.g., challenges of figurative language, rhetorical patterns).

Title
Critical Thinking and Expression: Evaluation

Tags
211197, 0, 2

Learning Outcome
Demonstrate the ability to evaluate translation quality according to criteria such as conformity to specifications (e.g. audience, translator's purpose).

PLANG 460 - Software Localization

Course Information

Teaching Area (new)
PLANG

Course Number
460

Teaching Area
PLANG

Course Title
Software Localization

Course Description
Exploration of the technology and challenges behind creating multilingual software, including multilingual input and Unicode, dictionaries, managing string resources, and localization testing.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 380 - Computer-Assisted Translation

Other Prerequisites
For students in the Translation & Localization Minor

Recommended
DIGHT 270; PLANG 270

Learning Outcomes

Title
Triage & Troubleshoot

Tags
209951, 0, 1

Learning Outcome
Triage and troubleshoot platform-specific challenges.

Title
String Resources Management

Tags
209952, 0, 2

Learning Outcome
Manage string resources for software projects efficiently, including version control, string externalization, locale-specific string management, and bilingual/monolingual string resource files.

Title
Human-centered Approach

Tags
209953, 0, 3

Learning Outcome
Apply a human-centered approach to identifying localized software requirements.

PLANG 480 - Advanced Systems and Artificial Intelligence (AI) Use in Translation

Course Information

Teaching Area (new)
PLANG

Course Number
480

Teaching Area
PLANG

Course Title
Advanced Systems and Artificial Intelligence (AI) Use in Translation

Course Description
Advanced exploration of how artificial intelligence (AI) and computer-assisted translation technologies are used to solve problems in translation quality, speed, and range of content domains.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 380 - Computer-Assisted Translation

Other Prerequisites
For students in the Translation & Localization Minor

Recommended
PLANG 380

Learning Outcomes

Title
Bilingual Corpus

Tags
211705, 0, 1

Learning Outcome
Utilize a bilingual corpus to train a custom machine translation engine.

Title
XML Files Format Standards

Tags
211706, 0, 2

Learning Outcome
Gain an in-depth understanding of XML-based industry file-format standards.

Title
Translation Memory & Terminology Skills

Tags
211707, 0, 3

Learning Outcome
Refine translation memory and terminology management skills within industry tools.

Title
Regular Expressions

Tags
211708, 0, 4

Learning Outcome
Demonstrate proficiency with Regular Expressions.

PLANG 505 - Professional Language Program Seminar

Course Information

Teaching Area (new)
PLANG

Course Number
505

Teaching Area
PLANG

Course Title
Professional Language Program Seminar

Course Description
Introductory seminar for newly admitted Professional Language MA students.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Professional Language MA program.

PLANG 511 - Advanced Professional Language: Speaking

Course Information

Teaching Area (new)
PLANG

Course Number
511

Teaching Area
PLANG

Course Title
Advanced Professional Language: Speaking

Course Description
Advanced-level speaking and conversational development in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Professional Language MA.

PLANG 520 - Advanced Professional Language: Reading & Writing

Course Information

Teaching Area (new)
PLANG

Course Number
520

Teaching Area
PLANG

Course Title
Advanced Professional Language: Reading & Writing

Course Description
Advanced-level reading and writing development in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the Professional Language MA.

PLANG 530 - Receptive Language Skills: Domain Specialization

Course Information

Teaching Area (new)
PLANG

Course Number
530

Teaching Area
PLANG

Course Title
Receptive Language Skills: Domain Specialization

Course Description
Domain-specific reading and listening development in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance to the Professional Language MA.

PLANG 540 - Professional Language: Project Management

Course Information

Teaching Area (new)
PLANG

Course Number
540

Teaching Area
PLANG

Course Title
Professional Language: Project Management

Course Description
Project management using appropriate planning procedures and technology for specified professional domain and target language.\n

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 380 - Computer-Assisted Translation

Other Prerequisites

Acceptance to the Professional Language MA OR instructor approval for students in the Translation and Localization minor

Learning Outcomes

Title
Project Management Application

Tags
211701, 0, 1, 2022-01-24 14:34:38

Learning Outcome
Will demonstrate the ability to manage project schedules, costs, quality, and risks.

Title
Project Management Planning

Tags
211702, 0, 2, 2022-01-24 14:34:38

Learning Outcome
Will be able to construct language project-management plans appropriate for one’s domain.

Title
Proficiency in Project Management Software

Tags
211703, 0, 3, 2022-01-24 14:34:38

Learning Outcome
Will be able to use project management software (MS Project, Asana, Workfront, Smartsheet, etc.).

PLANG 551 - Superior Professional Language: Speaking

Course Information

Teaching Area (new)
PLANG

Course Number
551

Teaching Area
PLANG

Course Title
Superior Professional Language: Speaking

Course Description
Advanced-level speaking and conversational development in the target language.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 511 - Advanced Professional Language: Speaking

Other Prerequisites
Acceptance into the Professional Language MA.

PLANG 580 - Productive Language Skills: Domain Specialization

Course Information

Teaching Area (new)
PLANG

Course Number
580

Teaching Area
PLANG

Course Title
Productive Language Skills: Domain Specialization

Course Description
Domain-specific speaking & writing development in the target language.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PLANG 530 - Receptive Language Skills: Domain Specialization

Other Prerequisites
Acceptance to the Professional Language MA.

POLI 110 - American Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
110

Teaching Area
POLI

Course Title
American Government and Politics

Course Description
Origin and development of federal Constitution; national, state, and local governments and politics.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Analyze and Contextualize Current Events

Tags
184538, 0

Learning Outcome

Analyze current events in American politics using Political Science concepts.

Title
Describe Constitutional Provisions

Tags
184539, 1

Learning Outcome

Describe the most important constitutional provisions in American national government and how they have changed over time.

Title
Explain Individuals' Roles in American Government

Tags
184540, 2

Learning Outcome

Explain the role individuals play in American government and what factors influence their behavior.

Title
Assess American Political Institutions

Tags
184541, 3

Learning Outcome

Assess the functions and interactions of American political institutions.

Title
Learn to Participate Effectively in Political Process

Tags
184542, 4

Learning Outcome

Evaluate how you as an individual can effectively participate in the political process.

POLI 150 - Comparative Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
150

Teaching Area
POLI

Course Title
Comparative Government and Politics

Course Description
Patterns of European, Asian, Latin American, and other political systems.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Faith and Political Analysis

Tags
184191, 3

Learning Outcome
Reflect on the way that your faith speaks to your opinions and political participation

Title
Deeper Understanding

Tags
184192, 4

Learning Outcome
Define and recall fundamental facts, actors, processes and concepts relating to comparative politics, while developing expertise in one or more countries

Title
Critical Thinking and Analysis

Tags
184543, 1

Learning Outcome
Elaborate and critique theoretical arguments about the causes of democracy and autocracy, electoral behavior, economic development, and other important topics in comparative politics.

Title
Sophisticated Use of Evidence

Tags
183708, 1

Learning Outcome
Measure phenomena and evaluate evidence that addresses important questions in comparative politics.

Title
Effective Communication

Tags
184095, 3

Learning Outcome
Write and speak in a manner that is clear, professional, and respectful.

Title
Faith and Political Analysis

Tags
184118, 5

Learning Outcome
Reflect on the ways in which science and faith work together.

POLI 170 - Introduction to International Politics

Course Information

Teaching Area (new)
POLI

Course Number
170

Teaching Area
POLI

Course Title
Introduction to International Politics

Course Description
Basic forces, practices, institutions, and foreign policies of major powers; problem areas in international politics.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Faith and Political Analysis

Learning Outcome
Reflect on the ways in which science and faith work together.

Title
Deeper Understanding

Learning Outcome
Define and recall fundamental facts, actors, processes and concepts relating to international relations

Title
Critical Thinking and Analysis

Learning Outcome
Elaborate and critique theoretical arguments about cause and effect in war, cooperation and other important topics in international relations.

Title
Sophisticated Use of Evidence

Learning Outcome
Evaluate and assess evidence that addresses important questions in international relations.

Title
Effective Writing

Learning Outcome
Write in a manner that is professional, sophisticated, thoughtful and temperate.

POLI 200 - Political Inquiry

Course Information

Teaching Area (new)
POLI

Course Number
200

Teaching Area
POLI

Course Title
Political Inquiry

Course Description
Methodology of political science, including theory and techniques of qualitative and quantitative research design.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Note
Prerequisite to all upper-division courses.

Learning Outcomes

Title
Faith and Political Analysis

Tags
183712, 1

Learning Outcome
Reflect on the ways in which science and faith work together.

Title
Explore and understand existing research

Tags
183914, 4

Learning Outcome
Find, read, critically evaluate, and synthesize existing social science research as a basis for developing new research projects.

Title
Develop research designs

Tags
183968, 5

Learning Outcome
Formulate well-developed research questions and research designs that will produce new knowledge.

Title
Articulate theoretical arguments

Tags
183980, 0

Learning Outcome
Elaborate theoretical arguments about cause and effect in social science.

Title
Understand hypothesis testing

Tags
184017, 0

Learning Outcome
Construct, evaluate, and test hypotheses using qualitative, quantitative, and experimental methods.

Title
Effective Writing

Learning Outcome
Write in a professional, academic way.

POLI 201 - Western Political Heritage 1

Course Information

Teaching Area (new)
POLI

Course Number
201

Teaching Area
POLI

Course Title
Western Political Heritage 1

Course Description
Western civilization from Greek antiquity to Renaissance, primarily from perspective of political philosophy and scriptures; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at "https://is.byu.edu/catalog/POLI-201-M003"

Learning Outcomes

Title
Promoting the Dual Heritage of Scholarship and Faith

Tags
184183, 1

Learning Outcome
Apply the insights of classical political philosophy to embrace the spiritual and intellectual aims of BYU education and defend them against the influence of relativism and reductionist scientism.

Title
Learning Lifelong Values and Habits

Tags
184184, 2

Learning Outcome
Cultivate intellectual and moral virtues that allow us to rise above extreme and unreasonable political passions.

Title
Critical Thinking and Analysis

Tags
184185, 3

Learning Outcome
Articulate both the rivalry and the partnership between Christian faith and reason, the permanent truths and enduring questions of a civilization built Jerusalem and Athens.

Title
Defending the Sources of Virtue and True Happiness

Tags
184186, 4

Learning Outcome
Be able to defend the sources of virtue and true happiness available in nature and reason as well as faith and revelation.

Title
Discerning the Mutual Influence of the City and the Soul

Tags
184187, 5

Learning Outcome
Discern the mutual influence of "the city and the soul," political norms on the one hand and moral and religious convictions on the other.

Title
Articulate theological foundations

Tags
184188, 6

Learning Outcome
Articulate theological foundations of moral agency antedating and supporting the Restoration, as well as the ongoing tension between shared religious truth and individual freedom.

POLI 202 - Western Political Heritage 2

Course Information

Teaching Area (new)
POLI

Course Number
202

Teaching Area
POLI

Course Title
Western Political Heritage 2

Course Description
Western civilization from Renaissance to present, primarily from perspective of political philosophy; exploring fundamental questions in human experience; examining formative events in history; understanding value of important texts.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Sacred Texts and Doctrine

Tags
184201, 1

Learning Outcome
Possess a command of sacred texts and doctrines gained by completing the University's religion course requirements.

Title
Faith and Political Analysis

Tags
184202, 2

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184203, 3

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184204, 4

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184205, 5

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective Oral Communication

Tags
184206, 6

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis

Tags
184207, 7

Learning Outcome
Think critically, analytically, and synthetically.

Title
Be spiritually strengthened

Tags
183714, 1

Learning Outcome
Possess a command of sacred texts and doctrines

Title
Critical Thinking and Analysis

Tags
183930, 7

Learning Outcome
Students will see the practical consequences of abstract philosophical ideas

Title
Politics, International Relations, and Political Philosophy

Tags
183936, 2

Learning Outcome
Students will recognize and intelligently employ a wide array of sophisticated philosophical and political terms

Title
Critical Thinking and Analysis

Tags
183974, 6

Learning Outcome
Students will become critically aware of how now conventional assumptions derived from modern philosophers limit much current thought and challenge revealed truth.

Learning Outcome
Students will be able to summarize and independently critique important political-philosophical arguments, and write about them in a clear and convincing fashion

Title
Faith and Political Analysis

Tags
183979, 8

Learning Outcome
Students will think more deeply, coherently and originally about their own moral and political commitments

Title
Critical Thinking and Analysis

Tags
184154, 3

Learning Outcome
Students will understand the main ideas of each author considered, and be able to compare and contrast the various authors

Title
Politics, International Relations, and Political Philosophy

Tags
184047, 1

Learning Outcome
Students will understand both the power and limitations of the intellectual and spiritual traditions that constitute the modern half of our Western heritage.

Title
Politics, International Relations, and Political Philosophy

Tags
184066, 4

Learning Outcome
Students will recall the basic intellectual/cultural milieu and chronological sequence of each author

Title
Politics, International Relations, and Political Philosophy

Tags
184116, 0

Learning Outcome
Students will become familiar with the main themes and major authors of modern political philosophy.

Title
Critical Thinking and Analysis

Tags
184141, 5

POLI 210 - Principles of American Politics

Course Information

Teaching Area (new)
POLI

Course Number
210

Teaching Area
POLI

Course Title
Principles of American Politics

Course Description
An introduction to the subfield of American politics for advanced students and majors. Basic concepts, theories, and methods of American politics and political science.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183723, 1

Learning Outcome
Understand important theoretical traditions in the study of (American) politics.

Title
Be intellectually enlarged

Tags
183724, 2

Learning Outcome
Demostrate a familiarity with American politics and political philosophy

Title
Critical Thinking and Analysis

Tags
184065, 2

Learning Outcome
Apply theories of politics to explain current practices in American Politics.

Title
Effective and Professional Writing

Tags
184145, 1

Learning Outcome
Craft your own effective and insightful argument using clear and engaging prose that is analytically sound.

POLI 249R - Introductory Topics in Politics

Course Information

Teaching Area (new)
POLI

Course Number
249R

Teaching Area
POLI

Course Title
Introductory Topics in Politics

Course Description
Special topics course; unique topic for each section is chosen by the professor.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Topics in Political Science

Tags
184490, 1

Learning Outcome
Students will gain further understanding of topic related to a specific area of political science (topics vary by semester).

POLI 250 - Principles of Comparative Politics

Course Information

Teaching Area (new)
POLI

Course Number
250

Teaching Area
POLI

Course Title
Principles of Comparative Politics

Course Description
An introduction to the subfield of comparative politics for advanced students and majors. Basic concepts, theories, and methods of comparative politics and political science.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Be intellectually enlarged

Tags
183748, 1

Learning Outcome
Demonstrates a familarity with comparative politics

Title
Politics, International Relations, and Political Philosophy

Tags
184013, 2

Learning Outcome
Thus, you will deepen your familiarity with the research traditions and theoretical paradigms of comparative politics and of political science more broadly.

Title
Political Process, Theory, and Thought

Tags
184028, 1

Learning Outcome
In this course, you will learn how to critique and construct theories in comparative politics through a number of individual, group, oral and written exercises.

Title
Critical Thinking and Analysis

Tags
184121, 3

Learning Outcome
All of the above items also contribute to the development of this skill.

Title
Effective Research and Analysis

Tags
184124, 0

Learning Outcome
In this course, you will learn how to complete a research project

POLI 270 - Principles of International Relations

Course Information

Teaching Area (new)
POLI

Course Number
270

Teaching Area
POLI

Course Title
Principles of International Relations

Course Description
An introduction to the subfield of international relations for advanced students and majors. Basic concepts, theories, and methods of international relations and political science.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Deeper Understanding

Tags
183760, 1

Learning Outcome
Define and recall fundamental facts, actors, processes and concepts relating to international relations

Title
Critical Thinking and Analysis

Tags
183956, 0

Learning Outcome
Elaborate and critique theoretical arguments about cause and effect in war, cooperation and other important topics in international relations.

Title
Sophisticated Use of Evidence

Tags
184003, 0

Learning Outcome
Evaluate and assess evidence that addresses important questions in international relations.

Title
Faith and Political Analysis

Learning Outcome
Reflect on the ways in which science and faith work together.

Title
Effective Writing

Learning Outcome
Write in a manner that is professional, sophisticated, thoughtful and temperate.

POLI 278 - Applied Statistics for Public Policy and Law

Course Information

Teaching Area (new)
POLI

Course Number
278

Teaching Area
POLI

Course Title
Applied Statistics for Public Policy and Law

Course Description
Reinforces statistical knowledge gained in Poli 200 and prepares knowledgeable consumers of empirical social science research for careers in law and policy analysis.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or equivalent.

Learning Outcomes

Title
Analyze Policy and Legal Issues

Tags
184509, 1

Learning Outcome
Analyze policy and legal issues using statistical skills and knowledge

Title
Read and Interpret Statistical Evidence

Tags
184510, 2

Learning Outcome
Learn how to read and interpret statistical evidence

Title
Role of Statistics in Policy and Law

Tags
184511, 3

Learning Outcome
Explain the role of statistics in policy and legal debates

POLI 297R - Internship Program Preparation

Course Information

Teaching Area (new)
POLI

Course Number
297R

Teaching Area
POLI

Course Title
Internship Program Preparation

Course Description
Preparatory seminar for students who will be participating in departmental internship programs.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Oral Communication

Tags
184219, 1

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Participation in Political Processes

Tags
184220, 2

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service

Tags
184221, 3

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 300 - Statistical Analysis

Course Information

Teaching Area (new)
POLI

Course Number
300

Teaching Area
POLI

Course Title
Statistical Analysis

Course Description
Quantitative techniques in political research, including probability theory, descriptive statistics, inferential statistics, regression analysis, causal inference, maximum likelihood, and panel data; presenting and summarizing quantitative research to a non-technical audience.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
214297, 0, 1, 2023-08-29 11:55:23

Learning Outcome
Read and interpret statistical evidence.

Title
Critical Thinking and Analysis

Tags
214298, 0, 2, 2023-08-29 11:55:25

Learning Outcome
Think critically, analytically, and synthetically.

Title
Effective Research and Analysis

Tags
214299, 0, 3, 2023-08-29 11:55:26

Learning Outcome
Use appropriate quantitative methods of analysis, including multivariate regression, to answer political questions.

Title
Professional Communication

Tags
214300, 0, 4, 2023-08-29 11:55:28

Learning Outcome
Explain statistical arguments in writing and in oral presentations that meet professional standards

POLI 301 - Data Visualization

Course Information

Teaching Area (new)
POLI

Course Number
301

Teaching Area
POLI

Course Title
Data Visualization

Course Description
Tools for the first steps in using data to answer political science questions: obtaining, cleaning, transforming, analyzing, and visualizing data. How to look at data and how to display that data to others.

Department
Political Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

POLI 302 - Experimental Research Methods

Course Information

Teaching Area (new)
POLI

Course Number
302

Teaching Area
POLI

Course Title
Experimental Research Methods

Course Description
Students will learn how to conduct experiments in the social sciences. All students will conduct an original experiment, learn how to analyze the data, and present their results in a publishable format.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 and Poli 328, or concurrent enrollment.

Learning Outcomes

Title
Master the Experimental Method

Tags
184476, 1

Learning Outcome
Use appropriate methods of sampling, intervention, random assignment, measurement, and statistical analysis in constructing and executing an original experiment in political science.

Title
Effective and Professional Writing

Tags
184477, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184478, 3

Learning Outcome
Communicate effectively by presenting ideas in a high-quality oral presentation.

Title
Critical Thinking and Analysis

Tags
184479, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 303 - Qualitative Methods

Course Information

Teaching Area (new)
POLI

Course Number
303

Teaching Area
POLI

Course Title
Qualitative Methods

Course Description
Qualitative methods for gathering data and analyzing theories, including concept formation, textual analysis, interviewing, archival research, case studies, and comparative historical analysis.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Effective Research and Analysis

Tags
184449, 1

Learning Outcome
Dramatically enhance your grasp of qualitative methods for doing political science, bringing it close to the level that would be taught in graduate school. In the process, gain a better grasp of the principles of scientific research.

Title
Effective and Professional Writing

Tags
184450, 2

Learning Outcome
Improve your ability to write effectively for a professional audience, especially in terms of global-level structure.

Title
Effective Oral Communication

Tags
184451, 3

Learning Outcome
Improve your ability to speak in small-group settings and to make formal presentations.

Title
Critical Thinking and Analysis

Tags
184452, 4

Learning Outcome
Enhance your ability to critically analyze theories and methods of analysis in published research and in your own work.

POLI 304 - Game Theory in Political Science

Course Information

Teaching Area (new)
POLI

Course Number
304

Teaching Area
POLI

Course Title
Game Theory in Political Science

Course Description
Introduction to game theory, concentrating on applications in politics.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Model Building and Analysis

Tags
184468, 1

Learning Outcome
Students will: Know what game theory is and the different types of game-theoretic models. Recognize and model strategic situations using game theory. Solve game-theoretic problems. Understand of the strengths and weaknesses of game theory as an analytic method.

Title
Effective Conmunication

Tags
184469, 2

Learning Outcome
Students will: Produce and present a poster of a game-theoretic model of a political situation. Properly cite material used for assignments.

POLI 305 - Survey Research Methods

Course Information

Teaching Area (new)
POLI

Course Number
305

Teaching Area
POLI

Course Title
Survey Research Methods

Course Description
Teaches principles of survey research methods from a Total Survey Error perspective. Topics and assignments include sampling, non-response, coverage, measurement, and analysis. Course project will conduct a survey for a client from start to finish.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 328 or concurrent enrollment.

Learning Outcomes

Title
Total Survey Error

Tags
184463, 1

Learning Outcome
Comprehend, implement, and effectively evaluate principles of "Total Survey Error" including sampling error, non-response error, coverage error, and measurement error.

Title
Participate in all phases of survey

Tags
184464, 2

Learning Outcome
Participate in all phases of design, data collection, and analysis of an actual survey

Title
Adapt Survey Design

Tags
184465, 3

Learning Outcome
Adapt survey design to the needs of a client while maintaining high quality

Title
Learn to Effectively Analyze

Tags
184466, 4

Learning Outcome
Learn to effectively analyze and communicate results

Title
Practice High Ethical Standards

Tags
184467, 5

Learning Outcome
Practice high ethical standards

POLI 306R - Topics in Political Science Methods

Course Information

Teaching Area (new)
POLI

Course Number
306R

Teaching Area
POLI

Course Title
Topics in Political Science Methods

Course Description
Advanced methods of political science. Topics selected by instructor.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Science Methods

Tags
184491, 1

Learning Outcome
Students will gain further understanding of a specifc political science research method (topics will vary by semester)

POLI 310 - Research Project in American Politics

Course Information

Teaching Area (new)
POLI

Course Number
310

Teaching Area
POLI

Course Title
Research Project in American Politics

Course Description
Advanced research skills and advanced writing for students in their junior year; focused on US politics.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- POLI 110 - American Government and Politics
  AND POLI 200 - Political Inquiry

OR

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 210 - Principles of American Politics

Other Prerequisites
or instructor's consent.

Note
For political science majors only. POLI 328 required or concurrent enrollment.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
214301, 0, 1, 2023-08-29 11:55:38

Learning Outcome
Possess a factual and theoretical knowledge of US politics in at least one specialized area.

Title
Effective and Professional Writing

Tags
214302, 0, 2, 2023-08-29 11:55:39

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
214303, 0, 3, 2023-08-29 11:55:40

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Effective Research and Analysis

Tags
214304, 0, 4, 2023-08-29 11:55:42

POLI 311 - State Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
311

Teaching Area
POLI

Course Title
State Government and Politics

Course Description
Forms of state governments and politics, and relations between state and national governments.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
POLI 200

Recommended
Poli 110 or Poli 210.

Learning Outcomes

Title
Explain government

Tags
214305, 0, 1, 2023-08-29 11:55:45

Learning Outcome
Explain how state government and politics operate.

Title
Evaluate institutions and representation

Tags
214306, 0, 2, 2023-08-29 11:55:46

Learning Outcome
Evaluate the effects of institutional differences on how state governments represent their constituents.

Title
Political participation

Tags
214307, 0, 3, 2023-08-29 11:55:48

Learning Outcome
Apply their understanding of state politics to their role as political participants.

Title
Evaluate federalism

Tags
214308, 0, 4, 2023-08-29 11:55:50

Learning Outcome
Evaluate the well-being of the US political system and states' role in particular in this system.

Title
Academic skills

Tags
214309, 0, 5, 2023-08-29 11:55:51

Learning Outcome
Read, write, research, collaborate, and think critically at an advanced undergraduate level.

POLI 312 - American Judicial Politics

Course Information

Teaching Area (new)
POLI

Course Number
312

Teaching Area
POLI

Course Title
American Judicial Politics

Course Description
The role of the U.S. judiciary, particularly the U.S. Supreme Court, in American politics, including discussion of the structure, role, influences, and policymaking role.\n\n

Department
Political Science

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
POLI 210; POLI 110.

POLI 313 - Interest Groups

Course Information

Teaching Area (new)
POLI

Course Number
313

Teaching Area
POLI

Course Title
Interest Groups

Course Description
Theories on formation and maintenance of interest groups; tactics of groups in legislative, executive, bureaucratic, and court settings; influence of groups on elections and public policy.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 110 or 210; Poli 200.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183726, 1

Learning Outcome
Students will be introduced to interest groups and their role in American politics.

Title
Effective and Professional Writing

Tags
183941, 2

Learning Outcome
Students will write a professional paper that focuses on a political science question

Title
Critical thinking and Analysis

Tags
184165, 1

Learning Outcome
Students will understand how to evaluate interest groups systematically and rigorously

Title
Politics, International Relations, and Political Philosophy

Tags
184226, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Effective and Professional Writing

Tags
184227, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184228, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 314 - The United States Presidency

Course Information

Teaching Area (new)
POLI

Course Number
314

Teaching Area
POLI

Course Title
The United States Presidency

Course Description
Presidential power in the United States, focusing on major roles of the American presidency.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 110 or 210; Poli 200.

Learning Outcomes

Title
Political Process Theory, and Thought

Tags
183944, 0

Learning Outcome
To become familiar with the major research approaches to the study of the American presidency and the intellectual history of the American presidency

Title
Politics, International Relations, and Political Philosophy

Tags
184029, 1

Learning Outcome
To gain a thorough understanding of the role of the American president in the political system

Title
Critical Thinking and Analysis

Tags
184042, 2

Learning Outcome
To focus on one American President using specified research questions.

POLI 315 - Congress and the Legislative Process

Course Information

Teaching Area (new)
POLI

Course Number
315

Teaching Area
POLI

Course Title
Congress and the Legislative Process

Course Description
Election process; structure, organization, and procedures of legislative bodies; relations with pressure groups, the president, and executive branch.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 110 or 210; Poli 200

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183727, 1

Learning Outcome
Students will obtain a general working knowledge of the U.S. Congress, and where possible other legislative bodies

Title
Effective Research and Analysis

Tags
183962, 1

Learning Outcome
Students will apply academic literature on Congress to current Congressional politics

Title
Critical Thinking and Analysis

Tags
183989, 2

Learning Outcome
Students will be able to discuss the role and effectiveness of Congress in particular and representative democracy in general

Title
Critical Thinking and Analysis

Tags
184043, 3

Learning Outcome
Students will gain new perspectives that will shape their future attempts to critically evaluate Congress and its members

Title
Politics, International Relations, and Political Philosophy

Tags
184229, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Effective Research and Analysis

Tags
184230, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Critical Thinking and Analysis

Tags
184231, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 316 - American Political Parties

Course Information

Teaching Area (new)
POLI

Course Number
316

Teaching Area
POLI

Course Title
American Political Parties

Course Description
Electoral and policy-making roles of American political parties today and their future in American politics.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Explain Parties and Government

Tags
183728, 1

Learning Outcome
Explain the party system, the party organizations, the party influence in the electorate, the nomination and electoral process, and the party influence on government.

Title
Describe and Evaluate Parties and their Effects

Tags
184232, 1

Learning Outcome
Describe the effects and consequences of parties on American politics, including taking a position on the costs and benefits of American political parties.

Title
Collaboration

Tags
184233, 2

Learning Outcome
Collaborate with colleagues to debate and discuss all of these principles, learning from one another.

POLI 317 - Public Opinion and Voting Behavior

Course Information

Teaching Area (new)
POLI

Course Number
317

Teaching Area
POLI

Course Title
Public Opinion and Voting Behavior

Course Description
Relationship between attitudes, opinion, and voting behavior in American politics and institutions.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Recommended
Poli 328

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183729, 1

Learning Outcome
Students will acquire a minimum of two theoretical perspectives to explain why voters choose a particular candidate.

Title
Effective Research and Analysis

Tags
183924, 1

Learning Outcome
Students will learn the fundamentals of survey research design and analysis, including an understanding and appreciation for the concept of “Total Survey Error.”

Title
Critical Thinking and Analysis

Tags
184053, 3

Learning Outcome
Students will be able to articulate the relationship between public opinion and democracy.

Title
Effective Research and Analysis

Tags
184133, 2

Learning Outcome
Students will use statistics to make inferences about the relationships between variables that affect voting behavior or public opinion.

Title
Political Process, Theory, and Thought

Tags
184235, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184236, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Critical Thinking and Analysis

Tags
184237, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 318 - Campaigns and Elections

Course Information

Teaching Area (new)
POLI

Course Number
318

Teaching Area
POLI

Course Title
Campaigns and Elections

Course Description
Analyzes electoral process in the United States, including history, significance in governance, campaign strategy, finance, media role, etc.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183730, 1

Learning Outcome
Students will understand the role of campaigns and elections today in American politics.

Title
Political Process, Theory, and Thought

Tags
183951, 1

Learning Outcome
Students will examine the historical development of campaigns and elections over the past 200 years and the nature of various players in campaigns and elections today including the electorate, candidates, parties, the media, and interest groups

Title
Critical Thinking and Analysis

Tags
184086, 3

Learning Outcome
Students will discuss and evaluate proposed electoral reforms.

Title
Participation in Political Processes

Tags
184159, 4

Learning Outcome
Students will be expected to spend time observing an electoral campaign, designing a campaign plan for a future campaign, and even working in a local electoral campaign.

Title
Politics, International Relations, and Political Philosophy

Tags
184168, 2

Learning Outcome
Students will assess three levels of elections – presidential, congressional, and state and local.

Title
Politics, International Relations, and Political Philosophy

Tags
184238, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184239, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184240, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 319R - Topics in American Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
319R

Teaching Area
POLI

Course Title
Topics in American Government and Politics

Course Description
Students will master a new topic related to American government and politics, learn to appropriately apply theories and methods learned in previous courses to understanding this new topic, and improve writing and research skills.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
POLI 319R

Tags
184531, 1

Learning Outcome
Students will gain a deep understanding of topics in American Government and Politics.

POLI 321 - The Media in American Politics

Course Information

Teaching Area (new)
POLI

Course Number
321

Teaching Area
POLI

Course Title
The Media in American Politics

Course Description
News media's role in processes of American politics, including electoral process, legislative process, and public policy-making.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183731, 1

Learning Outcome
Understand the legal structure of media regulation of the press.

Title
Political Process, Theory and Thought

Tags
183938, 1

Learning Outcome
Know what criteria the press uses for newsworthiness and how others attempt to use that criteria for their political ends

Title
Political Process, Theory, and Thought

Tags
184025, 0

Learning Outcome
Students will analyze media’s relationship with political institutions and organizations, policies, and the public.

Title
Political Process, Theory and Thought

Tags
184027, 1

Learning Outcome
Students will analyze the basis for the media's power

Title
Political Process, Theory, and Thought

Tags
184030, 6

Learning Outcome
See how the news media’s interact with institutions in order to shape public policy.

Title
Political Process, Theory, and Thought

Tags
184031, 0

Learning Outcome
Understand how the media's role in American politics has evolved over time.

Title
Political Process, Theory, and Thought

Tags
184058, 5

Learning Outcome
Understand media role in shaping individual’s political attitudes and behavior.

Title
Political Process, Theory, and Thought

Tags
184062, 2

Learning Outcome
Students will discuss the historical relationship between the press and political institutions and processes, the news gathering process, the role of the news media in electoral campaigns, the legislative process, presidential decision making, and judicial behavior.

Title
Political Process, Theory, and Thought

Tags
184089, 4

Learning Outcome
Know how news media affect electoral campaigns.

Title
Political Process, Theory, and Thought

Tags
184132, 2

Learning Outcome
Appreciate how the media/political system in the United States compares and contrasts with media/political systems in other nations.

Title
Critical Thinking and Analysis

Tags
184164, 7

Learning Outcome
Appreciate the varying sides of current debates over the role of the news media

Title
Politics, International Relations, and Political Philosophy

Tags
184241, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184242, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184243, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 322 - Urban and Local Politics

Course Information

Course Number
322

Teaching Area
POLI

Course Title
Urban and Local Politics

Course Description
Theories and empirical research on politics of cities, counties, and districts. Policy solutions for issues affecting local governments, such as housing, law enforcement, and racial inequality.

Department
Political Science

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Apply theories

Tags
214310, 0, 1, 2023-08-29 11:56:05

Learning Outcome
Summarize and apply key theories concerning the structure and operation of municipal and local politics in the US. Title

Title
Analyze political literature

Tags
214311, 0, 2, 2023-08-29 11:56:06

Learning Outcome
Analyze politically oriented literature on municipal and local politics in the US.

Title
Evaluate policies

Tags
214312, 0, 3, 2023-08-29 11:56:08

Learning Outcome
Evaluate policies to address issues and problems affecting municipal and local governments.

Title
Examine political role

Tags
214313, 0, 4, 2023-08-29 11:56:10

Learning Outcome
Examine their own role in municipal and local politics as residents and political participants.

Title
Demonstrate improved writing, research, and analytical skills.

Tags
214314, 0, 5, 2023-08-29 11:56:11

Learning Outcome
Demonstrate skills

POLI 323 - Race, Ethnicity, and Gender in American Politics

Course Information

Teaching Area (new)
POLI

Course Number
323

Teaching Area
POLI

Course Title
Race, Ethnicity, and Gender in American Politics

Course Description
The historical and current role of race, ethnicity, and gender in American politics. The individual-level ways that race, ethnicity, and gender shape attitudes about other citizens and perceptions of political actors and systems. How race, ethnicity, and gender have influenced and continue to influence the structures of American politics and public policy.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200

POLI 324 - Political Psychology

Course Information

Teaching Area (new)
POLI

Course Number
324

Teaching Area
POLI

Course Title
Political Psychology

Course Description
Survey of classic and contemporary research in political psychology. Special focus on how citizens think and feel about politics and the ways in which those beliefs shape their interactions with the political world.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Recommended
Poli 328

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183733, 1

Learning Outcome
Students will become familiar with basic theories and controversies in political psychology by reading a selection of classic and contemporary works in the field.

Title
Political Process, Theory, and Thought

Tags
183734, 2

Learning Outcome
Because reading assignments include journal articles and book chapters with heavy theoretical and empirical emphasis, they will gain a better understanding of how to read contemporary work in political psychology and evaluate the theory, empirical results, and substantive implications of the work.

Title
Political Process, Theory, and Thought

Tags
183735, 3

Learning Outcome
Because the course is structured as a seminar, students will be expected to come to class prepared and participate actively in class discussions. The goals of class discussions include a better understanding of the course reading, critical evaluation of the strengths and weaknesses of each reading, and increased understanding of the implications of the reading for contemporary democracy.

Title
Effective and Professional Writing

Tags
183947, 5

Learning Outcome
Students will complete a major paper as part of the course requirements. This paper will include a full experimental research design that addresses a meaningful research question in political psychology.

Title
Effective Research and Analysis

Tags
184008, 4

Learning Outcome
Students will better understand the strengths and weaknesses of various research methods, including in-depth interviews, surveys, lab and field experiments, and other approaches found in political psychology.

Title
Effective Research and Analysis

Tags
184022, 3

Learning Outcome
Students will read, evaluate, and discuss a selection of the most important works in political psychology, with a special focus on the psychology of mass political behavior. Because much of this work is quantitative, students will gain experience understanding and critically assessing research design and quantitative results.

Title
Effective Citation

Tags
184061, 8

Learning Outcome
In completing the course paper, students will cite sources properly.

Title
Participation in Political Processes

Tags
184085, 9

Learning Outcome
Because a major theme of the course is the political psychology of political participation, students will better understand why individuals do (or do not) participate in politics. Students will gain a greater appreciation for the role of political participation in contemporary democracy.

Title
Critical Thinking and Analysis

Tags
184101, 6

Learning Outcome
Students will critically evaluate, assess, and discuss both empirical results of classic and contemporary work in political psychology and their implications for our understanding of democracy.

Title
Critical Thinking and Analysis

Tags
184147, 7

Learning Outcome
Students will practice the skills of attentive reading, thoughtful questioning, meaningful group discussion, and compelling writing.

Title
Politics, International Relations, and Political Philosophy

Tags
184244, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184245, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184246, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184247, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184248, 5

Learning Outcome
Think critically, analytically, and synthetically.

Title
Participation in Political Processes

Tags
184249, 6

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

POLI 325 - Politics of Wilderness, National Parks, and Public Land Management

Course Information

Teaching Area (new)
POLI

Course Number
325

Teaching Area
POLI

Course Title
Politics of Wilderness, National Parks, and Public Land Management

Course Description
An environmental politics course focused on public land management. Policy cases may include mining, dams, endangered species, national parks, national forests, and wilderness. Field trips.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 110, Poli 210, or AHTG 100

Learning Outcomes

Title
Understand Public Lands

Learning Outcome
Explain and evaluate the competing philosophical, scientific, historical, and political pressures on public lands.

Title
Actors and Public Lands

Learning Outcome
Assess the roles of governments and private actors in producing desirable outcomes.

Title
Political institutions and Public Lands

Learning Outcome
Integrate knowledge about individual political institutions into a broader understanding of the policy process as a whole.

Title
Policies and Laws on Public Lands

Learning Outcome
Appraise major policies and laws relating to public lands and the environment, showing how they impact conditions on the ground.

Title
Recreate Responsibly

Learning Outcome
Apply Leave No Trace principles to recreate responsibly.

Title
Latter-day Saint Perspectives

Learning Outcome
Interpret Latter-day Saint perspectives on the natural environment.

Title
Participate in Policy Process

Learning Outcome
Participate effectively in the policy process.

POLI 326 - American Political Demography

Course Information

Course Number
326

Teaching Area
POLI

Course Title
American Political Demography

Course Description
Examines how demographic forces of aging, gender, race, immigration, marriage and childbearing create cleavages in American politics

Department
Political Science

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
POLI 200 and POLI 300 or equivalent courses on research design and multivariate regression

Learning Outcomes

Title
Create a Learning Community

Learning Outcome
Create a vibrant learning community governed by a passion for uncovering truth, receiving guidance from the Spirit, and demonstrating love and empathy for fellow learners.

Title
Articulate Impacts of Demographic Trends

Learning Outcome
Articulate the impact of key demographic trends on American politics and the impact of important political trends on American demographics.

Title
Build Facility with Demographic Tools and Concepts

Learning Outcome
Build a facility with essential demographic tools and concepts.

Title
Use high-quality data

Learning Outcome
Employ prominent national data sources to examine key interactions between demographic and political variables.

Title
Produce Demographic Analyses for Different Audiences

Learning Outcome
Produce high-quality demographic analyses for a variety of professional purposes and audiences.

Title
Construct Theoretical Propositions

Learning Outcome
Construct theoretical propositions consistent with the empirical relationships uncovered in their analyses.

Title
Appreciate Diversity and Its Challenges

Learning Outcome
Appreciate the diversity of human communities and the different challenges they face in the American political system.

POLI 330 - Research Project in Public Policy

Course Information

Teaching Area (new)
POLI

Course Number
330

Teaching Area
POLI

Course Title
Research Project in Public Policy

Course Description
Advanced research skills and advanced writing for students in their junior year; focused on public policy.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- POLI 110 - American Government and Politics
  AND POLI 200 - Political Inquiry

OR

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 210 - Principles of American Politics

Other Prerequisites
or instructor's consent.

Note
For political science majors only.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
214315, 0, 1, 2023-08-29 11:56:15

Learning Outcome
Possess a factual and theoretical knowledge of political processes and public policy analysis in at least one specialized area.

Title
Effective Research and Analysis

Tags
214316, 0, 2, 2023-08-29 11:56:17

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
214317, 0, 3, 2023-08-29 11:56:18

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
214318, 0, 4, 2023-08-29 11:56:20

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

POLI 331 - Politics and Public Policy

Course Information

Teaching Area (new)
POLI

Course Number
331

Teaching Area
POLI

Course Title
Politics and Public Policy

Course Description
Introduction to major public policy issue areas and how political processes are used to address social problems.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Professional Policy Analysis

Tags
184250, 1

Learning Outcome
Conduct problem-centered policy analysis in a professional setting

Title
Audience-Oriented Analyses

Tags
184251, 2

Learning Outcome
Produce public policy analysis and commentary in different formats and for different audiences.

Title
U.S. Public Policy Process

Tags
184252, 3

Learning Outcome
Analyze the dynamics and politics of public policymaking processes in the United States.

Title
Engage Public Debates

Tags
184253, 4

Learning Outcome
Engage effectively in public policy discussions on a variety of substantive policy issues.

Title
Dual Heritage

Tags
184254, 5

Learning Outcome
Draw connections between gospel teachings and the nature and causes of social problems.

Title
Constitutional Literacy

Tags
184255, 6

Learning Outcome
Recognize how policymakers use (or fail to use) inspired constitutional principles.

POLI 332 - Public Policy Analysis

Course Information

Teaching Area (new)
POLI

Course Number
332

Teaching Area
POLI

Course Title
Public Policy Analysis

Course Description
Analysis of how societies can and should choose between different public policy options to achieve public ends, with a focus on applied cost-benefit analysis.

Department
Political Science

When Taught
Winter Term 2.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Policymaking Process

Tags
184472, 1

Learning Outcome
Understand the normative foundations for purusing different objectives in the policymaking process.

Title
Identify Stakeholders

Tags
184473, 2

Learning Outcome
Be able to identify stakeholders and those affected by public policy proposals.

Title
Gain experience

Tags
184474, 3

Learning Outcome
Gaine experience in identifying the costs and benefits associated with alternative policy proposals and the analytical methods used to choose between those proposals.

POLI 333 - Politics of Bureaucracy

Course Information

Teaching Area (new)
POLI

Course Number
333

Teaching Area
POLI

Course Title
Politics of Bureaucracy

Course Description
Theory and nature of bureaucracy; sources of power; political executives; staffs and agency personnel; conflicts with elected officials; public interest and bureaucratic control.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Bureaucratic Behavior

Tags
184499, 1

Learning Outcome
To learn the foundations of bureaucratic behavior.

Title
Politics and Public Administration

Tags
184500, 2

Learning Outcome
To understand the linkage between politics and public administration.

Title
Policy Design

Tags
184501, 3

Learning Outcome
To develop skills for policy design that integrate bureaucratic norms and behaviors.

POLI 334 - Public Ethics

Course Information

Teaching Area (new)
POLI

Course Number
334

Teaching Area
POLI

Course Title
Public Ethics

Course Description
Sources of values, areas of conflict with government policy, means of value accommodation.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183738, 1

Learning Outcome
The goal of this class is to help you develop your critical analytical skills in assessing public policy debates and in formulating your own views about what policies governments should undertake.

Title
Political Process, Theory, and Thought

Tags
183739, 2

Learning Outcome
The focus here is on how some of the most prominent theories and conceptual frameworks and normative theories from political philosophy can help illuminate the values and assumptions underlying policy choices and serve as criteria for choosing policy options.

Title
Political Process, Theory, and Thought

Tags
184256, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184257, 2

Learning Outcome
Think critically, analytically, and synthetically.

Title
Community Service

Tags
184258, 3

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 336 - Religion and Politics

Course Information

Teaching Area (new)
POLI

Course Number
336

Teaching Area
POLI

Course Title
Religion and Politics

Course Description
Examines the complex relationships between religious institutions, beliefs, and political processes, analyzing how faith shapes political behavior, policy debates, and constitutional frameworks in democratic societies.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Learning Outcomes

Title
Be spiritually strengthened

Tags
183740, 1

Learning Outcome
Articulate principles of faith in political analysis

Title
Define religion concretely

Tags
184259, 1

Learning Outcome
Increase fluency with the unique characteristics of religion compared to other belief systems and social organizations.

Title
Evaluate Religious Influences on Political Behavior and Policy

Learning Outcome
Evaluate how religious belonging, believing, and behaving shape political attitudes and behavior such as voting, political participation, policy preferences, and coalition formation in contemporary political systems.

Title
Analyze the Intersection of Religious and Political Systems

Learning Outcome
Analyze the relationships between religious institutions, beliefs, and practices and political processes, institutions, and outcomes across diverse contexts.

Title
Assess Theoretical Approaches to Religion and Politics

Learning Outcome
Assess major theoretical perspectives on the role of religion in politics, such as secularization theory, cultural conflict theory, and religious marketplace theory.

Title
Investigate Contemporary Religion-Politics Controversies Using Rigorous Methods

Learning Outcome
Design and conduct original research on a contemporary religion and politics issue using appropriate research methodologies.

Title
Communicate With Clarity and Evidence

Learning Outcome
Write and present analytical arguments about religion-politics topics with originality and clarity, providing reasons and evidence to support claims while using proper citation of source material.

Title
Recognize Diversity Within and Across Religious Traditions

Learning Outcome
Identify and appreciate the contours of religious diversity across and within major religious traditions.

Title
Apply Course Concepts to Contemporary Political Events

Learning Outcome
Apply theoretical frameworks and analytical tools from the course to explain current events involving religion and politics in domestic and international contexts.

POLI 339R - Topics in Public Policy

Course Information

Teaching Area (new)
POLI

Course Number
339R

Teaching Area
POLI

Course Title
Topics in Public Policy

Course Description
Students are expected to develop a knowledge of current issues and policies which affect our society. This course will pay a particular attention to how policies effect diverse and at-risk populations in the United States.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or equivalent.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
184260, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184261, 2

Learning Outcome
Think critically, analytically, and synthetically.

Title
Master the Literature

Tags
209738, 0, 3

Learning Outcome
Demonstrate mastery of the literature of a relevant subfield in public policy

Title
Apply Methodologies

Tags
209739, 0, 4

Learning Outcome
Acquire and apply the appropriate methodologies of public policy

Title
Advanced Writing

Tags
209740, 0, 5

Learning Outcome
Write advanced papers on public policy

Title
Understand the role of Political Strategy

Tags
209741, 0, 6

Learning Outcome
Understand how public policy fits into the broader context of political science

POLI 340 - Democracy and Autocracy

Course Information

Course Number
340

Teaching Area
POLI

Course Title
Democracy and Autocracy

Course Description
Definition and measurement of democracy; major theories explaining the emergence of democracies and autocracies; exploration of why autocrats use violence or other modes of repression, how they manipulate elections, and why some regimes fail while others survive.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete POLI 200

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Fee
n/a

Learning Outcomes

Title
Apply theories

Learning Outcome
Accurately apply key theories and factors affecting the development and failure of democratic and autocratic regimes throughout the world.

Title
Analyze literature

Learning Outcome
Analyze politically oriented literature on comparative democracy and autocracy.

Title
Evaluate democracy promotion

Learning Outcome
Evaluate efforts by states and NGOs in democracy promotion.

Title
Evaluate role as citizens

Learning Outcome
Examine personal role as democratic citizens.

Title
Demonstrate writing, reserach, and analytical skills

Learning Outcome
Demonstrate improved writing, research, and analytical skills.

POLI 341 - European Politics

Course Information

Teaching Area (new)
POLI

Course Number
341

Teaching Area
POLI

Course Title
European Politics

Course Description
Politics and policy in Europe. State-building, party systems, nationalism, populism, political economy, demographics, migration and refugees, cooperation among advanced industrial countries in comparative and historical perspective. Various countries are covered, as are the European Union and NATO.

Department
Political Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Be intellectually enlarged

Tags
183742, 1

Learning Outcome
Possess a factual and theoretical knowldege of European politics, politcal processes, political theories, and political thought

Title
Political Process, Theory, and Thought

Tags
183743, 2

Learning Outcome
Students will develop a factual and theoretical knowledge of the politics of contemporary Europe by looking at selected countries.

Title
Political Process, Theory, and Thought

Tags
183744, 3

Learning Outcome
Student will come away from the semester with a new set of ideas about how capitalist democracies work and where and how they are struggling to adapt to new challenges.

Title
Critical Thinking and Analysis

Tags
184079, 2

Learning Outcome
Students will improve their ability to communicate their knowledge through writing essays and oral presentation

Title
Political Process, Theory, and Thought

Tags
184215, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective and Professional Writing

Tags
184216, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184217, 3

Learning Outcome
Think critically, analytically, and synthetically.

Title
Effective Oral Communication

Tags
184218, 4

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

POLI 342 - Gender and Politics

Course Information

Teaching Area (new)
POLI

Course Number
342

Teaching Area
POLI

Course Title
Gender and Politics

Course Description
Theories of representation; gender and citizenship; gender and political candidacy; gender and leadership; gendered political issues.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
184480, 1

Learning Outcome
To understand the role of gender in a variety of aspects of the political process. To understand different perspectives and be conversant with arguments about the gender dimensions of various political issues. To be able to view political issues, political behavior, and even personal behavior from a gender-aware perspective.

Title
Effective and Professional Writing/Effective Oral Communication

Tags
184481, 2

Learning Outcome
To encourage students to write more clearly, and present themselves effectively in class discussions and presentations.

POLI 343 - Designing Democracy: Constitutional Design for Democratic Governance

Course Information

Teaching Area (new)
POLI

Course Number
343

Teaching Area
POLI

Course Title
Designing Democracy: Constitutional Design for Democratic Governance

Course Description
Examining the rich variety of ways in which democracies are designed across the globe. Relying on both theoretical and empirical perspectives, surveying the different rules for governance and representation, and their advantages and disadvantages for various, and often competing, goals, such as accountability, corruption, political violence, and economic development.

Department
Political Science

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 150, Poli 250.

Recommended
Poli 328

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
184453, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184454, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184455, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184456, 4

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Collaboration

Tags
184457, 5

Learning Outcome
Work effectively with other people.

Title
Critical Thinking and Analysis

Tags
184458, 6

Learning Outcome
Think critically, analytically, and synthetically.

POLI 344 - Comparative Political Economy

Course Information

Teaching Area (new)
POLI

Course Number
344

Teaching Area
POLI

Course Title
Comparative Political Economy

Course Description
Overview of political economy from a comparative perspective. Classic theorists (Smith, Marx, Schumpeter, etc.); classic questions (industrialization, national economic policy, property, globalization, law, and economics).

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 150 - Comparative Government and Politics
  OR POLI 250 - Principles of Comparative Politics

Recommended
Poli 200.

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
183950, 3

Learning Outcome
All of the above items also contribute to the development of this skill.

Title
Effective and Professional Writing

Tags
183985, 1

Learning Outcome
Develop writing skills through various activities such as regular, short writing assignments in response to readings or topics we cover in class, as well as undertaking a significant research paper that includes the extension of a theory and some form of empirical testing applied to political economy topics.

Title
Politics, International Relations, and Political Philosophy

Tags
184078, 2

Learning Outcome
You will also be exposed to how international forces affect domestic political economy and how normative considerations shape policy outcomes of interest in this class.

Title
Politics, International Relations, and Political Philosophy

Tags
184262, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184263, 2

Learning Outcome
Politics, International Relations, and Political Philosophy

Title
Effective and Professional Writing

Tags
184264, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Research and Analysis

Tags
184265, 4

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Critical Thinking and Analysis

Tags
184266, 5

Learning Outcome
Think critically, analytically, and synthetically.

Title
Political Process, Theory, and Thought

Tags
184549, 1

Learning Outcome
Understand the relationship (factual/theoretical) between political/economic outcomes and political/economic structures/institutions.

POLI 345 - Comparative Parties and Elections

Course Information

Teaching Area (new)
POLI

Course Number
345

Teaching Area
POLI

Course Title
Comparative Parties and Elections

Course Description
Analyzes the electoral process and political parties in both the United States and other countries. Special attention is given to gender issues, campaigns, financing, corruption, extremist parties, religion, class, issues, fairness, accountability, electoral rules, and democracy.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Theoretical Underpinnings

Tags
184496, 1

Learning Outcome
Understand the theoretical underpinnings of political parties in democracies.

Title
Practical Manifestations

Tags
184497, 2

Learning Outcome
Link the theoretical underpinnings of political parties with their practical manifestations in everyday politics.

Title
Clear Communication

Tags
184498, 3

Learning Outcome
Communicate both the theoretical underpinnings and practical manifestations of these theories to a wide variety of audiences.

POLI 346 - Southeast Asian Politics

Course Information

Teaching Area (new)
POLI

Course Number
346

Teaching Area
POLI

Course Title
Southeast Asian Politics

Course Description
Southeast Asian political systems, including the social forces and personalities that drive policy decisions and political outcomes, as well as the institutional environment in which they operate. Will study several countries in depth and gain an understanding of the cultures and histories that shape these governmental systems.

Department
Political Science

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200; Poli 150 or 250

POLI 347 - Russia/Former Soviet Politics

Course Information

Teaching Area (new)
POLI

Course Number
347

Teaching Area
POLI

Course Title
Russia/Former Soviet Politics

Course Description
Comparative politics of Russia and Soviet successor states. Development of political systems from common Soviet heritage, emphasizing post-independence politics and institution building.

Department
Political Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Be intellectually engaged

Tags
183745, 1

Learning Outcome
Possess a factual and theoretical knowledge of Russia/Former Soviet Union political processes, political theories, and political thought

Title
Political Process, Theory, and Thought

Tags
183746, 2

Learning Outcome
Demonstrate strong understanding of political and economic changes in former Soviet countries since 1991.
Demonstrate strong understanding of the political institutions and political processes in Russia and other former Soviet countries.
Demonstrate strong understanding of the patterns of interaction between Russia and its neighbors.

Title
Effective and Professional Writing

Tags
183984, 2

Learning Outcome
Demonstrate the ability to write a well-crafted, persuasive research paper.

Title
Effective Research and Analysis

Tags
184026, 1

Learning Outcome
Complete a research paper that uses effective comparison to explain political institutions or processes in former Soviet countries.

Title
Critical Thinking and Analysis

Tags
184082, 3

Learning Outcome
Demonstrate the ability to apply theories of comparative politics to patterns of politics in former Soviet countries.

Title
Integrity in Daily Activities

Tags
184123, 4

Learning Outcome
Learn the consequences of plagiarism and how to avoid it.In written assignments, correctly acknowledge the words and/or ideas of other authors.

Title
Political Process, Theory, and Thought

Tags
184267, 1

Learning Outcome
Politics, International Relations, and Political Philosophy

Title
Effective Research and Analysis

Tags
184268, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184269, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184270, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 348 - Government and Politics of Asia

Course Information

Teaching Area (new)
POLI

Course Number
348

Teaching Area
POLI

Course Title
Government and Politics of Asia

Course Description
Comparative analysis of political developments of the major countries of Asia not covered in other country-specific classes.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory and Thoughts

Tags
183747, 1

Learning Outcome

The course first considers the historical background of government and politics in Asia by looking at pre-colonial systems of government, encounters with the West,Colonialism, and national liberation movements. We then proceed thematically and comparatively by topic: States and Regimes, Political Executives, Governments, Legislatures, Bureaucracies, Political Economy, Parties, Elections, Participation and Power, Ideologies, Identities, Modernization and Democracy, and Globalization and regionalism. Finally, we will cover the "diplomatic history" of a selection of countries.

Title
Political Process, Theory, and Thought

Tags
184271, 1

Learning Outcome

Politics, International Relations, and Political Philosophy

Title
Effective Research and Analysis

Tags
184272, 2

Learning Outcome

Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184273, 3

Learning Outcome

Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184274, 4

Learning Outcome

Think critically, analytically, and synthetically.

POLI 349R - Topics in Politics

Course Information

Teaching Area (new)
POLI

Course Number
349R

Teaching Area
POLI

Course Title
Topics in Politics

Course Description
Students will use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions. Students will improve on their ability to write effectively for a professional audience.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or equivalent.

Learning Outcomes

Title
Political Process, Theory and Thoughts

Tags
184528, 1

POLI 350 - Research Project in Comparative Politics

Course Information

Teaching Area (new)
POLI

Course Number
350

Teaching Area
POLI

Course Title
Research Project in Comparative Politics

Course Description
Advanced research skills and advanced writing for students in their junior year; focused on comparative politics.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- POLI 150 - Comparative Government and Politics
  AND POLI 200 - Political Inquiry

OR

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 250 - Principles of Comparative Politics

Other Prerequisites

or instructor's consent.

Learning Outcomes

Title
Effective and Professional Writing

Tags
214319, 0, 1, 2023-08-29 11:56:46

Learning Outcome
In this course, you will learn how to complete an article-length research project using appropriate methods of analysis and a professional standard of writing. In doing so, you will draw heavily from your learning in previous courses.

Title
Political Process, Theory, and Thought

Tags
214320, 0, 2, 2023-08-29 11:56:48

Learning Outcome
Possess a factual and theoretical knowledge of politics in other countries, in at least one specialized area.

Title
Effective Research and Analysis

Tags
214321, 0, 3, 2023-08-29 11:56:49

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
214322, 0, 4, 2023-08-29 11:56:51

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Faith and Political Analysis

Learning Outcome
Apply comparative frameworks to religious history.

POLI 351 - British Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
351

Teaching Area
POLI

Course Title
British Government and Politics

Course Description
Examination of the origin and contemporary operation of British political institutions as they relate to British society.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183749, 1

Learning Outcome
Possess a factual and theoretical knowledge of British government and politics

Title
Political Process, Theory, and Thought

Tags
184275, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 352 - African Politics

Course Information

Teaching Area (new)
POLI

Course Number
352

Teaching Area
POLI

Course Title
African Politics

Course Description
Processes of change and development of nation states; African regionalism and relations with other nations; contemporary political issues.

Department
Political Science

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183750, 1

Learning Outcome
Possess a factual and theoretical knowledge of the themes, issues, and trends that shape politics in Africa.

Title
Political Process, Theory, and Thought

Tags
184276, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 353 - China: Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
353

Teaching Area
POLI

Course Title
China: Government and Politics

Course Description
Structure and behavior of politics; contemporary problems.

Department
Political Science

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183751, 1

Learning Outcome
Possess a factual and analytical knowledge of China, its political processes, political theories, and society

Title
Political Process, Theory, and Thought

Tags
183752, 2

Learning Outcome
We will develop and understanding of three general areas: the Communists' rise to power, the party/state structure and policy process, and state-society relations.

Title
Political Process, Theory, and Thought

Tags
184277, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 355 - Canadian Government and Politics

Course Information

Teaching Area (new)
POLI

Course Number
355

Teaching Area
POLI

Course Title
Canadian Government and Politics

Course Description
Growth and development of Canada and its government; Canada's role in the contemporary world

Department
Political Science

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Be intellectually enlarged

Tags
183754, 1

Learning Outcome
Possess a factual and theoretical knowledge of Canadian Government political processes, political theories, and political thought

Title
Political Process, Theory, and Thought

Tags
183755, 2

Learning Outcome
Possess a factual and theoretical knowledge of Canadian Government and politics. Special emphasis will be placed on the Canadian political heritage, federal-provincial relations, the formulation and implementation of Canadian policy, the individuals, groups, and institutions involved in this process, and Canada's role in the contemporary world, including its relationship with the United States

Title
Political Process, Theory, and Thought

Tags
184102, 0

Learning Outcome
Possess a factual and theoretical knowledge of Canadian Government and politics. Special emphasis will be placed on the Canadian political heritage, federal-provincial relations, the formulation and implementation of Canadian policy, the individuals, groups, and institutions involved in this process, and Canada’s role in the contemporary world, including its relationship with the United States

Title
Political Process, Theory, and Thought

Tags
184278, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 357 - Middle East Politics

Course Information

Teaching Area (new)
POLI

Course Number
357

Teaching Area
POLI

Course Title
Middle East Politics

Course Description
Introduction to important themes, concepts, and cases in the study of the Middle East and North Africa, with particular attention to the domestic and international politics of the region. Examination of social and political issues in the region from the early 20th century to the present, focusing primarily on issues of contemporary relevance.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 200

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183756, 1

Learning Outcome
We will concentrate on problems of political development, leadership, political institutions and religion

Title
Critical Thinking and Analysis

Tags
183933, 3

Learning Outcome
Students will develop analytical and logical writing abilities with an emphasis on critical reading and writing skills.

Title
Political Process, Theory, and Thought

Tags
184103, 2

Learning Outcome
We will study the conflicts of political legitimacy and Islamic activism.

Title
Political Process, Theory and Thought

Tags
184113, 0

Learning Outcome
The class is designed to help the student gain a basic knowledge of Middle Eastern politics and the social pressures that underlie political forces, to study several countries in depth and to gain an understanding of the culturally-based and traditional political structures and forces that operate in these governmental systems.

Title
Politics, International Relations, and Political Philosophy

Tags
184279, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184280, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184281, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 358 - Latin American Politics

Course Information

Teaching Area (new)
POLI

Course Number
358

Teaching Area
POLI

Course Title
Latin American Politics

Course Description
Conceptual and contemporary issues in Latin America's search for political order and economic development.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or Las 211.

Learning Outcomes

Title
Learning Facts About Latin American Politics

Tags
183757, 1

Learning Outcome
In this course you develop a general understanding of Latin American politics and how politics in the region compares with that of the rest of the world. You also develop expert knowledge of at least one Latin American country, and you learn about databases and other sources of information on the region.

Title
Learning Theories to Understand Facts

Tags
183758, 2

Learning Outcome
You will learn how to apply theories in order to understand the facts. Beyond learning facts, you will improve your ability to identify patterns in Latin American politics and explain them. This analytical knowledge will allow you to make predictions and prescriptions.

Title
Developing Broader Writing and Methods Skills

Tags
184163, 2

Learning Outcome
You will develop broader skills of research, writing, and "numeracy." These basic skills are taught in most Political Science classes, and you have several opportunities here to improve them.

Title
Political Process, Theory, and Thought

Tags
184282, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184283, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184284, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184285, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 359R - Topics in Comparative Politics

Course Information

Teaching Area (new)
POLI

Course Number
359R

Teaching Area
POLI

Course Title
Topics in Comparative Politics

Course Description
Students will learn how to critique and construct theories of democratic development, and deepen their familiarity with the research traditions of regime change and theoretical paradigms of comparative politics.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or equivalent.

Learning Outcomes

Title
Political Process, Theory and Thoughts

Tags
184532, 1

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Advanced Writing

Tags
209744, 0, 4

Learning Outcome
Write advanced papers on the topic

Title
Master the Literature

Tags
209742, 0, 2

Learning Outcome
Demonstrate mastery of the literature of a relevant subfield in comparative politics

Title
Apply Methodologies

Tags
209743, 0, 3

Learning Outcome
Acquire and apply the appropriate methodologies of comparative politics

Title
Understand the role of Political Strategy

Tags
209745, 0, 5

Learning Outcome
Understand how comparative politics fits into the broader context of political science

POLI 360 - Research Project in Political Theory

Course Information

Teaching Area (new)
POLI

Course Number
360

Teaching Area
POLI

Course Title
Research Project in Political Theory

Course Description
Advanced research skills and advanced writing for students in their junior year; focused on political theory.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 201 - Western Political Heritage 1

OR

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 202 - Western Political Heritage 2

Learning Outcomes

Title
Effective and Professional Writing

Tags
214323, 0, 1, 2023-08-29 11:57:05

Learning Outcome
Write professional grade research papers on political science questions.

Title
Be spiritually strengthened

Tags
214324, 0, 2, 2023-08-29 11:57:07

Learning Outcome
Be able to articulate principles of faith in political analysis

Title
Effective Oral Communication

Tags
214325, 0, 3, 2023-08-29 11:57:09

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis

Tags
214326, 0, 4, 2023-08-29 11:57:10

Learning Outcome
Think critically, analytically, and synthetically.

Title
Political Process, Theory, and Thought

Tags
214327, 0, 5, 2023-08-29 11:57:11

Learning Outcome
Be able to explain political philosophy in at least one specialized area.

Title
Effective Research and Analysis

Tags
214328, 0, 6, 2023-08-29 11:57:13

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

POLI 362 - Reason, Revelation, and Politics

Course Information

Teaching Area (new)
POLI

Course Number
362

Teaching Area
POLI

Course Title
Reason, Revelation, and Politics

Course Description
The fruitful tension between the authority of reason and that of revelation in the Western tradition and in contemporary politics.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 201 or 202 or class in philosophy

Learning Outcomes

Title
Be spiritually strengthened

Tags
183719, 1

Learning Outcome
Possess a command of sacred texts and doctrines gained

Title
Political Thought

Tags
183720, 2

Learning Outcome
Understand the main ideas of each author considered, and be able to compare and contrast the various authors

Title
Political Philosophy

Tags
183721, 3

Learning Outcome
Summarize and independently critique important philosophical arguments bearing on religion and contemporary issues, and write about them in a clear and orderly fashion.

Title
Political Theory

Tags
184080, 3

Learning Outcome
Be critically aware of conventional assumptions regarding religion, reason and politics that limit much current thought

Title
Critical Thinking and Analysis

Tags
184081, 4

Learning Outcome
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

Title
Political Philosophy

Tags
184127, 2

Learning Outcome
Summarize and independently critique important philosophical arguments bearing on religion and contemporary issues, and write about them in a clear and orderly fashion.

POLI 364 - Jurisprudence

Course Information

Teaching Area (new)
POLI

Course Number
364

Teaching Area
POLI

Course Title
Jurisprudence

Course Description
Problem approach to ancient and modern legal philosophies, emphasizing the nature of justice and the relation of law to morality.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183759, 1

Learning Outcome
Students will understand key historical and contemporary approaches to the philosophy of law.

Title
Integrity in Daily Life and Civic Activities

Tags
183922, 3

Learning Outcome
Students will work effectively in groups to help colleagues prepare their individual term papers, providing and receiving peer review at each stage and sharing research efforts.

Title
Critical Thinking and Analysis

Tags
183932, 1

Learning Outcome
Students will articulate, compare, and evaluate the specific ways in which different jurisprudential approaches understand and appreciate the rule of law.

Title
Effective and Professional Writing

Tags
184120, 2

Learning Outcome
Students will analyze, evaluate, and respond critically to Letwin’s assessment of a particular philosopher in an oral presentation and in a term paper.

Title
Politics, International Relations, and Political Philosophy

Tags
184286, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184287, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184288, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184289, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184290, 5

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis

Tags
184291, 6

Learning Outcome
Think critically, analytically, and synthetically.

POLI 365 - Early American Political Thought: 1620-1865

Course Information

Teaching Area (new)
POLI

Course Number
365

Teaching Area
POLI

Course Title
Early American Political Thought: 1620-1865

Course Description
Core principles and seminal texts of American politics from Colonial times through the Lincoln administration.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory and Thought

Tags
183732, 1

Learning Outcome
Students will understand the ideals and institutions the contributed to the founding of America

Title
Political Process, Theory, and Thought

Tags
184015, 0

Learning Outcome
Students will consider some of the major themes/issues that emerge instudies of the American founding--with brief considerations of the earliest English settlements in America, America’s colonial history, America’s post-Constitutional history, Manifest Destiny, and the Civil War. We will examine the American Revolution and the Constitutional period in greater detail.

POLI 366 - Modern American Political Thought: 1865-Present

Course Information

Teaching Area (new)
POLI

Course Number
366

Teaching Area
POLI

Course Title
Modern American Political Thought: 1865-Present

Course Description
Core principles and seminal texts of American politics from Reconstruction to the present.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

POLI 367 - Contemporary Political Theory

Course Information

Teaching Area (new)
POLI

Course Number
367

Teaching Area
POLI

Course Title
Contemporary Political Theory

Course Description
History of political science, including the moral and ethical dimensions of politics.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 201 or Poli 202 or Phil 201 or Phil 202.

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
183717, 1

Learning Outcome
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

Title
Political Philosophy

Tags
183961, 1

Learning Outcome
Students will attend to the deeper question of the nature and limits of theory (or “reason,” or “philosophy”) as it functions in the political-moral realm.

Title
Political Philosophy

Tags
183994, 0

Learning Outcome
Students will have a factual and theoretical knowledge of contemporary normative political theory from the standpoint of the question of the relationship between theory and practice.

Title
Political Philosophy

Tags
184034, 2

Learning Outcome
Students will examine the risks both of a postmodern celebration of irrationalism and those inherent in the ongoing project of constructing a purely “rational” politics and morality.

Title
Effective and Professional Writing

Tags
184045, 4

Learning Outcome
To learn to address significant, complex and challenging ideas in clear, correct, and strong English, based upon a careful engagement with textual sources

Title
Faith and Political Analysis

Tags
184170, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Political Process, Theory, and Thought

Tags
184171, 2

Learning Outcome
Possess a faculty and theoretical knowledge of countries, poilitical processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184172, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Critical Thinking and Analysis

Tags
184173, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 368R - Topics in Political Philosophy

Course Information

Teaching Area (new)
POLI

Course Number
368R

Teaching Area
POLI

Course Title
Topics in Political Philosophy

Course Description
Students will develop skills in use of philosophical methodology, give attention to articulating premises clearly and to understanding inferential validity using argumentative tools such as deduction, abduction, induction, and reflective equilibrium.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory and Thoughts

Tags
184533, 1

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Advanced Writing

Tags
209748, 0, 4

Learning Outcome
Write advanced papers on the topic.

Title
Master the Literature

Tags
209746, 0, 2

Learning Outcome
Master the literature of a relevant subfield in political philosophy

Title
Apply Methodologies

Tags
209747, 0, 3

Learning Outcome
Acquire and apply the appropriate methodologies of political philosophy

Title
Understand the role of Legal Studies

Tags
209749, 0, 5

Learning Outcome
Understand how political philosophy fits into the broader context of political science

POLI 370 - Research Project in International Relations

Course Information

Teaching Area (new)
POLI

Course Number
370

Teaching Area
POLI

Course Title
Research Project in International Relations

Course Description
Advanced research skills and advanced writing for students in their junior year; focused on international relations.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- POLI 170 - Introduction to International Politics
  AND POLI 200 - Political Inquiry

OR

Prerequisites

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry
  AND POLI 270 - Principles of International Relations

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
214329, 0, 1, 2023-08-29 11:57:22

Learning Outcome
Possess a factual and theoretical knowledge of international relations in at least one specialized area.

Title
Effective Research and Analysis

Tags
214330, 0, 2, 2023-08-29 11:57:23

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective Oral Communication

Tags
214331, 0, 3, 2023-08-29 11:57:25

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Effective and Professional Writing

Tags
214332, 0, 4, 2023-08-29 11:57:26

Learning Outcome
Write professional grade research papers on political science questions.

POLI 372 - International Political Economy

Course Information

Teaching Area (new)
POLI

Course Number
372

Teaching Area
POLI

Course Title
International Political Economy

Course Description
Political implications of international trade, investment, and monetary policies within an increasingly interdependent global context; transnationalism.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183762, 1

Learning Outcome
Demonstrate understanding of how International Relations theory applies to the subject matter of International Political Economy.

Title
Effective Research and Analysis

Tags
184000, 3

Learning Outcome
Complete a research paper that uses IPE theory to explain aspects of global political and economic interaction.

Title
Integrity in Daily and Civic Activities

Tags
184040, 6

Learning Outcome
Learn the consequences of plagiarism and how to avoid it.In written assignments, correctly acknowledge the words and/or ideas of other authors.

Title
Political Process, Theory, and Thought

Tags
184091, 2

Learning Outcome
Demonstrate understanding of different issue areas in international political economy.

Title
Effective and Professional Writing

Tags
184153, 4

Learning Outcome
Demonstrate the ability to write a well-crafted, persuasive research paper.

Title
Critical Thinking and Analysis

Tags
184160, 5

Learning Outcome
Demonstrate the ability to apply different theories of international political economy.

Title
Politics, International Relations, and Political Philosophy

Tags
184297, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184298, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184299, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184300, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184301, 5

Learning Outcome
Think critically, analytically, and synthetically.

POLI 373 - International Law

Course Information

Teaching Area (new)
POLI

Course Number
373

Teaching Area
POLI

Course Title
International Law

Course Description
Nature and function of international law; recognition, succession, jurisdiction rights, and immunities of states; nationality and jurisdiction over nations.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

Learning Outcomes

Title
Faith and Political Analysis

Tags
183763, 1

Learning Outcome
Students will discuss the moral issues surrounding issue of international law.

Title
Participation in Political Process

Tags
183967, 5

Learning Outcome
Students will learn the history of the development of international legal norms and how those norms affect important political issues in the United States.

Title
Effective and Professional Writing

Tags
183995, 3

Learning Outcome
Students will write either a legal brief for a mock argument before an international tribunal or a research paper that conforms to the conventional expectations for a research paper in a political science class.

Title
Critical Thinking and Analysis

Tags
184036, 4

Learning Outcome
In class discussions, writing, and course readings, students will practice analyzing and evaluating the logic and arguments used in international legal decisions themselves and discussions of international legal issues.

Title
Political Process, Theory, and Thought

Tags
184037, 2

Learning Outcome
Students will learn the legal perspective of important events of world history and current issues of international conflict and cooperation.

Title
Politics, International Relations, and Political Philosophy

Tags
184550, 1

Learning Outcome

Students will learn the role of legal norms in international relations and will be able to discuss the relative importance of international law in constraining the actions of states.

POLI 374 - Ethics and International Affairs

Course Information

Teaching Area (new)
POLI

Course Number
374

Teaching Area
POLI

Course Title
Ethics and International Affairs

Course Description
Ethical considerations in study and practice of international politics. Realism, idealism, and other theories of state behavior subjected to ethical standards.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Be spiritually strengthened

Tags
183764, 1

Learning Outcome
Be able to articulate principles of faith in political analysis

Title
Faith and Political Analysis

Tags
183765, 2

Learning Outcome
Course participants will inquire into how Latter-day Saint perspectives might contribute to better understanding of ethics and international relations.

Title
Effective Research and Analysis

Tags
183929, 1

Learning Outcome
Students will acquire analytical tools with which to address international issues having ethical implications, focusing on realism and idealism, and be able to apply these tools to a variety of significant case studies.

Title
Critical Thinking and Analysis

Tags
183954, 2

Learning Outcome
Students will become acquainted with and analyze the concept of just and unjust wars, drawing on historical and contemporary examples as illustrations.

Title
Political Process, Theory, and Thought

Tags
183955, 0

Learning Outcome
Within a historical and theoretical context, students will demonstrate understanding of the ethical challenges confronting international policymakers and the challenge of including ethical analysis in foreign policy decision-making.

Title
Political Process, Theory, and Thought

Tags
184004, 3

Learning Outcome
In the context of the course’s overarching themes, students will survey war, international law, war crimes and crimes against humanity, genocide, human rights, human trafficking, torture, humanitarian intervention, democratization, reconciliation, economic justice, and other concepts lending themselves to ethics-based understanding.

Title
Critical Thinking and Analysis

Tags
184077, 5

Learning Outcome
Students will demonstrate increased confidence in their abilities to assess and express the ethical implications of international relations.

Title
Political Process, Theory, and Thought

Tags
184148, 4

Learning Outcome
Students will demonstrate knowledge and understanding of the watershed historical and current events that lend themselves most readily to ethical analyses.

Title
Faith and Political Analysis

Tags
184302, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Political Process, Theory, and Thought

Tags
184303, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184304, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Critical Thinking and Analysis

Tags
184305, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 375 - International Organizations

Course Information

Teaching Area (new)
POLI

Course Number
375

Teaching Area
POLI

Course Title
International Organizations

Course Description
International institutions; transnational relations; rise of newer political organizations: League of Nations, United Nations, European communities, world religions, multinational corporations, terrorist groups, global regimes.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183766, 1

Learning Outcome
You will know the proper terminology to describe and define the major theoretical traditions in international relations.

Title
Critical Thinking and Analysis

Tags
183969, 2

Learning Outcome
You will be able to compare, contrast, and critique these approaches and begin developing your own ideas.

Title
Effective Citation

Tags
184067, 4

Learning Outcome
In addition, it is hoped that you will better appreciate the importance of, and apply high ethical standards of academic conduct, including proper source citation, calibrating conclusions to evidence honestly, and working alone without help when required.

Title
Critical Thinking and Analysis

Tags
184097, 1

Learning Outcome
You will understand the inner logic of each approach and its implications.

Title
Effective Research and Analysis

Tags
184158, 3

Learning Outcome
You will be able to begin testing the propositions of the theories.

Title
Politics, International Relations, and Political Philosophy

Tags
184306, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Effective Research and Analysis

Tags
184307, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184308, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184309, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 376 - U.S. Foreign Policy

Course Information

Teaching Area (new)
POLI

Course Number
376

Teaching Area
POLI

Course Title
U.S. Foreign Policy

Course Description
Formation, implementation, analysis, and criticism of themes in American foreign policy.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain sources of decision-making

Tags
183767, 1

Learning Outcome
Identify and explain major sources of U.S. foreign policy decision-making.

Title
Explain foreign policy tools

Tags
183768, 2

Learning Outcome
Identify and explain both the "what" and the "why" of various foreign policy tools.

Title
Provide foreign policy recommendations

Tags
183769, 3

Learning Outcome
Evaluate a foreign policy issue, analyze the trade-offs between different policy options, and provide a well-defended policy recommendation.

Title
Engage empathetically

Tags
183770, 4

Learning Outcome
Engage more empathetically with policy decision-makers (and others), improving their ability to engage without agreement and furthering and developing gospel skills such as peacemaking.

Title
Critically engage assumptions

Tags
183921, 3

Learning Outcome
Critically engage the assumptions underlying different conceptions of American foreign policy.

Title
Improve critical thinking skills

Tags
183970, 5

Learning Outcome
Become more adept and capable at thinking critically and at a higher level of nuance and complexity.

POLI 377 - National Security Affairs

Course Information

Teaching Area (new)
POLI

Course Number
377

Teaching Area
POLI

Course Title
National Security Affairs

Course Description
American national security affairs, including American grand strategy and topics such as nuclear weapons and cybersecurity.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Research and Analysis

Tags
183771, 1

Learning Outcome
Students will write a Policy Position Paper

Title
Faith and Political Analysis

Tags
183917, 2

Learning Outcome
Throughout the course, students will integrate moral perspectives on American national security policy with secular perspectives thereof

Title
Political Process, Theory, and Thought

Tags
183993, 4

Learning Outcome
Students will be familiar with the primary institutions and processes of American national security policy making

Title
Politics, International Relations, and Political Philosophy

Tags
184122, 1

Learning Outcome
Students will understand the evolution of American national security policy since WWII, especially since 9/11

Title
Politics, International Relations, and Political Philosophy

Tags
184139, 0

Learning Outcome
Students will understand Security Studies

Title
Faith and Political Analysis

Tags
184315, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184316, 2

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184317, 3

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184318, 4

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184319, 5

Learning Outcome
Write professional grade research papers on political science questions.

POLI 378 - International Conflict

Course Information

Teaching Area (new)
POLI

Course Number
378

Teaching Area
POLI

Course Title
International Conflict

Course Description
Analysis of theories about the causes of war and peace between states, including factors such as domestic instability, nuclear weapons, and war as a result of a bargaining failure.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 150, 170, 250, or 270; Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183772, 1

Learning Outcome
We will seek to deepen our understanding of war through a theoretical analysis of the causes of war by focusing attention on war as an outcome of the nature of the international system, war a result of the nature of the state, and war as a product of human nature.

Title
Political Process, Theory, and Thought

Tags
184320, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 379R - Topics in International Relations

Course Information

Teaching Area (new)
POLI

Course Number
379R

Teaching Area
POLI

Course Title
Topics in International Relations

Course Description
Students will become familiar with the international, regional, and national policies in place to address some difficult challenges. Students will appreciate the complex nature of the interplay between economic, political and cultural aspects of the global and national communities.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or equivalent.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
184529, 1

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

POLI 380 - International Relations of Latin America

Course Information

Teaching Area (new)
POLI

Course Number
380

Teaching Area
POLI

Course Title
International Relations of Latin America

Course Description
Factors that affect foreign relations of Latin American countries, including the U.S. role, emphasizing intervention, democracy, development, and trade.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200 or Lt Am 211.

Learning Outcomes

Title
Be intellectually enlarged

Tags
183773, 1

Learning Outcome
Possess a factual and theoretical knowledge of Latina American countries, political processes, political theories, and political thought

Title
Political Process, Theory, and Thought

Tags
183774, 2

Learning Outcome
In this course you will build your repertoire of facts and theories for understanding international politics in Latin America. Specifically, you will learn the history of wars and diplomacy in Latin America (particularly with reference to the United States) and recent patterns of economic development and democratization

Title
Effective Research and Analysis

Tags
184007, 2

Learning Outcome
This course will help you improve your research skills

Title
Critical Thinking and Analysis

Tags
184050, 1

Learning Outcome
This course will help you improve your reasoning

Title
Effective and Professional Writing

Tags
184140, 3

Learning Outcome
This course will help you improve your writing skills.

Title
Political Process, Theory, and Thought

Tags
184321, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184322, 2

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184323, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184324, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 381 - International Relations of the Middle East

Course Information

Teaching Area (new)
POLI

Course Number
381

Teaching Area
POLI

Course Title
International Relations of the Middle East

Course Description
Topics include Persian Gulf Wars, Arab-Israeli conflict, the effect of Arab nationalism and political Islam on international relations, and the intervention of great powers in the region.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183775, 1

Learning Outcome
Analyze the international relations of the Middle East from a historical, theoretical, and contemporary perspective

Title
Politics, International Relations, and Political Philosophy

Tags
184325, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184326, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184327, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 384 - International Relations of Europe

Course Information

Course Number
384

Teaching Area
POLI

Course Title
International Relations of Europe

Course Description
Examination of history and causes of war and peace in Europe.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

POLI 200

Type
Prerequisite

POLI 200

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Identify key history

Learning Outcome
Identify key developments in the evolution of the European state system.

Title
Apply theories

Learning Outcome
Apply and assess international relations theories about the causes of war and peace.

Title
Conduct research

Learning Outcome
Conduct original research in order to answer questions with data.

Title
Write professionally

Learning Outcome
Write professional quality academic papers.

POLI 385 - International Relations of Asia

Course Information

Teaching Area (new)
POLI

Course Number
385

Teaching Area
POLI

Course Title
International Relations of Asia

Course Description
Foreign policies and international relations of China, Japan, and Northeast and Southeast Asia; historical and contemporary review and analysis.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183777, 1

Learning Outcome
Possess a factual and analytical knowledge of East Asia and its international relations, political theories and political processes

Title
Political Process, Theory, and Thought

Tags
183778, 2

Learning Outcome
Developing an appreciation for the diversity and dynamism of the Asia Pacific

Title
Globalization

Tags
183779, 3

Learning Outcome
Understand the extend to which Asian States have not simply "reacted" to the West, but have "interacted" with it in an increasingly globalized world.

Title
Critical Thinking and Analysis

Tags
184084, 3

Learning Outcome
Interpret contemporary developments by reference to past traditions and history

Title
Critical Thinking and Analysis

Tags
184169, 1

Learning Outcome
Understand the extent to which Asian states have not simply "reacted" to the West, but have "interacted" with it

Title
Political Process, Theory, and Thought

Tags
184329, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective and Professional Writing

Tags
184330, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184331, 3

Learning Outcome
Think critically, analytically, and synthetically.

POLI 387 - International Relations of Developing Countries

Course Information

Teaching Area (new)
POLI

Course Number
387

Teaching Area
POLI

Course Title
International Relations of Developing Countries

Course Description
Global politics in developing countries, focusing on trade, aid, conflict, women's rights, and the changing global balance of power.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 150, 170, 250, or 270; Poli 328.

Learning Outcomes

Title
Learn the Experimental Method

Tags
184482, 1

Learning Outcome
Use appropriate methods of sampling, intervention, random assignment, measurement, and statistical analysis in constructing and executing an original experiment in political science.

Title
Effective and Professional Writing

Tags
184483, 2

Learning Outcome
Write a professional grade research paper on the international relations of developing countries.

Title
Effective Oral Communication

Tags
184484, 3

Learning Outcome
Communicate effectively by presenting ideas in high-quality oral presentations.

Title
Critical Thinking and Analysis

Tags
184485, 4

Learning Outcome
Think critically, analytically, and synthetically.

Title
Substantive Knowledge of International Development

Tags
184486, 5

Learning Outcome
Learn the major categories of thinking on the international relations of developing countries.

POLI 388 - Chinese Foreign Policy

Course Information

Teaching Area (new)
POLI

Course Number
388

Teaching Area
POLI

Course Title
Chinese Foreign Policy

Course Description
Structure and process of foreign policy of the People's Republic of China.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183782, 1

Learning Outcome
Students will become familiar with the formulation and implementation of China's foreign policy

Title
Political Process, Theory, and Thought

Tags
183783, 2

Learning Outcome
Develop skills in policy analysis-examining historical, cultural, international, and domestic factors that influence Chinese foreign relations.

Title
Political Process, Theory, and Thought

Tags
184340, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 391 - Advanced Seminar on Current Issues

Course Information

Teaching Area (new)
POLI

Course Number
391

Teaching Area
POLI

Course Title
Advanced Seminar on Current Issues

Course Description
Briefings and lectures from government officials and agencies, as well as directed readings on current issues.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance to Washington Seminar.

Note
For students interning in Washington, D.C.

Learning Outcomes

Title
Faith and Political Analysis

Tags
183784, 1

Learning Outcome
Students should always remember what is cited in the Doctrine and Covenants, Section 134: 1: "We believe that governments were instituted of God for the benefit of man; and that He holds men accountable for their acts in relation to them, both in making laws and administering them, for the good and safety of society," and apply this to studies.

Title
Politics, International Relations, and Political Philosophy

Tags
183960, 1

Learning Outcome
During the course of this semester, we intend to identify some best practices which might improve both the overall U.S. system of governance and the ability of government officials in Washington, D.C. to represent the citizens of the United States of America more effectively.

Title
Politics, International Relations and Political Philosophy

Tags
183987, 0

Learning Outcome
Students will be expected to examine policies and institutions with the intent of seeing how the overall policy-making processes and institutions might be ameliorated.

Title
Faith and Political Analysis

Tags
184341, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184342, 2

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Participation in Political Processes

Tags
184343, 3

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

POLI 392R - Topics in Political Strategy

Course Information

Teaching Area (new)
POLI

Course Number
392R

Teaching Area
POLI

Course Title
Topics in Political Strategy

Course Description
Special topics for the Political Strategy track. Topic chosen by instructor.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Apply Methodologies

Tags
184513, 0, 3, 2020-01-31 14:45:33

Learning Outcome
Acquire and apply the appropriate methodologies of Political Strategy

Title
Advanced Writing

Tags
184514, 0, 4, 2020-01-31 14:45:33

Learning Outcome
Write advanced papers on the topic

Title
Understand the role of Political Strategy

Tags
184515, 0, 5, 2020-01-31 14:45:33

Learning Outcome
Understand how Political Strategy fits into the broader context of political science

Title
Master the Literature

Tags
184512, 0, 2, 2020-01-31 14:45:33

Learning Outcome
Demonstrate mastery of the literature of a relevant subfield in Political Strategy

POLI 393R - Topics in Legal Studies

Course Information

Teaching Area (new)
POLI

Course Number
393R

Teaching Area
POLI

Course Title
Topics in Legal Studies

Course Description
Special topics for the Legal Studies track. Topic chosen by instructor.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Topics in Legal Studies

Tags
184503, 1

Learning Outcome
1 & 2 Students will master a new topic related to one of the vocational emphases of Political Science (Political Process, Theory, and Thought); Students will learn to appropriately apply theories and methods learned in previous courses to understanding this new topic (Critical Thinking and Analysis); Students will improve their writing and research skills (Effective and Professional Writing; Effective Research and Analysis)

Title
Master the Literature

Tags
184516, 2

Learning Outcome
Master the literature of a relevant subfield in Legal Studies

Title
Apply Methodologies

Tags
184517, 3

Learning Outcome
Acquire and apply the appropriate methodologies of Legal Studies

Title
Advanced Writing

Tags
184518, 4

Learning Outcome
Write advanced papers on the topic.

Title
Understand the role of Legal Studies

Tags
184519, 5

Learning Outcome
Understand how Legal Studies fits into the broader context of political science

POLI 394R - Topics in Global Development

Course Information

Teaching Area (new)
POLI

Course Number
394R

Teaching Area
POLI

Course Title
Topics in Global Development

Course Description
Special topics for the Global Development track. Topic chosen by instructor.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Master the Literature

Tags
184520, 2

Learning Outcome
Master the literature of a relevant subfield in Global Development

Title
Apply Methodologies

Tags
184521, 3

Learning Outcome
Acquire and apply the appropriate methodologies of Global Development

Title
Advanced Writing

Tags
184522, 4

Learning Outcome
Write advanced papers on the topic

Title
Understand the role of Global Development

Tags
184523, 5

Learning Outcome
Understand how Global Development fits into the broader context of political science

POLI 395R - Political Review

Course Information

Teaching Area (new)
POLI

Course Number
395R

Teaching Area
POLI

Course Title
Political Review

Course Description
Write, edit, design, market, and publish the BYU Political Review, a non-partisan university publication.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
previous application

POLI 397 - Utah Legislative Politics

Course Information

Teaching Area (new)
POLI

Course Number
397

Teaching Area
POLI

Course Title
Utah Legislative Politics

Course Description
Preparatory seminar for students in the Utah State Legislature internship. Utah history and political structure. Relations between legislature and other branches of government. Challenges of legislative service.

Department
Political Science

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
The Legislature and Constitutional Governance

Tags
184179, 1

Learning Outcome
Evaluate legislative politics and constitutional governance using political science concepts.

Title
Understanding Legislation

Tags
184180, 2

Learning Outcome
Summarize and explain proposed legislation.

Title
Effective and Professional Communication

Tags
184181, 3

Learning Outcome
Communicate professionally both orally and in writing.

Title
Strategies for Change

Tags
184182, 4

Learning Outcome
Develop workable strategies to enact desired reforms.

Title
Effective Participation

Learning Outcome
Participate effectively in the political process.

POLI 398 - Speaker Series on Political Careers

Course Information

Teaching Area (new)
POLI

Course Number
398

Teaching Area
POLI

Course Title
Speaker Series on Political Careers

Course Description
Networking and career guidance through a series of lectures by career professionals.

Department
Political Science

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

POLI 399R - Washington DC Internship

Course Information

Teaching Area (new)
POLI

Course Number
399R

Teaching Area
POLI

Course Title
Washington DC Internship

Course Description
Students will fulfill the tasks and duties of their individual internships in Washington, D.C. and complete academic writing assignments related to the substance of their work.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
184386, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184387, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184388, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184389, 4

Learning Outcome
Write professional grade research papers on political science questions

Title
Effective Oral Communication

Tags
184390, 5

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Participation in Political Processes

Tags
184391, 6

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service

Tags
184392, 7

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 399R - Pre-Law Internship

Course Information

Teaching Area (new)
POLI

Course Number
399R

Teaching Area
POLI

Course Title
Pre-Law Internship

Course Description
Students will fulfill the tasks and duties of their individual internships in the legal profession and complete academic writing assignments related to the substance of their work.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
184351, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184352, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184353, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184354, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184355, 5

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Participation in Political Processes

Tags
184356, 6

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service

Tags
184357, 7

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 399R - International Internship

Course Information

Course Number
399R

Teaching Area
POLI

Course Title
International Internship

Course Description
Students will fulfill the tasks and duties of their individual international internships and complete academic writing assignments related to the substance of their work.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Max:
9

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
184393, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184394, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184395, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184396, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184397, 5

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Participation in Political Processes

Tags
184398, 6

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service

Tags
184399, 7

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 399R - Academic Internship

Course Information

Teaching Area (new)
POLI

Course Number
399R

Teaching Area
POLI

Course Title
Academic Internship

Course Description
Work-study on the international, national, state, and local level.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into program.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
184344, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184345, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective Research and Analysis

Tags
184346, 3

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

Title
Effective and Professional Writing

Tags
184347, 4

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184348, 5

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Participation in Political Processes

Tags
184349, 6

Learning Outcome
Participate effectively in political processes by having an appropriate knowledge of international and national politics and political thought.

Title
Community Service

Tags
184350, 7

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 399R - Utah Legislature Internship

Course Information

Teaching Area (new)
POLI

Course Number
399R

Teaching Area
POLI

Course Title
Utah Legislature Internship

Course Description
Students will fulfill the tasks and duties of their individual internships with the Utah State Legislature and complete academic writing assignments related to the substance of their work.

Department
Political Science

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
7

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
The Legislature and Constitutional Governance

Tags
184379, 1

Learning Outcome
Evaluate legislative politics and constitutional governance using political science concepts.

Title
Understanding Legislation

Tags
184380, 2

Learning Outcome
Summarize and explain proposed legislation.

Title
Effective and Professional Communication

Tags
184381, 3

Learning Outcome
Communicate professionally both orally and in writing.

Title
Strategies for Change

Tags
184382, 4

Learning Outcome
Develop workable strategies to enact desired reforms.

Title
Effective Participation

Tags
184383, 5

Learning Outcome
Participate effectively in the political process.

POLI 420 - Constitutional Law - American Federal System

Course Information

Teaching Area (new)
POLI

Course Number
420

Teaching Area
POLI

Course Title
Constitutional Law - American Federal System

Course Description
Students will discuss the institutional issues surrounding US government structures, specifically the rights and powers of the President, Congress, the judiciary, states, and individuals.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learn U.S. Supreme Court Precedents

Tags
184564, 1

Learning Outcome
Identify and master the context, arguments, legal holdings, interpretive methods, and practical consequences of key SCOTUS precedent related to federal constitutional structures.

Title
Develop Legal Analysis Skills

Tags
184565, 2

Learning Outcome
Develop and demonstrate key skills of legal analysis, research, and advocacy (written and oral) necessary to interpret and defend the structures of the U.S. Constitution.

Title
Apply Constitutional Principles

Tags
184566, 3

Learning Outcome
Apply and explain the structural principles of the U.S. Constitution and SCOTUS precedent to modern fact patterns and relevant public policy issues

Title
Analyze the Constiution and Public Policy

Tags
184567, 4

Learning Outcome
Analyze and articulate whether and how federal constitutional structures are being threatened today and how their current interpretations impact modern public policy issues.

Title
Defend the Constitution in Light of the Gospel

Tags
184568, 5

Learning Outcome
Prioritize and defend the U.S. Constitution's inspired structural principles as they relate to the restored gospel of Jesus Christ and prophetic teachings.

POLI 421 - Constitutional Law - Rights and Immunities

Course Information

Teaching Area (new)
POLI

Course Number
421

Teaching Area
POLI

Course Title
Constitutional Law - Rights and Immunities

Course Description
Students will learn about some of the most important parts of American politics, the US Supreme Court and its decisions as well as the historical development of the most important legal doctrines of the Supreme Court.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Think Critically and Analytically about Politics

Tags
184555, 1

Learning Outcome
Students will discuss the moral issues surrounding the constitutional decisions about the death penalty, abortion, death (including a righ to die and assisted suicide), discrimination, privacy rights, the free exercise of religion, the establishment of religion, hate speech, and free speech rights.

Title
Understand Political Science and its Subfields

Tags
184556, 2

Learning Outcome
Students will learn about some of hte most important parts of American politics, the US Supreme Court and its decisions as well as the historical development of the most important legal doctrines of the Supreme Court.

Title
Understand Political Science and its Subfields

Tags
184557, 3

Learning Outcome
Students will learn both the detailed arguments of important US Supreme Court decisions and the context surrounding those decisions.

Title
Employ Rigorous Research Methods

Tags
184558, 4

Learning Outcome
Through our daily analysis of Court decisions, we will practice textual analysis as it is done by legal professionals. In addition, the oral presentation, papers, and exams will also require a high level of competency at legal textual analysis, testing how well students have acquired this skill from the daily reading and discussion of cases.

Title
Write and Speak with Originality and Clarity

Tags
184559, 5

Learning Outcome
Students will write two specialized types of legal research papers, a legal brief for a mock argument before the US Supreme Court and a mock decision from the same Court. Both papers will require significant legal research and argumentation that is expected in high quality legal research.

Title
Write and Speak with Originality and Clarity

Tags
184560, 6

Learning Outcome
Each student will participate in two oral presentations in class, either as a party to a case brought before the Supreme Court or as a judge of the same Court questioning counsel in a mock Supreme Court case. These presentations will develop the skills of asking critical questions, formulating persuasive answers immediately, simplifying difficult topics, and arguing persuasively. These presentations will differ significantly from the typical oral presentation made in a class and will practice a different set of presentation skills than the typical classroom oral presentation.

Title
Think Critically and Analytically about Politics

Tags
184561, 7

Learning Outcome
In our daily discussions, in mock trial presentations, and exams, and in writing briefs or court decisions, students will practice analyzing and evaluating the logic and arguments used in past Supreme Court decisions.

Title
Write and Speak with Originality and Clarity

Tags
184562, 8

Learning Outcome
Students will be expected to adhere to the highest standards of intellectual honesty in writing both research papers and in their use of materials for their mock legal presentations. Students will also be introduced to the ABA citation style in addition to the Turabian citation style.

Title
Collaborate Effectively

Tags
184563, 9

Learning Outcome
Students will become more informed voters and participants in political processes by learning the history of US Supreme Court decisions as well as the legal and political logic that underpins those same decisions.

POLI 422 - Interests and Ideas in the American Founding

Course Information

Teaching Area (new)
POLI

Course Number
422

Teaching Area
POLI

Course Title
Interests and Ideas in the American Founding

Course Description
A systematic investigation of the American founding, focusing on key interests and ideas represented at the Federal Convention of 1787 (and in other seminal events) emphasizing historical and empirical literature.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Poli 202

Learning Outcomes

Title
Apply Knowledge of the American Founding

Tags
184487, 2

Learning Outcome
Connect this working knowledge of the period to more modern political science questions about the nature of democracy and governance

Title
Obtain Knowledge of the American Founding

Tags
184488, 1

Learning Outcome
Obtain a working knowledge of the American founding through a thorough consideration of each of the following.
Historical documents
Historical treatments of the period
Empirical models of the covention

Title
Critical Thinking

Tags
184489, 3

Learning Outcome
Improve your ability to think critically, write about, and discuss all of this material

POLI 423 - Political Extremism in the United States

Course Information

Teaching Area (new)
POLI

Course Number
423

Teaching Area
POLI

Course Title
Political Extremism in the United States

Course Description
The historical and current role of extremism in American politics. Origins and types of political extremism. How political extremism compares to mere differences in political opinion or ideology. Consequences of extremism for American society and democracy.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:
- POLI 200 - Political Inquiry

POLI 428 - Advanced Statistical Analysis

Course Information

Teaching Area (new)
POLI

Course Number
428

Teaching Area
POLI

Course Title
Advanced Statistical Analysis

Course Description
Advanced topics in econometrics, building on basic linear regression learned in Political Science 328.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- POLI 300 - Statistical Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- ECON 388 - Introduction to Econometrics

POLI 444 - The Political Economy of Development

Course Information

Teaching Area (new)
POLI

Course Number
444

Teaching Area
POLI

Course Title
The Political Economy of Development

Course Description
Political foundations of growth, providing public goods, and political reform in developing countries. Development and how institutions and culture shape it.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Econ 110, Poli 200

Learning Outcomes

Title
Improve Understanding of International Development

Tags
183992, 1

Learning Outcome
Understand key concepts and patterns related to political and economic development around the world.

Title
Explain variation in development outcomes

Tags
184167, 4

Learning Outcome
Explain variation in developmental outcomes using prominent theories and apply them to specific country cases

Title
Evaluate Program Effectiveness

Tags
184420, 4

Learning Outcome
Evaluate the effectiveness of programs and policies aimed at improving social, political, and economic outcomes

Title
Gain appreciation for God's love and care

Tags
184551, 1

Learning Outcome
Gain a deeper appreciation of God's love and care for all His children

Title
Develop empathy

Tags
184552, 3

Learning Outcome
Develop greater concern, empathy and compassion for people in diverse circumstances

Title
Participate in humanitarian service

Learning Outcome
Actively participate in humanitarian service

Title
Increase capacity to help others

Learning Outcome
Understand theories and develop skills that enhance their ability to help others

POLI 452 - Islam and Politics

Course Information

Teaching Area (new)
POLI

Course Number
452

Teaching Area
POLI

Course Title
Islam and Politics

Course Description
Tensions and accommodations between religion and politics in Muslim nations.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Politics, International Relations, and Political Philosophy

Tags
183791, 1

Learning Outcome
This course will introduce students to the study of Islamic fundamentalism through taking up the question of the relationship of Islam and politics in the contemporary world.

Title
Political Process, Theory, and Thought

Tags
184044, 1

Learning Outcome
It will focus on the political implications of the emergence of Islam as a major world religion and on its use as a force in politics by Islamist groups by examining its rise, teachings, practices, metamorphoses, debates, and polemics.

Title
Politics, International Relations, and Political Philosophy

Tags
184426, 1

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184427, 2

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

POLI 461 - Federalist Papers

Course Information

Teaching Area (new)
POLI

Course Number
461

Teaching Area
POLI

Course Title
Federalist Papers

Course Description
The primary defense of the Constitution of the United States, which also constitutes the major commentary on that document.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

POLI 462 - Tocqueville on America

Course Information

Teaching Area (new)
POLI

Course Number
462

Teaching Area
POLI

Course Title
Tocqueville on America

Course Description
Alexis de Tocqueville's *Democracy in America*.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Thinking and Analysis

Tags
183787, 1

Learning Outcome
See the practical consequences of abstract philosophical ideas, think more deeply and coherently about their own moral and political commitments

Title
Politics, International Relations, and Political Philosophy

Tags
184055, 0

Learning Outcome
To gain a thorough familiarity with the text of Democracy in America, including an understanding of its basic structure and main parts, and its most significant themes and there interconnections

Title
Effective and Professional Writing

Tags
184105, 3

Learning Outcome
To learn to write significant ideas in clear, correct, and strong English, based upon a careful engagement with Tocqueville’s text

Title
Critical Thinking and Analysis

Tags
184109, 1

Learning Outcome
To understand the deepest questions that arise from a selection on the themes of Democracy in America with the help of the best commentators on Tocqueville’s text, such as Harvey Mansfield and Delba Winthrop, Pierre Manent, and Peter Lawler

Title
Politics, International Relations, and Political Philosophy

Tags
184125, 2

Learning Outcome
To understand the permanent interest of the challenging questions framed by Tocqueville, and their relevance to contemporary political and ethical issues

Title
Faith and Political Analysis

Tags
184428, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184429, 2

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Effective and Professional Writing

Tags
184430, 3

Learning Outcome
Write professional grade research papers on political science questions.

Title
Critical Thinking and Analysis

Tags
184431, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 465 - Philosophy of the Social Sciences

Course Information

Teaching Area (new)
POLI

Course Number
465

Teaching Area
POLI

Course Title
Philosophy of the Social Sciences

Course Description
Comparative analysis of the philosophy of scientific and normative inquiry.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183718, 1

Learning Outcome
Identify the differences between social and natural sciences.

Title
Effective Research and Analysis

Tags
183928, 1

Learning Outcome
Distinguish the different approaches to research in the social sciences.

Title
Critical Thinking and Analysis

Tags
184014, 4

Learning Outcome
Analyze, think, and write critically about social research.

Title
Effective Research and Analysis

Tags
184087, 2

Learning Outcome
Consider whether and how social sciences can address normative concerns.

POLI 472 - International Political Economy of Women

Course Information

Teaching Area (new)
POLI

Course Number
472

Teaching Area
POLI

Course Title
International Political Economy of Women

Course Description
Effects upon national, international, and developmental policies when women are rendered visible and valued.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183792, 1

Learning Outcome
Students will discuss the dynamics of change in women's lives and in their societies, including the dynamics of religious beliefs, and to learn about programs for change that already exists

Title
Political Process, Theory, and Thought

Tags
183966, 1

Learning Outcome
Students will explore in greater depth women’s choices about education, family, and work in the developing world.

Title
Politics, International Relations, and Political Philosophy

Tags
184046, 0

Learning Outcome
Students will understand the roles women play in the world society as producers, reproducers, agencies of cultural continuity and change.

Title
Political Process, Theory, and Thought

Tags
184100, 2

Learning Outcome
Students will investigate transnational issues directly concerning women lives and their societies.

Title
Political Process, Theory, and Thought

Tags
184131, 3

Learning Outcome
Students will discuss the dynamics of change in women’s lives and in their societies, including the dynamics of religious beliefs, and to learn about programs for change that already exists

Title
Faith and Political Analysis

Tags
184435, 1

Learning Outcome
Be able to articulate principles of faith in political analysis.

Title
Politics, International Relations, and Political Philosophy

Tags
184436, 2

Learning Outcome
Demonstrate a familiarity with each of the four major subfields of political science: American politics, comparative politics, international relations, and political philosophy.

Title
Political Process, Theory, and Thought

Tags
184437, 3

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184438, 4

Learning Outcome
Think critically, analytically, and synthetically.

Title
Community Service

Tags
184439, 5

Learning Outcome
Want to serve the communities and organizations to which they belong.

POLI 473 - Human Rights

Course Information

Teaching Area (new)
POLI

Course Number
473

Teaching Area
POLI

Course Title
Human Rights

Course Description
Causes of human rights violations and societal and state responses; nature, history, and impacts of international human rights norms; ways to define and promote rights.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
184177, 1

Learning Outcome
Possess a factual and theoretical knowledge of human rights.

Title
Critical Thinking and Analysis

Tags
184178, 2

Learning Outcome
Think critically, analytically and synthetically about human rights

POLI 474 - Arab-Palestinian-Israeli Conflict

Course Information

Teaching Area (new)
POLI

Course Number
474

Teaching Area
POLI

Course Title
Arab-Palestinian-Israeli Conflict

Course Description
Emphasizes historical background, current situation, and alternatives leading to conflict resolution.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183793, 1

Learning Outcome
Students will have an increased understanding of the Arab-Israeli conflict and of the peoples, governments, and cultures it involves. Some of us enter this class with prior knowledge of the conflict; none of us enter with perfect knowledge

Title
Political Process, Theory, and Thought

Tags
183794, 2

Learning Outcome
Students will have an increased understanding of political and social analysis, terms, and ideas. We will discuss political science topics like "deterrence" and "conflict."

Title
Critical Thinking and Analysis

Tags
184146, 0

Learning Outcome
Students will have an increased ability to think, read, and write clearly.

Title
Political Process, Theory, and Thought

Tags
184440, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Critical Thinking and Analysis

Tags
184441, 2

Learning Outcome
Think critically, analytically, and synthetically.

POLI 475 - Civil Wars and Ethnic Violence

Course Information

Teaching Area (new)
POLI

Course Number
475

Teaching Area
POLI

Course Title
Civil Wars and Ethnic Violence

Course Description
Foundations of ethnic and nationalist identities and how they related to civil wars worldwide, emphasizing theoretical explanations of civil wars and their resolution. Key civil war cases examined.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Poli 200.

Recommended
Poli 150 or 250; 170 or 270; 328

Learning Outcomes

Title
Better understand civil war theories

Tags
183795, 1

Learning Outcome
Gain an understanding of the theoretical constructs for understanding civil wars and substate violence and explain major contemporary theories of civil war and ethnic conflict.

Title
Apply theories to real conflicts

Tags
183976, 5

Learning Outcome
Apply theories of civil conflict to historical and ongoing conflicts across different regions.

Title
Improve factual knowledge of civil war

Tags
184035, 2

Learning Outcome
Gain a factual understanding of major instances of civil war and ethnic conflict.

Title
Use appropriate methods

Tags
184442, 1

Learning Outcome
Understand appropriate methods of analysis and research, including qualitative and quantitative methods, to answer research questions related to civil conflict.

Title
Engage the literature meaningfully

Tags
184443, 2

Learning Outcome
Engage meaningfully with contemporary literature on civil wars and ethnic violence, as well as with ongoing policy debates surrounding substate violence.

Title
Produce original arguments about civil conflict

Tags
184444, 3

Learning Outcome
Produce original arguments relating to explanations of the causes, conduct, or consequences of civil conflict.

Title
Apply Gospel Values and Principles

Learning Outcome
Learn to apply gospel values and principles such as peacemaking in our personal lives and communities while understanding principles of peacemaking on a global scale.

POLI 476 - Terrorism

Course Information

Teaching Area (new)
POLI

Course Number
476

Teaching Area
POLI

Course Title
Terrorism

Course Description
Defining and conceptualizing terrorism; causes and varieties of terrorism; counterterrorism; the future of terrorism.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Recommended
Poli 150 or 250; 170 or 270; 328

Learning Outcomes

Title
Political Process, Theory, and Thought

Tags
183796, 1

Learning Outcome
Students will gain a knowledge of countries and wars, theoretically and factually

Title
Critical Thinking and Analysis

Tags
183939, 3

Learning Outcome
Students will think critically, analytically, and synthetically.

Title
Effective and Professional Writing

Tags
184090, 1

Learning Outcome
Students will write professional research papers

Title
Effective Oral Communication

Tags
184166, 2

Learning Outcome
Students will communicate effectively in a high quality oral presentation

Title
Political Process, Theory, and Thought

Tags
184211, 1

Learning Outcome
Possess a factual and theoretical knowledge of countries, political processes, political theories, and political thought.

Title
Effective and Professional Writing

Tags
184212, 2

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Tags
184213, 3

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Critical Thinking and Analysis

Tags
184214, 4

Learning Outcome
Think critically, analytically, and synthetically.

POLI 491R - Center for the Study of Elections and Democracy - Lab

Course Information

Teaching Area (new)
POLI

Course Number
491R

Teaching Area
POLI

Course Title
Center for the Study of Elections and Democracy - Lab

Course Description
Discuss and critique emerging research. Propose, execute, present, and critique undergraduate research projects relevant to American elections and governance.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance as CSED (Center for the Study of Elections and Democracy) fellow.

Recommended
None

Learning Outcomes

Title
Political Process, Theory, and Thought

Learning Outcome
Use factual and theoretical knowledge to explain politics in at least one specialized area.

Title
Effective and Professional Writing

Learning Outcome
Write professional grade research papers on political science questions.

Title
Effective Oral Communication

Learning Outcome
Communicate effectively by presenting ideas in a high quality oral presentation.

Title
Effective Research and Analysis

Learning Outcome
Use appropriate methods of analysis and research, including qualitative and quantitative methods, historical comparison, and textual interpretation to answer political questions.

POLI 492R - Global Politics Lab

Course Information

Teaching Area (new)
POLI

Course Number
492R

Teaching Area
POLI

Course Title
Global Politics Lab

Course Description
Discuss and critique emerging research. Propose, execute, present, and critique undergraduate research projects relevant to global politics.

Department
Political Science

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance as GPL fellow.

POLI 497R - Mentored Research

Course Information

Teaching Area (new)
POLI

Course Number
497R

Teaching Area
POLI

Course Title
Mentored Research

Course Description
Original research under the guidance of a faculty mentor. Proposals must be approved by the department curriculum coordinator.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- POLI 200 - Political Inquiry

Learning Outcomes

Title
Mentored Research Project

Tags
184492, 1

Learning Outcome
Students will complete a mentored research project related to an area of political science.

POLI 498R - Directed Readings

Course Information

Teaching Area (new)
POLI

Course Number
498R

Teaching Area
POLI

Course Title
Directed Readings

Course Description
Students will read, evaluate, and critique literature related to a specific topic area in political science.

Department
Political Science

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Political science major status; senior status; department chair's and instructor's consent.

Learning Outcomes

Title
Political Science Directed Readings

Tags
184495, 1

Learning Outcome
Students will read,evaluate, and critique literature related to a specific topic area in political science.

POLSH 100 - Language Study: Polish

Course Information

Teaching Area (new)
POLSH

Course Number
100

Teaching Area
POLSH

Course Title
Language Study: Polish

Course Description
Survival-level conversation, reading, listening, and culture skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197751, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197752, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197753, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

POLSH 101 - First-Year Polish

Course Information

Teaching Area (new)
POLSH

Course Number
101

Teaching Area
POLSH

Course Title
First-Year Polish

Course Description
Beginning speaking, listening, reading, and writing skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Culture

Tags
193089, 3

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Writing

Tags
193179, 2

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Comprehension

Tags
193188, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193224, 0

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

POLSH 102 - First-Year Polish

Course Information

Teaching Area (new)
POLSH

Course Number
102

Teaching Area
POLSH

Course Title
First-Year Polish

Course Description
Second-semester speaking, listening, reading, and writing skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 101 - First-Year Polish

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
193074, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Culture

Tags
193110, 3

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Writing

Tags
193117, 2

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Speaking

Tags
193207, 0

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

POLSH 201 - Second-Year Polish

Course Information

Teaching Area (new)
POLSH

Course Number
201

Teaching Area
POLSH

Course Title
Second-Year Polish

Course Description
Intermediate speaking, listening, reading, and writing skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 102 - First-Year Polish

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
193102, 3

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Title
Elaboration

Tags
193118, 0

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
193155, 1

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
193171, 2

Learning Outcome
Review and increase understanding of basic language structures.

POLSH 202 - Second-Year Polish

Course Information

Teaching Area (new)
POLSH

Course Number
202

Teaching Area
POLSH

Course Title
Second-Year Polish

Course Description
Continued emphasis on Polish communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 201 - Second-Year Polish

Other Prerequisites
Teacher may waive prerequisite based on prior experience.

Note
Culminating course for Languages of Learning requirement.

Learning Outcomes

Title
GE Languages of Learning

Tags
192047, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Title
Comprehension

Tags
193062, 1

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Communication skills

Tags
193145, 0

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Cultural Knowledge

Tags
193167, 2

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

POLSH 211R - Second-Year Conversation

Course Information

Teaching Area (new)
POLSH

Course Number
211R

Teaching Area
POLSH

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 201 - Second-Year Polish

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Survival Transactions

Tags
193146, 1

Learning Outcome
Carry out “survival” transactions (shopping, getting directions, ordering meals, etc.)

Title
Conversations

Tags
193243, 0

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Pronunciation and Accuracy

Tags
194895, 2

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

POLSH 305 - Language Skills Development: Polish

Course Information

Teaching Area (new)
POLSH

Course Number
305

Teaching Area
POLSH

Course Title
Language Skills Development: Polish

Course Description
Increasing proficiency in one or more of the following Polish language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197748, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197749, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197750, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

POLSH 311R - Third-Year Conversation

Course Information

Teaching Area (new)
POLSH

Course Number
311R

Teaching Area
POLSH

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills in Polish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 211R - Second-Year Conversation

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversations

Tags
193103, 0

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

Title
Strategies

Tags
193172, 2

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

Title
Organized Speech

Tags
193185, 1

Learning Outcome
Begin to speak in "oral paragraphs."

Title
Pronunciation and Accuracy

Tags
193238, 3

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

POLSH 321 - Advanced Grammar: Polish

Course Information

Teaching Area (new)
POLSH

Course Number
321

Teaching Area
POLSH

Course Title
Advanced Grammar: Polish

Course Description
Advance your Polish through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197745, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197746, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197747, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

POLSH 330 - Cultural History of Poland

Course Information

Teaching Area (new)
POLSH

Course Number
330

Teaching Area
POLSH

Course Title
Cultural History of Poland

Course Description
Study of Polish culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Polsh 202 or foreign residence experience

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
General Education

Tags
192046, 8

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Title
Comprehension

Tags
193099, 3

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Communication Skills

Tags
193140, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Cultural Knowledge

Tags
193203, 5

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

POLSH 340 - Polish Literature Survey

Course Information

Teaching Area (new)
POLSH

Course Number
340

Teaching Area
POLSH

Course Title
Polish Literature Survey

Course Description
Explore Polish culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
193092, 0

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Language Skills

Tags
193139, 3

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Title
Context

Tags
193141, 2

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Key Characteristics

Tags
193142, 1

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

POLSH 350 - Advanced Language Study for Career Purposes: Polish

Course Information

Teaching Area (new)
POLSH

Course Number
350

Teaching Area
POLSH

Course Title
Advanced Language Study for Career Purposes: Polish

Course Description
Concentration on Polish language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- POLSH 330 - Cultural History of Poland

Learning Outcomes

Title
Defined Career Purposes

Tags
197740, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197741, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197742, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197743, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197744, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

PORT 101 - First-Year Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
101

Teaching Area
PORT

Course Title
First-Year Portuguese

Course Description
Pronunciation, conversation, reading, and fundamentals of grammar. Specific attention to Portuguese as the language of Brazil.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Note
Native Portuguese speakers and Portuguese-speaking returned missionaries enroll in Port 321.

Learning Outcomes

Title
Communicate verbally in routine situations

Tags
199154, 1

Learning Outcome
Communicate verbally in routine situations such as greeting people and becoming acquainted.

Title
Write short messages

Tags
199188, 5

Learning Outcome
Write word- and sentence-length messages such as lists, biographical information on forms, and descriptions of people and things.

Title
Understand simple conversations

Tags
199553, 2

Learning Outcome
Understand the main ideas in simple conversations about some familiar, concrete topics such as daily activities, likes and dislikes, family, and home.

Title
Read short texts

Tags
199554, 4

Learning Outcome
Read short texts such as text messages, emails, posts on social media, and personal ads.

Title
Identify basic facts about Lusophone countries

Tags
199555, 6

Learning Outcome
Identify basic facts about some Portuguese-speaking countries.

PORT 102 - First-Year Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
102

Teaching Area
PORT

Course Title
First-Year Portuguese

Course Description
Pronunciation, conversation, reading, and fundamentals of grammar. Specific attention to Portuguese as the language of Brazil.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Recommended
Port 101.

Note
Native speakers of Portuguese must enroll in Port 321.

Learning Outcomes

Title
Identify cultural products, practices, and perspectives

Tags
199250, 5

Learning Outcome
Identify basic cultural products, practices, and perspectives from Portuguese-speaking countries.

Title
Understand simple conversations

Tags
199252, 2

Learning Outcome
Understand simple conversations about some familiar, concrete topics such as daily activities, likes and dislikes, family, and home.

Title
Participate in short conversations

Tags
199556, 1

Learning Outcome
Participate in short conversations about some familiar, concrete topics such as self, family, friends, and daily activities.

Title
Read simple texts

Tags
199557, 3

Learning Outcome
Read simple texts such as advertisements, travel brochures, and cultural explanations from the textbook.

Title
Write short messages

Tags
199558, 4

Learning Outcome
Write short messages such as letters and emails.

PORT 105 - Portuguese for Spanish Speakers 1

Course Information

Teaching Area (new)
PORT

Course Number
105

Teaching Area
PORT

Course Title
Portuguese for Spanish Speakers 1

Course Description
Intensive course designed for students fluent in Spanish or another Romance language. No previous knowledge of Portuguese required. Emphasis on development of oral skills, vocaulary, grammar, and understanding of Lusophone cultures.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Note
For students with an extensive background in a Romance language. Note: Native Portuguese speakers and Portuguese-speaking returned missionaries CANNOT take this course.

Learning Outcomes

Title
Explain cultural aspects

Tags
199298, 6

Learning Outcome
Know basic facts about some Portuguese-speaking countries and identify cultural products, practices, and perspectives from these countries.

Learning Outcome
Write short texts such as biographical information, correspondence, and personal experiences.

Title
Differentiate between Spanish and Portuguese

Tags
199299, 7

Learning Outcome
Differentiate between basic Spanish and Portuguese grammar, vocabulary, and spelling conventions.

Title
Create with language

Tags
199625, 5

Learning Outcome
Create sentences in the past, present, and future using basic grammar rules and vocabulary with reasonable accuracy.

Title
Understand spoken Portuguese

Tags
199300, 2

Learning Outcome
Understand conversations and monologues in spoken Brazilian Portuguese on familiar topics.

Title
Participate in conversations

Tags
199569, 1

Learning Outcome
Participate fully in conversations by asking and answering questions about some familiar, concrete topics such as self, family, friends, and daily activities.

Title
Read short authentic texts

Tags
199623, 3

Learning Outcome
Read short authentic texts, including informative texts, news articles, and short stories.

Title
Write short texts

Tags
199624, 4

PORT 201 - Third-Semester Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
201

Teaching Area
PORT

Course Title
Third-Semester Portuguese

Course Description
Second-year grammar, reading, writing, and conversation.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
Port 102 or three units of high school Portuguese.

Note
Native Portuguese speakers and Portuguese-speaking returned missionaries enroll in Port 321.

Learning Outcomes

Title
Converse about concrete topics

Tags
199559, 0

Learning Outcome
Participate fully in conversations about concrete topics such as self and others, work, and school.

Title
Handle straightforward transactional situations

Tags
199560, 1

Learning Outcome
Handle straightforward transactional situations such as requesting services or making reservations.

Title
Understand spoken texts

Tags
199561, 4

Learning Outcome
Understand the main ideas from audio and video texts, such as commercials and news broadcasts, on familiar topics.

Title
Read short journalistic and literary texts

Tags
199562, 5

Learning Outcome
Read short journalistic and literary texts, such as articles and cronicas, on familiar topics.

Title
Write short compositions

Tags
199563, 6

Learning Outcome
Write short, simple compositions in a variety of genres (stories, résumés, skits, etc.)

Title
Discuss cultural norms

Tags
199564, 8

Learning Outcome
Discuss some differences between the cultural norms of Americans and Portuguese speakers.

PORT 202 - Fourth-Semester Portuguese: Reading and Comprehension

Course Information

Teaching Area (new)
PORT

Course Number
202

Teaching Area
PORT

Course Title
Fourth-Semester Portuguese: Reading and Comprehension

Course Description
Fourth-semester class introducing grammar and culture through study of literature.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Recommended
Port 201.

Note
Not for returned missionaries. Culmination of GE Mathematics/Foreign Language requirement. Native speakers of Portuguese must take Port 321.

Learning Outcomes

Title
Write short compositions

Tags
199179, 5

Learning Outcome
Write simple compositions in a variety of genres (letters, pamphlets, articles, short stories, etc.).

Title
Converse about topics of general interest

Tags
199565, 0

Learning Outcome
Converst about some topics of general interest and tell about some past experiences.

Title
Handle some situations with a complication

Tags
199566, 1

Learning Outcome
Handle some situations with an unforeseen complication, such as resolving disagreements or customer complaints.

Title
Discuss cultural differences

Tags
199567, 7

Learning Outcome
Discuss some differences between the U.S. and Portuguese-speaking countries in terms of cultural products, practices, and perspectives.

Title
Understand audio and video texts

Tags
199568, 3

Learning Outcome
Understand the main ideas and some details from authentic audio and video texts on cultural topics from Portuguese-speaking cultures, such as TV and radio programs and films.

Title
Analyze medium-length cultural texts

Tags
199717, 4

Learning Outcome
Understand and analyze medium-length journalistic and literary texts within their cultural and historical context.

PORT 205 - Portuguese for Spanish Speakers 2

Course Information

Teaching Area (new)
PORT

Course Number
205

Teaching Area
PORT

Course Title
Portuguese for Spanish Speakers 2

Course Description
Intensive course designed for students fluent in Spanish or another Romance language. Emphasizes development of reading and writing skills and understanding of Lusophone literary works and cultures.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
Port 105.

Learning Outcomes

Title
Write short compositions

Tags
199301, 5

Learning Outcome
Write short compositions in a variety of genres (letters, skits, short stories, etc.).

Title
Discuss cultural themes and compare perspectives

Tags
199302, 7

Learning Outcome
Discuss some common themes from Portuguese-speaking cultures and the differences between the perspectives of these cultures and those of North American and Hispanic cultures.

Title
Converse about topics of general interest

Tags
199303, 1

Learning Outcome
Carry on conversations about an increasing range of topics of general interest and handle some oral situations in which a complication arises (resolving disagreements, traffic violations, etc.).

Title
Understand spoken Portuguese

Tags
199304, 3

Learning Outcome
Understand oral conversations, announcements, and media reports about topics of general interest.

Title
Use language with increasing accuracy

Tags
199626, 6

Learning Outcome
Use Portuguese grammar and vocabulary with increasing accuracy and ability to differentiate from Spanish.

Title
Read journalistic and literary texts

Tags
199627, 4

Learning Outcome
Read journalistic and literary texts on familiar topics and current events, including short stories and a full-length play.

PORT 206 - Intensive Portuguese Skills Development

Course Information

Teaching Area (new)
PORT

Course Number
206

Teaching Area
PORT

Course Title
Intensive Portuguese Skills Development

Course Description
Intensive development of oral and literacy skills at the Intermediate High to Advanced Low level, with emphasis on improving grammatical accuracy, fluency, and cultural competence. Intended to prepare students for Port 321 and subsequent courses.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Recommended
Port 202 or Port 205 or equivalent experience.

Note
Course fulfills GE Languages of Learning requirement. Students enrolled in the course may also be eligible to take the Portuguese Challenge Exam for 12 credits (see Dept. of Spanish and Portuguese website for more information).

Learning Outcomes

Title
Write compositions to meet academic needs

Tags
199641, 3

Learning Outcome
Write short compositions and a research paper with sufficient grammatical accuracy to meet academic needs in higher-level courses.

Title
Communicate at the Intermediate High to Advanced Low level

Tags
199645, 1

Learning Outcome
Demonstrate proficiency in Portuguese at the Intermediate High to Advanced Low level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines for speaking, listening, reading, and writing.

Title
Analyze and interpret oral and written texts

Tags
199646, 2

Learning Outcome
Analyze and interpret a selection of oral and written texts from Portuguese-speaking countries, including films, short stories, and journalistic articles, within their historical and cultural context.

PORT 211R - Portuguese Conversation at the Intermediate Level

Course Information

Teaching Area (new)
PORT

Course Number
211R

Teaching Area
PORT

Course Title
Portuguese Conversation at the Intermediate Level

Course Description
Development of interpersonal and presentational speaking skills in Portuguese at the ACTFL Intermediate Low to Intermediate Mid level.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Recommended
Concurrent enrollment in Port 201

Learning Outcomes

Title
Presentational Communication

Tags
210518, 0, 2

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

Title
Interpersonal Communication

Tags
210517, 0, 1

Learning Outcome
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

Title
Interpersonal communication

Tags
199428, 1

Learning Outcome
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

Title
Presentational communication

Tags
199431, 2

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

PORT 212 - Second-Semester Conversation

Course Information

Teaching Area (new)
PORT

Course Number
212

Teaching Area
PORT

Course Title
Second-Semester Conversation

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Course to be deleted

Tags
199432, 0, 1

Learning Outcome
This course was submitted for retirement in Fall 2015.

PORT 311R - Portuguese Conversation at the Advanced Level

Course Information

Teaching Area (new)
PORT

Course Number
311R

Teaching Area
PORT

Course Title
Portuguese Conversation at the Advanced Level

Course Description
Development of interpersonal and presentational speaking skills in Portuguese at the Advanced Low to Advanced Mid level. Not for native speakers.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Note
Will not count for major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210519, 0, 1

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

Title
Presentational Communication

Tags
210520, 0, 2

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

Title
Interpersonal communication

Tags
199433, 0

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

Title
Presentational communication

Tags
199434, 1

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Course Information

Teaching Area (new)
PORT

Course Number
321

Teaching Area
PORT

Course Title
Third-Year Portuguese Reading, Grammar, and Culture

Course Description
Intensive study and practice with Portuguese grammar and vocabulary, in the context of cultural and literary readings.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Minimum of one year in a Portuguese-speaking mission or equivalent language immersion experience, or course work through PORT 206 or equivalent. Intermediate High to Advanced Low proficiency expected. See department website for more information.

Learning Outcomes

Title
Analyze literary works

Tags
199711, 0, 2

Learning Outcome
Identify and analyze a selection of literary works in Portuguese.

Title
Demonstrate linguistic proficiency

Tags
199459, 0, 1

Learning Outcome
Demonstrate skills characteristic of the Advanced proficiency level (as defined by the ACTFL Proficiency Guidelines) in presentational, interpretive, and interpersonal communication.

Title
Demonstrate understanding of Lusophone cultures

Tags
199707, 0, 3

Learning Outcome
Identify and describe cultural themes and topics from a variety of regions and peoples from the Portuguese-speaking world.

Title
Develop linguistic self-awareness

Tags
199710, 0, 4

Learning Outcome
Assess areas of strength and weakness in their Portuguese skills and identify specific areas for improvement.

PORT 322 - Third-Year Portuguese Grammar and Composition

Course Information

Teaching Area (new)
PORT

Course Number
322

Teaching Area
PORT

Course Title
Third-Year Portuguese Grammar and Composition

Course Description
Development of presentational writing and speaking skills at the ACTFL Advanced level, with emphasis on writing processes and strategies.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Write argumentative essays

Tags
199379, 1

Learning Outcome
Write argumentative essays analyzing specific texts or topics, introducing a clear thesis and developing arguments to support the thesis using valid reasoning and sufficient evidence.

Title
Write expository research papers

Tags
199380, 2

Learning Outcome
Write expository research papers that gather and synthesize information from multiple sources, develop and support the topic with well-chosen facts and examples, and organize ideas to make important connections and distinctions.

Title
Apply writing conventions

Tags
199381, 4

Learning Outcome
Apply writing conventions from appropriate style guides (e.g., MLA, APA, Chicago, etc.) in composing papers and citing references.

Title
Apply writing strategies and processes

Tags
199460, 3

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Give oral presentations

Tags
199588, 5

Learning Outcome
Effectively deliver formal oral presentations that are tailored to a specific audience, making use of appropriate presentational media.

Title
Convey meaning accurately

Tags
199589, 6

Learning Outcome
Convey meaning orally and in writing using a register and level of grammatical accuracy appropriate for academic and professional audiences.

PORT 323A - Portuguese for Medical Professions

Course Information

Teaching Area (new)
PORT

Course Number
323A

Teaching Area
PORT

Course Title
Portuguese for Medical Professions

Course Description
Introduction to medical terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Acquire specialized vocabulary

Tags
211731, 0, 1

Learning Outcome
Acquire specialized Portuguese vocabulary related to health care professions.

Title
Read authentic documents

Tags
211732, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to medical care.

Title
Compose written documents

Tags
211733, 0, 3

Learning Outcome
Compose written documents related to the field of health care, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211734, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211735, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Portuguese speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211736, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

PORT 323B - Portuguese for Business Professions

Course Information

Teaching Area (new)
PORT

Course Number
323B

Teaching Area
PORT

Course Title
Portuguese for Business Professions

Course Description
Introduction to business terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Acquire specialized vocabulary

Tags
211743, 0, 1

Learning Outcome
Acquire specialized Spanish vocabulary related to business professions.

Title
Read authentic documents

Tags
211744, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to business professions.

Title
Compose written documents

Tags
211745, 0, 3

Learning Outcome
Compose written documents related to the field of business, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211746, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211747, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Portuguese speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211748, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of business.

PORT 325 - Survey of Luso-Brazilian Linguistics

Course Information

Teaching Area (new)
PORT

Course Number
325

Teaching Area
PORT

Course Title
Survey of Luso-Brazilian Linguistics

Course Description
Introduction to linguistics of Portuguese: phonetics, phonology, morphology, syntax, semantics, history of the Portuguese language, philology, dialectology, sociolinguistics, and psycholinguistics.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Explain general principles of linguistics

Tags
199385, 1

Learning Outcome
Identify and explain the foundational concepts of linguistics.

Title
Describe major subfields of linguistics

Tags
199386, 2

Learning Outcome
Describe elements of the sound system, the structure of words and sentences, and the semantic properties of Portuguese.

Title
Relate linguistic principles to language variation

Tags
199387, 3

Learning Outcome
Relate basic principles of linguistics and knowledge of its major subfields to how language varies socially, geographically, and temporally.

PORT 326 - Portuguese Phonetics and Pronunciation

Course Information

Teaching Area (new)
PORT

Course Number
326

Teaching Area
PORT

Course Title
Portuguese Phonetics and Pronunciation

Course Description
Underlying concepts of Portuguese speech production and applications to pronunciation.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Describe articulatory phonetics

Tags
199392, 1

Learning Outcome
Describe the physiology of sound production and how the sounds of Portuguese are articulated.

Title
Analyze structure of Portuguese sound system

Tags
199393, 2

Learning Outcome
Explain and analyze the principles underlying the Portuguese sound system and the relationships among its basic units.

Title
Transcribe texts phonetically

Tags
199394, 3

Learning Outcome
Transcribe phonetically both oral and written texts in Portuguese.

Title
Improve Portuguese pronunciation

Tags
199395, 4

Learning Outcome
Demonstrate improvement in the pronunciation of Portuguese.

PORT 330 - Introduction to Portuguese and Brazilian Literature

Course Information

Teaching Area (new)
PORT

Course Number
330

Teaching Area
PORT

Course Title
Introduction to Portuguese and Brazilian Literature

Course Description
Readings in modern literature; formal literary analysis.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Describe literary genres

Tags
199417, 1

Learning Outcome
Describe and analyze the most salient elements of key literary genres including poetry, prose, and theater.

Title
Apply tools of literary interpretation

Tags
199418, 2

Learning Outcome
Apply fundamental tools of literary interpretation through reading, writing, and the discussion of a balanced selection of works from the Portuguese-speaking world.

Title
Write about literature

Tags
199419, 3

Learning Outcome
Write in Portuguese about literature with a reasonable degree of grammatical correctness and fluency.

PORT 341 - Survey of Literature of Portugal

Course Information

Teaching Area (new)
PORT

Course Number
341

Teaching Area
PORT

Course Title
Survey of Literature of Portugal

Course Description
Literary periods, genres, and great writers of Portugal.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Interpret texts

Tags
199420, 1

Learning Outcome
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

Title
Write interpretive/research papers

Tags
199423, 3

Learning Outcome
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

Title
Differentiate among contexts

Tags
199464, 2

Learning Outcome
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Portuguese literature.

PORT 345 - Cultures of Portugal

Course Information

Teaching Area (new)
PORT

Course Number
345

Teaching Area
PORT

Course Title
Cultures of Portugal

Course Description
Culture, history, art, music, and traditions of Portugal.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Describe geographic regions

Tags
199353, 1

Learning Outcome
Students will be able to describe the principal geographic regions, that might include topological features, important cities, etc.

Title
Analyze historical periods and current events

Tags
199354, 2

Learning Outcome
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

Title
Describe cultural products, institutions, and practices

Tags
199355, 3

Learning Outcome
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

Title
Discuss influence of own culture

Tags
199356, 4

Learning Outcome
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

Title
Conduct research

Tags
199357, 5

Learning Outcome
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

PORT 351 - Survey of Literature of Brazil

Course Information

Teaching Area (new)
PORT

Course Number
351

Teaching Area
PORT

Course Title
Survey of Literature of Brazil

Course Description
Literary periods, genres, and great writers of Brazil.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Interpret texts

Tags
199421, 1

Learning Outcome
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

Title
Write persuasive/research papers

Tags
199422, 3

Learning Outcome
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

Title
Differentiate among contexts

Tags
199465, 2

Learning Outcome
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Brazilian literature.

PORT 355 - Cultures of Brazil

Course Information

Teaching Area (new)
PORT

Course Number
355

Teaching Area
PORT

Course Title
Cultures of Brazil

Course Description
Culture, history, art, music, and traditions of Brazil.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Analyze historical periods and current events

Tags
199358, 2

Learning Outcome
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

Title
Discuss influence of cultural background

Tags
199359, 4

Learning Outcome
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

Title
Describe cultural products, institutions, and practices

Tags
199360, 3

Learning Outcome
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

Title
Conduct research

Tags
199361, 5

Learning Outcome
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

Title
Describe geographic regions

Tags
199362, 1

Learning Outcome
Describe the principal geographic regions, that might include topological features, important cities, etc.

PORT 360 - Introduction to Translation

Course Information

Teaching Area (new)
PORT

Course Number
360

Teaching Area
PORT

Course Title
Introduction to Translation

Course Description
Readings, individual research projects, and group translation activities. How the translation profession works. Developing the ability to translate general financial and legal texts. Learning to read texts critically.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Professional level translations

Tags
199202, 1

Learning Outcome
Students will produce, after several edited iterations, a legible translation of a professional treatise or work of fiction, appropriate to the social register of their audience.

Title
Vocabulary development

Tags
199226, 0

Learning Outcome
Students will produce a log of their own malapropisms and false cognates (minimum 100 words or conjugational parts).

PORT 377 - Methods of Portuguese Teaching

Course Information

Teaching Area (new)
PORT

Course Number
377

Teaching Area
PORT

Course Title
Methods of Portuguese Teaching

Course Description
Methods for planning Portuguese language and culture instruction, teaching communicative skills, and assessing students' learning. Course is geared toward instructors at K-12 as well as university level.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Select and evaluate textbooks

Tags
199274, 2

Learning Outcome

Select and evaluate textbooks for teaching Portuguese.

Title
Discuss historical trends in methodologies

Tags
199592, 1

Learning Outcome

Discuss historical trends and methodologies in the teaching of foreign languages.

Title
Differentiate instruction

Tags
199593, 4

Learning Outcome

Differentiate instruction to meet the needs of diverse students, including Spanish speakers.

Title
Plan and implement instruction

Tags
199594, 3

Learning Outcome

Plan and implement units and lessons incorporating the *World-Readiness Standards for Learning Languages,* as well as grammar and vocabulary, in a thematic context

Title
Create and adapt assessments

Tags
199595, 5

Learning Outcome

Create and adapt formative and summative assessments, including tests, project, rubrics and portfolios, to assess language and culture learning and to inform instruction

Title
Apply technological tools

Tags
199596, 6

Learning Outcome

Apply technological tools for teaching languages and cultures, as well as for collaborating with colleagues in professional communities.

PORT 395R - Contemporary Culture

Course Information

Teaching Area (new)
PORT

Course Number
395R

Teaching Area
PORT

Course Title
Contemporary Culture

Course Description
Contemporary Portuguese or Brazilian culture: the people and their customs and institutions.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
For Study Abroad programs only.

Learning Outcomes

Title
Macro-Cultural Competence

Tags
199039, 1

Learning Outcome
Through readings, develop a familiarity with macro forces (historical, political, economical) that have shaped the host culture.

Title
Micro-Cultural Competence

Tags
199040, 2

Learning Outcome
Through a series of cultural proofs (visits, interviews, observations), develop a familiarity with the host culture at the level of the individual.

PORT 399R - Academic Internship: Portuguese Language Field Experience

Course Information

Teaching Area (new)
PORT

Course Number
399R

Teaching Area
PORT

Course Title
Academic Internship: Portuguese Language Field Experience

Course Description
On-the-job experience.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Competencies

Tags
199325, 0, 0

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

Title
Reflection

Tags
209550, 0, 1

Learning Outcome
Students will be able to translate the value of professional development experience through guided reflection activites in order to tell their story.

PORT 421 - Advanced Portuguese Grammar for Language Proficiency

Course Information

Course Number
421

Teaching Area
PORT

Course Title
Advanced Portuguese Grammar for Language Proficiency

Course Description
Fourth year study of grammar and Portuguese usage for advanced language proficiency.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Grammar Knowledge

Learning Outcome
Students will demonstrate mastery of advanced grammar concepts in Portuguese.

Title
Linguistic Proficiency

Learning Outcome
Students will demonstrate skills reflective of the ACTFL Advanced Mid – Advanced High proficiency levels.

Title
Life-long Learning and Improvement

Learning Outcome
Students will exhibit linguistic self-awareness through the development of specific plans to improve their language proficiency

Title
Sociolinguistic competence

Learning Outcome
Students will demonstrate knowledge of linguistic variety in the Portuguese-speaking world, including genre and register variation.

PORT 429R - Special Topics in Portuguese Linguistics

Course Information

Teaching Area (new)
PORT

Course Number
429R

Teaching Area
PORT

Course Title
Special Topics in Portuguese Linguistics

Course Description
Course content varies yearly; focuses on specific area of linguistics such as dialectology or sociolinguistics.

Department
Spanish and Portuguese

When Taught
Winter Odd Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture
  AND PORT 325 - Survey of Luso-Brazilian Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture
  AND PORT 326 - Portuguese Phonetics and Pronunciation

Learning Outcomes

Title
Read and analyze research

Tags
210503, 0, 1, 2020-10-13 12:18:41

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
210504, 0, 2, 2020-10-13 12:18:41

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

PORT 431R - African Literature in Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
431R

Teaching Area
PORT

Course Title
African Literature in Portuguese

Course Description
Modern authors from the five African nations whose official language is Portuguese: Angola, Cabo Verde, Guine Bissau, Mozambique, and the two-island republic Sao Tome and Principe. Authors include Jose Craveirinha, Mia Couto, Noemia de Sousa, Jose Tenreiro, Castro Soromenho, Luandino Vieira, Pepetala, and Baltasar Lopes, among others.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Aesthetic Constructs, Genres, and Context

Tags
199058, 0, 1, 2020-10-13 12:19:04

Learning Outcome
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

Title
Literary Study Skills

Tags
199059, 0, 3, 2020-10-13 12:19:04

Learning Outcome
Develop the habits and skills for Luso-African literary study that inspire continued learning.

Title
Research

Tags
199060, 0, 5, 2020-10-13 12:19:04

Learning Outcome
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

Title
Literary Analysis

Tags
199061, 0, 6, 2020-10-13 12:19:04

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Luso-African literary texts.

PORT 435 - Cultures of Portuguese-Speaking Africa and Asia

Course Information

Course Number
435

Teaching Area
PORT

Course Title
Cultures of Portuguese-Speaking Africa and Asia

Course Description
Culture, history, art, music, and traditions of Portuguese-speaking countries in Africa and Asia.

Department
Spanish and Portuguese

When Taught
Winter Odd Years

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Describe geographic regions

Learning Outcome
Describe the principal geographic regions of Portuguese-speaking Africa and Asia and the notable features within them (topographical formations, cities, historical sites, etc.)

Title
Analyze historical periods and current events

Learning Outcome
Describe and analyze major historical moments/periods of Lusophone Africa and Asia, tying them to current events (e.g., political, social, artistic, and religious developments)

Title
Describe cultural products, institutions, and practices

Learning Outcome
Recognize and describe important Portuguese-speaking African and Asian cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

Title
Discuss influence of cultural background

Learning Outcome
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

Title
Connect cultures of the world with the culture of the restored gospel

Learning Outcome
Persuasively articulate how studying and engaging with other cultures fosters empathy and prepares individuals to be more Christlike disciples and ministers, both now and in the future.

PORT 437R - Women Writers in Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
437R

Teaching Area
PORT

Course Title
Women Writers in Portuguese

Course Description
Readings and research about women writers in Portuguese and their texts.

Department
Spanish and Portuguese

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Identify key women authors and texts

Tags
207051, 1

Learning Outcome
Identify key women authors who write in Portuguese and describe the significance of some of their texts.

Title
Critically read and analyze texts

Tags
207052, 2

Learning Outcome
Critically read women-authored texts and analyze them within their cultural and literary contexts.

Title
Identify cultural issues affecting women writers

Tags
207053, 3

Learning Outcome
Identify specific cultural practices from the Portuguese-speaking world that have impinged on women writers and their texts.

Title
Engage in self-reflection

Tags
207074, 5

Learning Outcome
Articulate the ways in which cultural practices related to gender have affected their own lives.

Title
Discuss critical questions in relation to women writers

Tags
207075, 4

Learning Outcome
Identify major questions in the current critical discourse related to women writers and engage those questions in relation to specific woman-authored text(s) in competent written essays.

PORT 438 - Luso-Brazilian Cinema

Course Information

Teaching Area (new)
PORT

Course Number
438

Teaching Area
PORT

Course Title
Luso-Brazilian Cinema

Course Description
Introduction to study of film; background in appreciating the best of motion picture art in Brazil, Portugal and other Lusophone countries.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Apply tools of film analysis

Tags
199411, 1

Learning Outcome
Demonstrate a mastery of basic tools of film analysis through the study of a variety of films from various film industries from Portugal and/or Brazil.

Title
Recognize film history

Tags
199412, 2

Learning Outcome
Recognize key moments and figures of film industries of Portugal and/or Brazil

Title
Write persuasive essays

Tags
199413, 3

Learning Outcome
Write cogent, persuasive essays using the tools of film analysis.

PORT 439R - Luso-Brazilian Theatre Production

Course Information

Teaching Area (new)
PORT

Course Number
439R

Teaching Area
PORT

Course Title
Luso-Brazilian Theatre Production

Course Description
Theory and practice of dramatic performance. Includes participation in play to be performed during semester.

Department
Spanish and Portuguese

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
No more than 3 hours of 439R credit may count toward any degree.

Learning Outcomes

Title
Demonstrate understanding of dramatic theory and practice

Tags
199468, 2

Learning Outcome
Demonstrate understanding of the theory and practice of dramatic performances.

Title
Participate in production of a play

Tags
199469, 3

Learning Outcome
Participate in the production of a play during the course of the semester.

Title
Develop research and writing skills

Tags
199472, 5

Learning Outcome
Develop advanced skills in researching and writing about theatre.

PORT 442 - Camoes

Course Information

Teaching Area (new)
PORT

Course Number
442

Teaching Area
PORT

Course Title
Camoes

Course Description
Critical study of the works of Portuguese poet Luis Vaz de Camoes.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Portuguese Literary History

Tags
199041, 1

Learning Outcome
Demonstrate thorough understanding of Portuguese literary history, the context for the work of Camões and its reception.

Title
Critical Practice

Tags
199042, 3

Learning Outcome
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.)

Title
Advanced Research and Writing

Tags
199043, 5

Learning Outcome
Develop advanced skills in research techniques and academic writing.

PORT 447R - Special Topics in Cultures of Portugal

Course Information

Teaching Area (new)
PORT

Course Number
447R

Teaching Area
PORT

Course Title
Special Topics in Cultures of Portugal

Course Description
An in-depth examination of some aspect of Iberian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Portugal and/or those who desire a more focused experience.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Identify, describe, and discuss cultural aspects

Tags
199492, 0, 1, 2020-10-13 12:18:28

Learning Outcome
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

Title
Critically analyze cultural products and practices

Tags
199493, 0, 2, 2020-10-13 12:18:28

Learning Outcome
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

Title
Conduct cultural research

Tags
199494, 0, 3, 2020-10-13 12:18:28

Learning Outcome
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

PORT 449R - Special Topics in Portuguese Literature

Course Information

Teaching Area (new)
PORT

Course Number
449R

Teaching Area
PORT

Course Title
Special Topics in Portuguese Literature

Course Description
Specific topics in Portuguese (Peninsular) literature. Course content will vary each semester to offer optimum exposure to all areas of Portuguese literature.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Aesthetic Constructs, Genres, and Context

Tags
199044, 1

Learning Outcome
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

Title
Research

Tags
199045, 3

Learning Outcome
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

Title
Literary Study Skills

Tags
199046, 4

Learning Outcome
Develop the habits and skills for Portuguese literary study that inspire continued learning.

Title
Literary Analysis

Tags
199047, 6

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Portuguese Literature special topics.

PORT 452 - Machado de Assis

Course Information

Teaching Area (new)
PORT

Course Number
452

Teaching Area
PORT

Course Title
Machado de Assis

Course Description
Critical study of the works of Brazilian author Joaquim Maria Machado de Assis.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Brazilian Literary History and Machado de Assis

Tags
199048, 2

Learning Outcome
Demonstrate thorough understanding of Brazilian literary history, the cultural context for the work of Machado de Assis, and the reception of Machado's work.

Title
Critical Practice

Tags
199049, 4

Learning Outcome
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

Title
Advanced Research and Writing

Tags
199050, 6

Learning Outcome
Develop advanced skills in research techniques and academic writing.

PORT 453 - Twentieth-Century Brazilian Literature

Course Information

Teaching Area (new)
PORT

Course Number
453

Teaching Area
PORT

Course Title
Twentieth-Century Brazilian Literature

Course Description
Critical study of genres and texts from 20th-century Brazil.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
20th Century Brazilian Literary History

Tags
199051, 1

Learning Outcome
Demonstrate thorough understanding of twentieth-century literary history in Brazil.

Title
Critical Practice

Tags
199052, 2

Learning Outcome
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

Title
Advanced Research and Writing

Tags
199053, 5

Learning Outcome
Develop advanced skills in research techniques and academic writing.

PORT 457R - Special Topics in Cultures of Brazil

Course Information

Teaching Area (new)
PORT

Course Number
457R

Teaching Area
PORT

Course Title
Special Topics in Cultures of Brazil

Course Description
An in-depth examination of some aspect of Brazilian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Brazil and/or those who desire a more focused cultural experience.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 321 - Third-Year Portuguese Reading, Grammar, and Culture

Learning Outcomes

Title
Identify, describe, and discuss cultural aspects

Tags
199495, 0, 1, 2020-10-13 12:17:54

Learning Outcome
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

Title
Critically analyze cultural products and practices

Tags
199496, 0, 2, 2020-10-13 12:17:54

Learning Outcome
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

Title
Conduct cultural research

Tags
199497, 0, 3, 2020-10-13 12:17:54

Learning Outcome
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

PORT 459R - Special Topics in Brazilian Literature

Course Information

Teaching Area (new)
PORT

Course Number
459R

Teaching Area
PORT

Course Title
Special Topics in Brazilian Literature

Course Description
Specific topics in Portuguese (Brazilian) literature. Course content will vary each semester to offer optimum exposure to all areas of Brazilian literature.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PORT 330 - Introduction to Portuguese and Brazilian Literature

Learning Outcomes

Title
Literary Analysis

Tags
199054, 1

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Brazilian literary texts.

Title
Aesthetic Constructs, Genres, and Context

Tags
199055, 2

Learning Outcome
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

Title
Literary Study Skills

Tags
199056, 5

Learning Outcome
Develop the habits and skills for Brazilian literary study that inspire continued learning.

Title
Research

Tags
199057, 7

Learning Outcome
Write essays in Portuguese, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

PORT 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
PORT

Course Number
477R

Teaching Area
PORT

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

PORT 480R - Directed Research in Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
480R

Teaching Area
PORT

Course Title
Directed Research in Portuguese

Course Description
Under faculty member's direction, designing and conducting research project covering material not normally presented in regular course work. Research paper required.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Written proposal subject to department approval

Note
Total Port 480R credit toward bachelor's degree not to exceed 3 hours.

Learning Outcomes

Title
Research Skills

Tags
199066, 1

Learning Outcome
Conduct advanced, independent research on a topic in Portuguese studies.

PORT 491 - Senior Proficiency Evaluation

Course Information

Teaching Area (new)
PORT

Course Number
491

Teaching Area
PORT

Course Title
Senior Proficiency Evaluation

Course Description
Taking required proficiency tests in speaking, writing, reading, and listening.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Note
NOTE: For Portuguese majors and minors only. Not for nonmajors or graduate students.

Learning Outcomes

Title
Portuguese Speaking Proficiency

Tags
199574, 0

Learning Outcome
Evaluate Portuguese speaking proficiency through the ACTFL Oral Proficiency Interview (OPI).

Title
Portuguese Writing Proficiency

Learning Outcome
Evaluate Portuguese writing proficiency through the ACTFL Writing Proficiency Test (WPT).

Title
Portuguese Reading Proficiency

Learning Outcome
Evaluate Portuguese reading proficiency through the Adapted Reading Test (ART).

Title
Portuguese Listening Proficiency

Learning Outcome
Evaluate Portuguese listening proficiency through the Adapted Listening Test (ALT).

PORT 493 - Capstone Course in Portuguese

Course Information

Teaching Area (new)
PORT

Course Number
493

Teaching Area
PORT

Course Title
Capstone Course in Portuguese

Course Description
Culminating experience in which students assemble a portfolio demonstrating and reflecting on their learning as a Portuguese major and their goals for continued language use and improvement.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Senior standing or departmental advisor's consent.

Note
Course should be taken in the semester prior to graduation.

Learning Outcomes

Title
Reflect on learning

Tags
199551, 2

Learning Outcome
Students will reflect on their learning and experiences as a Spanish/ Portuguese major at BYU and set goals for continued language use and improvement.

Title
Assemble a portfolio

Tags
199552, 1

Learning Outcome
Students will assemble a portfolio of artifacts demonstrating their language ability, cultural competence, critical thinking and expression, and application of their language skills to their personal and professional life.

PORT 520 - Advanced Portuguese Grammar

Course Information

Teaching Area (new)
PORT

Course Number
520

Teaching Area
PORT

Course Title
Advanced Portuguese Grammar

Course Description
Applying contemporary grammatical concepts to problems in Portuguese grammar.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PORT 325 - Survey of Luso-Brazilian Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- PORT 326 - Portuguese Phonetics and Pronunciation

Learning Outcomes

Title
Grammar Rules and Problems

Tags
199067, 1

Learning Outcome
The student enrolled in Advanced Portuguese Grammar will carefully examine some grammar "problems" by reading and studying selections from grammarians and researchers who provide insights into the problem in question. The student's ability to synthesize coherent and meaningful generalizations will be objectively tested by exams and further evaluated while he or she participates in classroom discussion.

Title
Descriptive and Prescriptive Grammars

Tags
199068, 3

Learning Outcome
The student enrolled in Advanced Portuguese Grammar will acquire a greater understanding of both descriptive and prescriptive grammars and their function and limitations. The student will also acquire specialized terms employed by grammarians and morphosyntacticians. The student's ability to understand and use these terms appropriately will also be objectively measured by examination.

Title
Research Paper

Tags
199069, 5

Learning Outcome
Complete a research paper/presentation on a particular grammar point or construction. This assignment will test a student's ability to locate appropriate refereed sources, read and synthesize them and prepare a written document and oral presentation according to a recognized style manual.

PORT 521 - Romance Philology

Course Information

Teaching Area (new)
PORT

Course Number
521

Teaching Area
PORT

Course Title
Romance Philology

Course Description
Comparative study of evolution of Latin into modern romance languages.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PORT 325 - Survey of Luso-Brazilian Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- PORT 326 - Portuguese Phonetics and Pronunciation

Learning Outcomes

Title
Historical Context

Tags
199070, 2

Learning Outcome
Situate Latin and the Romance Languages in their "external" (i.e. political and literary) historical context.

Title
Phonological Evolution

Tags
199071, 4

Learning Outcome
Recognize the "laws" of regular phonological evolution (e.g. syncope, lenition, diphthongization, etc.).

Title
Language Comparison

Tags
199072, 6

Learning Outcome
Compare the "major" (i.e. literary) Romance languages as far as their phonological development is concerned.

Title
Lexical Differences and Etymology

Tags
199073, 8

Learning Outcome
Lexical Differences and Etymology

Title
Summarize Research

Tags
199074, 10

Learning Outcome
Become familiar with articles published in professional journals relating to the subject matter and produce accurate and meaningful written summaries and reactions to them.

Title
Transcription

Tags
199075, 12

Learning Outcome
Learn the rudiments of transcribing medieval or Renaissance manuscripts.

PORT 522 - History of the Portuguese Language

Course Information

Teaching Area (new)
PORT

Course Number
522

Teaching Area
PORT

Course Title
History of the Portuguese Language

Course Description
Linguistic sources that contributed to formation of Portuguese.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PORT 325 - Survey of Luso-Brazilian Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- PORT 326 - Portuguese Phonetics and Pronunciation

Learning Outcomes

Title
Nominal and Verbal Systems

Tags
199076, 1

Learning Outcome
Acquire a basic knowledge of the changes undergone by the nominal and verbal systems of Latin and Portuguese (e.g., the demise of the case system, the development of new verbal tenses, etc.).

Title
Scholarly Articles

Tags
199077, 2

Learning Outcome
Demonstrate the ability to summarize and discuss in a clear and concise manner several scholarly articles on the topic of the history of the Portuguese language.

Title
Political and Literary Contexts

Tags
199078, 3

Learning Outcome
Situate Latin and Portuguese in their political and literary historical contexts.

Title
Phonological Development

Tags
199079, 5

Learning Outcome
Recognize the laws of regular phonological development (e.g. syncope, lenition, diphthongization, etc.).

Title
Lexicon Sources

Tags
199080, 7

Learning Outcome
Identify the sources of the Portuguese lexicon.

Title
Theory

Tags
199081, 9

Learning Outcome
Understand the different theories that claim to understand the relation between Latin and the Romance languages, especially the relation between Latin and Portuguese.

Title
Linguistic Standardization

Tags
199082, 10

Learning Outcome
Understand the process of linguistic standardization in Romance and its implications for the linguistic map of the Iberian Peninsula.

PORT 529R - Special Topics in Portuguese Linguistics

Course Information

Teaching Area (new)
PORT

Course Number
529R

Teaching Area
PORT

Course Title
Special Topics in Portuguese Linguistics

Course Description
Topics from semantics to dialectology to sociolinguistics.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PORT 325 - Survey of Luso-Brazilian Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- PORT 326 - Portuguese Phonetics and Pronunciation

Learning Outcomes

Title
Read and analyze research

Tags
199478, 1

Learning Outcome
Read and analyze research articles related to special topic in Portuguese linguistics.

Title
Prepare a research paper/project

Tags
199479, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

PORT 581R - Minicourse in Luso-Brazilian Literatures

Course Information

Teaching Area (new)
PORT

Course Number
581R

Teaching Area
PORT

Course Title
Minicourse in Luso-Brazilian Literatures

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211769, 0, 1, 2022-03-02 09:41:46

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Luso-Brazilian literatures.

Title
Produce Scholarly Writing

Tags
211770, 0, 2, 2022-03-02 09:41:46

Learning Outcome
Students will be able to produce scholarly writing on a specific in Luso-Brazilian literatures that meets the academic specifications of the discipline.

PORT 582R - Minicourse in Portuguese Linguistics

Course Information

Teaching Area (new)
PORT

Course Number
582R

Teaching Area
PORT

Course Title
Minicourse in Portuguese Linguistics

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211771, 0, 1, 2022-03-02 09:41:55

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Portuguese linguistics.

Title
Produce Scholarly Writing

Tags
211772, 0, 2, 2022-03-02 09:41:55

Learning Outcome
Students will be able to produce scholarly writing on a specific in Portuguese linguistics that meets the academic specifications of the discipline.

PORT 583R - Minicourse in Portuguese Pedagogy

Course Information

Teaching Area (new)
PORT

Course Number
583R

Teaching Area
PORT

Course Title
Minicourse in Portuguese Pedagogy

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211773, 0, 1, 2022-03-02 09:42:02

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Portuguese pedagogy.

Title
Produce Scholarly Writing

Tags
211774, 0, 2, 2022-03-02 09:42:02

Learning Outcome
Students will be able to produce scholarly writing on a specific in Portuguese pedagogy that meets the academic specifications of the discipline.

PORT 599R - Academic Internship: Portuguese Internship

Course Information

Teaching Area (new)
PORT

Course Number
599R

Teaching Area
PORT

Course Title
Academic Internship: Portuguese Internship

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Port 321; instructor's consent

Note
NOTE: For supervised internship credit on BYU Study Abroad programs only.
NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Competencies

Tags
199326, 0, 0

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

Title
Tell your story

Tags
209552, 0, 1

Learning Outcome
Students will be able to translate the value of professional development experience through guided refleciton activites in order to tell their story.

PSE 390 - Ethics for Management

Course Information

Teaching Area (new)
MSB

Course Number
390

Teaching Area
PSE

Course Title
Ethics for Management

Course Description
Analyzing ethical dilemmas, understanding ethical theories, and applying faith-driven ethical decision-making in business.

Department
Public Service and Ethics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only.

Learning Outcomes

Title
Influences in Judgement

Tags
176076, 2

Learning Outcome
Recognize how individual differences and cognitive barriers can influence ethical judgment.

Title
Personal Values

Tags
176129, 4

Learning Outcome
Identify and prioritize personal values and apply those to making ethical decisions.

Title
Common Ethical Issues

Tags
176138, 0

Learning Outcome
Identify and address common ethical issues that arise for individuals, managers, and organizations.

Title
Resolve Ethical Dilemmas

Tags
176186, 1

Learning Outcome
Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

Title
Organizational Systems and Ethics

Tags
176205, 3

Learning Outcome
Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

Title
Communicating Faith-Driven Reasoning

Learning Outcome
Use persuasive communication skills for faith-driven, ethical decisions.

PSE 571 - Ethics for Accounting Professionals

Course Information

Teaching Area (new)
MSB

Course Number
571

Teaching Area
PSE

Course Title
Ethics for Accounting Professionals

Course Description
Analyzing ethical dilemmas, understanding ethical theories, and applying faith-driven ethical decision-making in management and accounting.

Department
Public Service and Ethics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acc 406 or acceptance into the School of Accountancy.

Learning Outcomes

Title
Common Ethical Issues

Tags
175106, 2

Learning Outcome
Identify and address common ethical issues that arise for individuals, managers, and organizations.

Title
Resolve Ethical Dilemmas

Tags
175107, 4

Learning Outcome
Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

Title
Influences in Judgement

Tags
175108, 3

Learning Outcome
Recognize how individual differences and cognitive barriers can influence ethical judgment.

Title
Organizational Systems and Ethics

Tags
175109, 5

Learning Outcome
Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

Title
Personal Values

Tags
175110, 1

Learning Outcome
Identify and prioritize personal values and apply those to making ethical decisions.

Title
Communicating Faith-Driven Reasoning

Learning Outcome
Use persuasive communication skills for faith-driven, ethical decisions.

PSE 572 - Ethics for Information Systems Managers

Course Information

Teaching Area (new)
MSB

Course Number
572

Teaching Area
PSE

Course Title
Ethics for Information Systems Managers

Course Description
Analyzing ethical dilemmas, understanding ethical theories, and applying faith-driven ethical decision-making in management and information systems.

Department
Public Service and Ethics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance into the MISM program.

Learning Outcomes

Title
Common Ethical Issues

Tags
175771, 2

Learning Outcome
Identify and address common ethical issues that arise for individuals, managers, and organizations.

Title
Resolve Ethical Dilemmas

Tags
175772, 4

Learning Outcome
Use contemporary and classic frameworks to analyze and suggest resolutions to ethical dilemmas.

Title
Influences in Judgement

Tags
175773, 3

Learning Outcome
Recognize how individual differences and cognitive barriers can influence ethical judgment.

Title
Organizational Systems and Ethics

Tags
175774, 5

Learning Outcome

Identify key organizational tools, policies, systems, and laws that apply to managing ethical conduct.

Title
Personal Values

Tags
175775, 1

Learning Outcome
Identify and prioritize personal values and apply those to making ethical decisions.

Title
Communicating Faith-Driven Reasoning

Learning Outcome
Use persuasive communication skills for faith-driven, ethical decisions.

PSHTO 100 - Language Study: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
100

Teaching Area
PSHTO

Course Title
Language Study: Pashto

Course Description
Survival-level conversation, reading, listening, and culture skills in Pashto.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197725, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197726, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197727, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

PSHTO 101 - First-Year Language Study: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
101

Teaching Area
PSHTO

Course Title
First-Year Language Study: Pashto

Course Description
Beginning speaking, listening, reading, and writing skills in Pashto.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197728, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197729, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197730, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197731, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

PSHTO 102 - First-Year Language Study: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
102

Teaching Area
PSHTO

Course Title
First-Year Language Study: Pashto

Course Description
Second-semester speaking, listening, reading, and writing skills in Pashto.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSHTO 101 - First-Year Language Study: Pashto

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197732, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197733, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197734, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197735, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

PSHTO 201 - Second-Year Language Study: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
201

Teaching Area
PSHTO

Course Title
Second-Year Language Study: Pashto

Course Description
Intermediate speaking, listening, reading, and writing skills in Pashto.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSHTO 102 - First-Year Language Study: Pashto

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197736, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197737, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197738, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197739, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

PSHTO 202 - Second-Year Language Study: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
202

Teaching Area
PSHTO

Course Title
Second-Year Language Study: Pashto

Course Description
Continued emphasis on Pashto communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSHTO 201 - Second-Year Language Study: Pashto

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197616, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197617, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197618, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197620, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

PSHTO 305 - Language Skills Development: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
305

Teaching Area
PSHTO

Course Title
Language Skills Development: Pashto

Course Description
Increasing proficiency in one or more of the following Pashto language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197613, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197614, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197615, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

PSHTO 321 - Advanced Grammar: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
321

Teaching Area
PSHTO

Course Title
Advanced Grammar: Pashto

Course Description
Advance your Pashto through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSHTO 202 - Second-Year Language Study: Pashto

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197610, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197611, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197612, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
330

Teaching Area
PSHTO

Course Title
Advanced Language Proficiency Through Cultural Studies: Pashto

Course Description
Study of Pashto culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Pshto 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197606, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197607, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197608, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197609, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

PSHTO 340 - Introduction to Literature: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
340

Teaching Area
PSHTO

Course Title
Introduction to Literature: Pashto

Course Description
Explore Pashto culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197602, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197603, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197604, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197605, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

PSHTO 350 - Advanced Language Study for Career Purposes: Pashto

Course Information

Teaching Area (new)
PSHTO

Course Number
350

Teaching Area
PSHTO

Course Title
Advanced Language Study for Career Purposes: Pashto

Course Description
Concentration on Pashto language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSHTO 330 - Advanced Language Proficiency Through Cultural Studies: Pashto

Learning Outcomes

Title
Defined Career Purposes

Tags
197597, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197598, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197599, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197600, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197601, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

PSYCH 101 - Orientation to the Psychology Major

Course Information

Teaching Area (new)
PSYCH

Course Number
101

Teaching Area
PSYCH

Course Title
Orientation to the Psychology Major

Course Description
Overview of curriculum and major requirements, faculty research programs and specialties, campus resources, and career possibilities.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
1. Familiarity with curriculum

Tags
184599, 1

Learning Outcome
Students will demonstrate familiarity with the undergraduate psychology curriculum and requirements of the psychology major in terms of the American Psychological Association standards and their implementation at BYU.
Measurement: In-class quizzes from assigned textbook reading; individual exams that apply the reading personally.

Title
2. Occupational and academic opportunities

Tags
184600, 2

Learning Outcome
Students will classify the major post-baccalaureate occupational and academic opportunities available to psychology majors.
Measurement: In-class quizzes from assigned textbook reading; individual exams that apply the reading personally. Design, production, and presentation of a poster that describes an opportunity of interest.

Title
3. Students develop a personal plan

Tags
184601, 3

Learning Outcome
Students will develop a personal plan for transitioning from student to career professional.
Measurement: Produce a personal plan in multiple drafts.

PSYCH 111 - Introduction to Psychological Science

Course Information

Teaching Area (new)
PSYCH

Course Number
111

Teaching Area
PSYCH

Course Title
Introduction to Psychological Science

Course Description
Basic course in modern scientific psychology.

Department
Psychology

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Understanding Research Methods in Psychology

Tags
184602, 0, 1

Learning Outcome
Students will be able to identify basic scientific findings and research methods that guide psychological inquiry.

Title
Analyzing Psychological Processes

Tags
184901, 0, 2

Learning Outcome
Students will make connections between psychological science and spiritual issues including character development.

Title
Applying Psychological Principles

Tags
184603, 0, 3

Learning Outcome
Students will explain and implement how psychological principles generalize beyond the classroom, preparing them for meaningful service in their families and communities.

PSYCH 140 - Teaching Assistant Training

Course Information

Teaching Area (new)
PSYCH

Course Number
140

Teaching Area
PSYCH

Course Title
Teaching Assistant Training

Course Description
This course provides training to be an effective teaching assistant.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science

PSYCH 200 - Preparing for Graduate School

Course Information

Teaching Area (new)
PSYCH

Course Number
200

Teaching Area
PSYCH

Course Title
Preparing for Graduate School

Course Description
Overview of graduate programs in psychology; preparing application materials, including the Graduate Record Examination. (GRE).

Department
Psychology

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Strategic Planning for Graduate Education

Tags
184699, 3

Learning Outcome
Students will develop and implement a structured plan for applying to graduate programs, demonstrating organization, initiative, and informed decision-making.

Title
Critical Evaluation of Graduate Programs

Tags
184726, 1

Learning Outcome
Students will critically evaluate graduate programs based on research fit, training models, mentorship structure, funding opportunities, and long-term professional goals.

Title
Professional Communication and Mentorship Engagement

Tags
184743, 2

Learning Outcome
Students will demonstrate professionalism and integrity in seeking mentorship and letters of recommendation, including appropriate timing, transparency, and reciprocal communication.

Title
Academic and Professional Identity

Tags
184768, 0

Learning Outcome
Students will articulate a coherent academic and professional identity through development of a curriculum vitae and statement of intent that reflect preparation, goals, and career commitments.

Title
Interview Strategy and Professional Presence

Tags
184902, 4

Learning Outcome
Students will demonstrate readiness for graduate interviews through structured preparation, practice, and reflective integration of feedback.

Title
Financial Literacy

Learning Outcome
Students will analyze funding structures and financial commitments associated with graduate education and make responsible, long-term decisions regarding professional sustainability.

PSYCH 210 - A History of Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
210

Teaching Area
PSYCH

Course Title
A History of Psychology

Course Description
Overview of psychological thinking from Ancient Greece to the present. Emphasizes a critical stance toward the assumptions and implications of major psychological theories.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
May be taken concurrently with Psych 308.

Note
This course contains content featured in the Graduate Record Examination (GRE) Subject Test. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/PSYCH-210-M001.

Learning Outcomes

Title
Analyzing Foundations of Psychological Thought

Tags
206970, 1

Learning Outcome
Demonstrate critical thinking skills by comparing and contrasting the basic assumptions regarding human nature that have traditionally guided and shaped the various schools of contemporary psychological thought.

Title
Evaluating Psychological Implications

Tags
206971, 2

Learning Outcome
Identify and evaluate the various intellectual, moral, and spiritual implications that these basic assumptions about human nature have not only for theory and practice in contemporary psychology, but also in relation to their own personal lives and the development of moral character, worthy aspirations, and a sound spiritual self-understanding.

Title
Understanding Historical Schools of Psychology

Tags
206972, 3

Learning Outcome
Identify the major figures and schools of thought that have made significant historical and conceptual contributions to the contemporary disciplinary landscape of psychology.

Title
Articulating Psychological Perspectives

Tags
206973, 4

Learning Outcome
Articulate a reasoned position on some of the enduring questions, issues, and concerns of the discipline of psychology from a perspective that is rooted firmly in the Restored Gospel of Jesus Christ.

PSYCH 212R - Special Topics in Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
212R

Teaching Area
PSYCH

Course Title
Special Topics in Psychology

Course Description
Small-group seminar focusing on a classical text or on readings related to a contemporary issue in theory and research.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Learning Outcomes

Title
Being considered for expiration.

Tags
184907, 1

Learning Outcome
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

PSYCH 220 - Human Development: Life Span

Course Information

Teaching Area (new)
PSYCH

Course Number
220

Teaching Area
PSYCH

Course Title
Human Development: Life Span

Course Description
Interaction of psychological, biological, and social influences on behavior and psychological development through the life span.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Lifespan Development Theories

Tags
184779, 4

Learning Outcome
Explain developmental stages and principles across the lifespan, with expression of key models and theories, terminology, and historic figures.

Title
Applying Developmental Knowledge in Practice

Tags
184781, 0

Learning Outcome
Demonstrate real world recognition and application of developmental knowledge (stages and relevant challenges, skills, and tasks) to observations of people (including oneself and others).

Title
Evaluating Factors in Human Development

Tags
184787, 1

Learning Outcome
Convey understanding of people based on the relevant overlay of influential factors in their lives, including biological, social, and psychological background, as well as demographics, experiences, and behaviors.

Title
Communicating Developmental Concepts

Tags
185016, 2

Learning Outcome
Analyze, evaluate, and express ideas clearly regarding developmental principles and understanding in written and verbal communication.

PSYCH 305 - Multicultural Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
305

Teaching Area
PSYCH

Course Title
Multicultural Psychology

Course Description
Examination of multiculturalism from a psychological perspective, with a focus on the impact of culture on psychological theory, research, and practice. Particular attention will be given to the sociocultural and psychological analyses of four ethnic minority groups in the United States: American Indians, Asian Americans, African Americans and Hispanics/Latina/os.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

PSYCH 306 - Psychology of Gender

Course Information

Teaching Area (new)
PSYCH

Course Number
306

Teaching Area
PSYCH

Course Title
Psychology of Gender

Course Description
Biological and social contributions to sex role development, sexual self-concept, and complementarity of sex roles.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Contains content featured in the Graduate Record Examination (GRE) Subject Test. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Integrating Perspectives on Gender and Identity

Tags
184908, 1

Learning Outcome
Integrate biological, psychological, social, and spiritual perspectives to articulate a coherent, evidence-informed, and gospel-centered framework for understanding gender and human identity.

Title
Evaluating Research on Gender and Reasoning

Tags
184909, 2

Learning Outcome
Demonstrate disciplined scientific thinking by critically evaluating research on gender, distinguishing empirical findings from cultural narratives, and applying sound reasoning in academic and public discourse.

Title
Modeling Christlike Character in Dialogue

Tags
184911, 0, 4

Learning Outcome
Model Christlike character in conversations and relationships involving gender by demonstrating empathy, moral courage, intellectual humility, and respect for the divine worth of every individual.

Title
Applying Psychology in Community Settings

Learning Outcome
Apply psychological principles to strengthen families, communities, and professional practice, committing to lifelong learning and service that promotes human flourishing and eternal perspective.

PSYCH 307 - Writing Within Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
307

Teaching Area
PSYCH

Course Title
Writing Within Psychology

Course Description
Processes of research-oriented writing and presentation for psychology majors.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science **AND** WRTG 150 - Writing and Rhetoric

Note

Must be taken prior to or concurrently with Psych 308. Fulfills GE Advanced Written and Oral Communication requirement. WRTG 315 will substitute for this course. Psych minors, contact department student support for a permission-to-add code. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
1. Communicate psychological ideas with clarity and purpose.

Tags
184605, 3

Learning Outcome
Students will produce clear, well-structured written communication that presents psycholgocail ideas that are appropriate for diverse audiences and professinoal contexts.

Title
2. Apply ethical and responsible scholarship in psychological writing

Tags
184608, 6

Learning Outcome
Students will practice integrity in the use of evidence, attribution of sources, use or artificial intelligence, and representation of scientific findings in ways that reflect the ethical standards of psychology.

Title
3. Engage psychological scholarship through inquiry and lifelong learning

Tags
206960, 2

Learning Outcome
Students will evaluate psychological research and scholarly sources inw ays that cultivate curiosity, critical thinking, and habits of lifelong learning.

Title
4. Integrate psychological knowlege within gospel-centered perspectives on psychological topics

Tags
206962, 5

Learning Outcome
Students will select topics that help them reflect on how deeper understanding of their focused topic can inform compassionate service and enhanced ministering efforts.

PSYCH 308 - Psychological Statistics

Course Information

Teaching Area (new)
PSYCH

Course Number
308

Teaching Area
PSYCH

Course Title
Psychological Statistics

Course Description
Descriptive and inferential statistical analysis and hypothesis testing applied to psychological research data.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MATH 110 - College Algebra

OR

Prerequisites

Complete ALL of the following Courses:

- G E 106 - ACT Math

Note
Psych 307 may be taken concurrently with Psych 308. Stat 121 will not substitute for this course. Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Understanding Statistical Concepts and Notation

Tags
184609, 1

Learning Outcome
Demonstrate understanding of statistical notation, formulas, terminology, and concepts.

Title
Analyzing Data Using Software

Tags
184610, 2

Learning Outcome
Appropriately analyze psychological data using statistical software.

Title
Interpreting Statistical Results

Tags
184611, 3

Learning Outcome
Appropriately interpret results of statistical analyses of psychological data.

PSYCH 310 - Psychological Research Design and Analysis

Course Information

Teaching Area (new)
PSYCH

Course Number
310

Teaching Area
PSYCH

Course Title
Psychological Research Design and Analysis

Course Description
Basic principles of designing, conducting, and reporting psychological investigations.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- PSYCH 307 - Writing Within Psychology
  AND PSYCH 308 - Psychological Statistics

Note
Psych 308 is a prerequisite to Psych 310. Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Informed Consumers of Research

Tags
184613, 1

Learning Outcome
Students will be able to critically review the literature to generate a testable hypothesis based on a summation of current research findings and scientific thought.

Title
2. Ethically Grounded Psychologists

Tags
184614, 2

Learning Outcome
Students will be able to distinguish between methodological designs and implement and execute an appropriate design to test the hypothesis, demonstrating an understanding of and sensitivity to relevant ethical considerations, including how to identify and measure dependent variables and measure or control for independent and other variables critical to the design of the study.

Title
3. Effective Scientific Communicators

Tags
184615, 3

Learning Outcome
Students will be able to prepare a written report of the research project adhering to APA style in all aspects of presentation (e.g., format, figures/tables, referencing) in a format that would be suitable to submit to an APA journal.

PSYCH 311 - Critical Issues in Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
311

Teaching Area
PSYCH

Course Title
Critical Issues in Psychology

Course Description
Critical and comparative examination of underlying theoretical and philosophical issues relavant to contemporary social, personality, and cognitive psychology, neuroscience, and psychotherapy.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Learning Outcomes

Title
1. Assumptions of major theories

Tags
184791, 3

Learning Outcome
Students will identify and describe basic assumptions (and the implications of those assumptions) that underlie the major theories, methods, practices, and schools of contemporary psychology.Measurement: Multiple choice quizzes or short essay assignments.

Title
2. Critically evaluate assumptions in published writings

Tags
184792, 2

Learning Outcome
Students will identify and critically evaluate these basic assumptions in the published writings of psychologists.
Measurement: Multiple choice reading quizzes and short paper essay assignments.

Title
3. Compare and contrast alternative assumptions

Tags
184793, 1

Learning Outcome
Students will compare and contrast alternative assumptions (and the implications of those assumptions) to those associated with the major theories, methods, practices, and schools of contemporary psychology, especially as they may be relevant to a Christian perspective.
Measurement: Short paper essay assignments.

PSYCH 312R - Advanced Methods

Course Information

Teaching Area (new)
PSYCH

Course Number
312R

Teaching Area
PSYCH

Course Title
Advanced Methods

Course Description
Coverage of a variety of advanced and specific topics in Psychological research and analysis. Course content will vary by instructor.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 308 - Psychological Statistics

Learning Outcomes

Title
Methodological designs

Tags
214333, 0, 1, 2023-08-29 12:02:00

Learning Outcome
Students will be able to identify, implement and execute appropriate research designs within a particular sub-discipline of psychology and/or using a particular experimental method or technology.

Title
Statistical analysis

Tags
214334, 0, 2, 2023-08-29 12:02:01

Learning Outcome
Students will be able to demonstrate more advanced skill in using statistical/ mathematical analysis applications to analyze data sets. Measurement: Multiple choice tests, short essays, writing assignments, presentation assignments.

PSYCH 313 - Psychometrics

Course Information

Teaching Area (new)
PSYCH

Course Number
313

Teaching Area
PSYCH

Course Title
Psychometrics

Course Description
Construction and validation of standardized psychological tests.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2.5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 308 - Psychological Statistics
  AND PSYCH 310 - Psychological Research Design and Analysis

Learning Outcomes

Title
Developing Theory-Based Measures

Tags
184612, 2

Learning Outcome
Develop psychological measures grounded in theory and evidence. Students will define constructs, generate and refine items, and collect and analyze data to build original assessment tools.

Title
Critically Evaluating Psychometric Quality and Ethics

Tags
184919, 1

Learning Outcome
Evaluate the strength and limitations of psychological measurements. Students will appraise evidence of reliability and validity, identify sources of measurement error, and judge whether interpretations of test scores are warranted - recognizing that questionable measurement practices compromise both ethical practice and the replicability of psychological science.

Title
Applying Measurement Reasoning to Claims

Learning Outcome
Apply measurement principles to critically evaluate claims in science and daily life. Students will use the logic of construct definition, evidence evaluation, and measurement quality to assess the strength of claims - whether in published research, professional practice, or personal decision-making.

PSYCH 320 - Developmental Psychology: Childhood

Course Information

Teaching Area (new)
PSYCH

Course Number
320

Teaching Area
PSYCH

Course Title
Developmental Psychology: Childhood

Course Description
Physical, mental, emotional, and social development of the child.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Contains content featured in the Graduate Record Examination (GRE).Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
1. Developmental Theories in Practice

Tags
184794, 1

Learning Outcome
Apply major theories and findings across domains of child development

Title
2. Critical Evaluation of Developmental Influences

Tags
184795, 2

Learning Outcome
Evaluate normative and atypical developmental trajectories and their risk and resilience indicators

Title
3. Research-Informed Perspective

Tags
184796, 3

Learning Outcome
Integrate empirical research to form evidence-based views on contemporary issues

Title
4. Ethical and Compassionate Regard for Children

Learning Outcome
Demonstrate ethical and compassionate value of children and families

PSYCH 321 - Developmental Psychology: Adolescence

Course Information

Teaching Area (new)
PSYCH

Course Number
321

Teaching Area
PSYCH

Course Title
Developmental Psychology: Adolescence

Course Description
Development and maturation during adolescence; research methodology.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
PSYCH 321 can substitute for PSYCH 320. Contains content featured in the Graduate Record Examination (GRE) Subject Test.

Learning Outcomes

Title
Understanding Adolescent Developmental Changes

Tags
184618, 4

Learning Outcome
Describe the biological, cognitive, and social changes that occur in adolescence across diverse contexts.

Title
Evaluating Adolescent Developmental Resources and Limits

Tags
184913, 1

Learning Outcome
Articulate resources and limitations of adolescent flourishing.

Title
Analyzing Adolescent Behavior and Motivation

Tags
184914, 2

Learning Outcome
Employ the reasoning and perspective of a developmental psychologist to examine questions about adolescent motivations, behavior, and development.

Title
Applying Developmental Principles to Adolescent Contexts

Tags
184915, 3

Learning Outcome
Apply evidence-based developmental principles to real-world challenges in ways that improve the lives of adolescents and their communities.

Title
Understanding Normative Tasks of Adolescence

Tags
184916, 5

Learning Outcome
Characterize the normative developmental tasks of adolescence across biological, cognitive, and psychosocial domains.

PSYCH 322 - Developmental Psychology: Adulthood

Course Information

Teaching Area (new)
PSYCH

Course Number
322

Teaching Area
PSYCH

Course Title
Developmental Psychology: Adulthood

Course Description
Stability and change in psychological, physiological, and interpersonal processes through early, middle, and late adulthood.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
PSYCH 322 can substitute for PSYCH 320. Contains content featured in the Graduate Record Examination (GRE) Subject Test.

Learning Outcomes

Title
Understanding Adult Developmental Changes

Tags
184619, 4

Learning Outcome
Describe the biological, cognitive, and social changes that occur in adulthood across diverse contexts.

Title
Evaluating Adult Developmental Resources and Limits

Tags
184620, 5

Learning Outcome
Articulate resources and limitations of adult flourishing.

Title
Analyzing Adult Behavior and Motivation

Tags
184784, 2

Learning Outcome
Employ the reasoning and perspective of a developmental psychologist to examine questions about adult motivations, behavior, and development.

Title
Applying Developmental Principles to Adult Contexts

Tags
184797, 6

Learning Outcome
Apply evidence-based developmental principles to real-world challenges in ways that improve the lives of adults and their communities.

Title
Understanding Normative Tasks of Adulthood

Tags
184917, 1

Learning Outcome
Characterize the normative developmental tasks of adulthood across biological, cognitive, and psychosocial domains.

PSYCH 330 - Organizational Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
330

Teaching Area
PSYCH

Course Title
Organizational Psychology

Course Description
Personal, interactional, and structural aspects of organizations; motivation, decision making, problem-solving communication, leadership, organizational structure, change.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
1. Understanding of major areas of I/O psychology

Tags
184798, 1

Learning Outcome
Students will demonstrate a basic understanding of the major areas of organizational and industrial psychology, including human resources; leadership development; employee training, motivation, and satisfaction; group dynamics, organizational climate; and team-building.
Measurement: Multiple choice tests, short essays.

Title
2. Apply organizational theory

Tags
184799, 2

Learning Outcome
Students will learn to apply organizational theory to specific organizational situations.
Measurement: Writing assignment.

Title
3. Organizational skills

Tags
184800, 3

Learning Outcome
Students will acquire skill in collaborative teamwork, time management, self-motivation, and project planning.
Measurement: Evaluation of cooperative class assignments.

PSYCH 338 - Sport Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
338

Teaching Area
PSYCH

Course Title
Sport Psychology

Course Description
Application of psychological principles to sporting activities.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Explain core principles of sport psychology

Tags
184621, 1

Learning Outcome
Students will explain major concepts in sport psychology and how mental processes influence athletic performance.

Title
Apply principles of deliberate practice and mental training

Tags
184622, 2

Learning Outcome
Students will apply principles of deliberate practice and mental skills such as goal setting, focus, and imagery to improve performance and learning in sport and other domains.

Title
Analyze psychological factors that influence performance and recovery

Tags
184920, 3

Learning Outcome
Students will analyze how motivation, emotion, stress, and injury influence athletic performance and recovery.

Title
Reflect on character and growth through sport

Learning Outcome
Students will reflect on how sport can develop discipline, resilience, and integrity and how psychological principles can be used to strengthen character and serve others through sport and performance settings.

PSYCH 341 - Personality

Course Information

Teaching Area (new)
PSYCH

Course Number
341

Teaching Area
PSYCH

Course Title
Personality

Course Description
Individual patterns of behavior, thought, and emotion; personality theories and their associated strategies of research, assessments, and personality change.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Knowledge of contemporary personality theories, measurements, constructs

Tags
184801, 1

Learning Outcome
Students will demonstrate a comprehensive knowledge of major personality theories, standards of measurements, and well-researched personality constructs.

Title
Knowledge of research evidence on the role of personality across psychological subfields

Tags
184802, 2

Learning Outcome
Students will gain knowledge about the importance of personality for clinical, developmental, cognitive, social, and organizational psychology.

Title
Building awareness of the personality in the self and others

Tags
184803, 3

Learning Outcome
Students build an awareness of the personality traits and characteristics they and the people around them hold.

Title
Connecting principles of personality theory and development with gospel perspectives

Tags
184804, 4

Learning Outcome
Students will be able to connect principles of personality theory and development with gospel teachings and the enabling power of Jesus Christ.

PSYCH 342 - Psychopathology

Course Information

Teaching Area (new)
PSYCH

Course Number
342

Teaching Area
PSYCH

Course Title
Psychopathology

Course Description
Dynamics of maladjustment; major psychological disorders and therapeutic procedures. Fieldwork required.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology
- PSYCH 111 - Introduction to Psychological Science **AND** NEURO 316 - Neuroscience Advanced Writing
- PSYCH 111 - Introduction to Psychological Science **AND** WRTG 315 - Writing in the Social Sciences

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Understanding Psychological Disorders and Diagnosis

Tags
214335, 0, 1, 2023-08-29 12:02:14

Learning Outcome
Identify, describe, and compare major categories of psychological disorders using current diagnostic frameworks, including DSM-based classification, with attention to prevalence, symptom presentation, and cultural context.

Title
Evaluating Models and Treatment of Psychopathology

Tags
214336, 0, 2, 2023-08-29 12:02:16

Learning Outcome
Explain and evaluate empirical research of major theoretical models of psychopathology (biological, psychological, social, and integrative) and summarize evidence-based treatments associated with these models.

Title
Applying Ethical and Experiential Learning in Mental Health

Tags
214337, 0, 3, 2023-08-29 12:02:19

Learning Outcome
Integrate experiential or service-based learning experiences to deepen understanding of psychological disorder, apply ethical principles and professional standards, and reflect on personal attitudes, biases, and responsibilities toward individuals experiencing mental illness.

Title
Integrating Faith and Ethics in Mental Health Practice

Tags
214338, 0, 4, 2023-08-29 12:02:21

Learning Outcome
Prayerfully reflect on how personal values, ethical commitments, and being a disciple of Jesus Christ informs compassionate, responsible engagement with psychological suffering and mental health care.

PSYCH 343 - Child Psychopathology

Course Information

Teaching Area (new)
PSYCH

Course Number
343

Teaching Area
PSYCH

Course Title
Child Psychopathology

Course Description
Mental disorders of childhood.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

Note
Psych 343 can substitute for Psych 342.

Learning Outcomes

Title
Analyzing Childhood and Adolescent Psychological Disorders

Tags
184808, 1

Learning Outcome
Identify, describe, and compare psychological disorders of childhood and adolescence using current diagnostic frameworks with attention to prevalence, symptom presentation, and cultural context.

Title
Conceptualizing Developmental Systems in Psychopathology

Tags
184809, 2

Learning Outcome
Conceptualize childhood and adolescent psychological disorders from the perspective of interacting systems including genetics, family context, peer influence, societal factors, and public policy.

Title
Applying Prevention and Treatment in Child Mental Health

Tags
184810, 3

Learning Outcome
Describe evidence-based prevention and treatment approaches for childhood psychological disorders and prepare to serve throughout your life by connecting others to interventions to support child mental health.

Title
Demonstrating Ethical and Compassionate Clinical Engagement

Learning Outcome
Demonstrate Christlike charachter attributes, ethical commitments, and spiritual sensitivity to enable compassionate, responsible engagement with individuals with psychological challenges.

PSYCH 345 - Mediation and Conflict Resolution

Course Information

Teaching Area (new)
PSYCH

Course Number
345

Teaching Area
PSYCH

Course Title
Mediation and Conflict Resolution

Course Description
A skills-based seminar that introduces conceptual knowledge and practical skills training for a mediator. Basic mediation concepts include communication skills, information gathering, managing conflict, identifying issues, active listening, reframing, problem solving, negotiating, and agreement writing.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PSYCH 111.

Learning Outcomes

Title
Understanding Conflict Dynamics and Mediation

Tags
185038, 1

Learning Outcome
Understand the nature and dynamics of conflict and apply mediation principles to promote resolution.

Title
Demonstrating Mediation Communication Skills

Tags
185039, 2

Learning Outcome
Demonstrate effective communication and facilitation techniques in simulated mediation settings.

Title
Integrating Psychological Concepts in Mediation

Learning Outcome
Integrate psychological concepts to analyze conflict and guide the mediation process.

PSYCH 348 - Clinical Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
348

Teaching Area
PSYCH

Course Title
Clinical Psychology

Course Description
Personality theories, psychopathology, diagnostic interviewing and testing, psychotherapy techniques; research methods.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Not a practicum.

Learning Outcomes

Title
Analyzing Clinical Theories, Assessment, and Treatment

Tags
184811, 1

Learning Outcome
Critically analyze major theories, assessment processes, and treatment approaches in clinical psychology and evaluate their empirical and conceptual foundations.

Title
Demonstrating Foundational Clinical Skills

Tags
184812, 2

Learning Outcome
Demonstrate foundational interpersonal and helping skills that reflect empathy, respect, and responsiveness to diverse individuals.

Title
Evaluating Ethics and Professional Integrity in Clinical Practice

Tags
184813, 3

Learning Outcome
Evaluate ethical principles in clinical psychology and articulate how professional integrity, moral agency, and respect for human dignity guide responsible practice.

Title
Examining the Role of Clinical Psychology in Well-Being

Tags
184814, 4

Learning Outcome
Examine the role of clinical psychologists in alleviating suffering and promoting well-being and reflect on personal preparation for lifelong learning and service in mental health fields.

PSYCH 349 - Introduction to Positive Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
349

Teaching Area
PSYCH

Course Title
Introduction to Positive Psychology

Course Description
Study of human flourishing, human strengths, and virtues.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyzing Clinical Theories and Treatment Models

Tags
206963, 1

Learning Outcome
Students will be able to evaluate psychological theories and empirical findings related to human flourishing and well-being.

Title
Developing Interpersonal and Helping Skills

Tags
206964, 2

Learning Outcome
Students will be able to apply evidence-based well-being principles to cultivate habits that promote personal growth, resilience, and healthy relationships.

Title
Evaluating Ethics in Clinical Practice

Learning Outcome
Students will be able to reflect on sources of meaning, purpose, and interconnectedness in ways that support a coherent and values-guided life.

Title
Exploring Psychology’s Role in Well-Being and Growth

Learning Outcome
Students will be able to design a sustainable approach to well-being that supports lifelong learning, contribution, and service to others.

PSYCH 350 - (Psych-Soc) Introduction to Social Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
350

Teaching Area
PSYCH

Course Title
(Psych-Soc) Introduction to Social Psychology

Course Description
Conformity and obedience; socialization, norms, roles; attitudes, leadership, group processes.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Think critically about social behavior

Tags
184625, 2

Learning Outcome
Students will be able to analyze the situational, relational, and cultural contributions of social psychology to behavior, situating the discipline within the larger domain of the social sciences.

Title
Evaluate social psychological evidence ethically

Tags
184626, 3

Learning Outcome
Students will be able to evaluate social psychological research using ethical principles of scientific rigor and Christ-like charity, demonstrating respect for human divine worth in the study and application of various research designs.

Title
Apply major areas of inquiry

Tags
184627, 4

Learning Outcome
Students will be able to apply major theories and empirical findings across diverse areas of social psychological inquiry, including the self, person perception, attitudes and persuasion, group processes, prejudice, interpersonal attraction, helping behavior, and aggression.

Title
Applications of social psychology

Tags
184628, 5

Learning Outcome
Students will be able to apply social psychological theory and research to strengthen relationships, families, and communities, reduce prejudice, increase pro-social engagement, and promote the building up of Zion.

PSYCH 352 - Applied Social Psychology.

Course Information

Teaching Area (new)
PSYCH

Course Number
352

Teaching Area
PSYCH

Course Title
Applied Social Psychology.

Course Description
Applying social psychological theory, research, and methods to such domains as law, business, education, the media, mental health, and physical health.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Learning Outcomes

Title
1. Defining a social problem

Tags
184629, 2

Learning Outcome
Students will be able to understand how one defines something as a "social problem". Measurement: Multiple choice tests, short essays.

Title
2. Basic compared to applied social psychology

Tags
184630, 3

Learning Outcome
Students will be able to compare and contrast basic and applied social psychology. Measurement: Multiple choice tests, short essays.

Title
3. Substantive areas of social psychological application

Tags
184631, 4

Learning Outcome
Students will be able to identify substantive areas of social psychological application, such as education, physical health, mental health, the environment, and business. Measurement: Multiple choice tests, short essays.

Title
4. Research project

Tags
184922, 1

Learning Outcome
Students will be able to apply social psychological methods to an intervention designed to understand or ameliorate a social problem. Measurement: Evaluation of project

PSYCH 353 - The Restored Gospel of Jesus Christ and Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
353

Teaching Area
PSYCH

Course Title
The Restored Gospel of Jesus Christ and Psychology

Course Description
Relationships between theories of psychology and Latter-day Saint thought.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Learning Outcomes

Title
Integrating Gospel Truths with Psychological Understanding

Learning Outcome
Students will recognize and understand truths and doctrines of the Restored Gospel of Jesus Christ as they are relevant to our understanding of ourselves and what it means to be a human being, and thus how they can and should impact the theory and practice of psychology.

Title
Evaluating Psychological Theories in Light of Gospel Principles

Learning Outcome
Students will be able to understand and evaluate key theories, models, and practices in the field of psychology in terms of their compatibility or conflict with the truths revealed in the Restored Gospel and their implications for our own self-understanding.

Title
Interpreting Psychology Through a Faith-Based Framework

Learning Outcome
Students will understand and appreciate the practice of interpreting the tenets, philosophical commitments, and assumptions of mainstream psychology in light of the principles and doctrines of the Restored Gospel rather than the other way round.

Title
Exploring Christian Perspectives on Psychology and Practice

Learning Outcome
Students will develop some sense and appreciation of related efforts to understand and evaluate psychology in light of Christian faith, doctrine, and practice as manifest in other Christian Faith traditions.

PSYCH 354 - Psychology of Religion

Course Information

Teaching Area (new)
PSYCH

Course Number
354

Teaching Area
PSYCH

Course Title
Psychology of Religion

Course Description
Religious and Spiritual motivation, growth, assumptions, behaviors, experiences and outcomes as they affect individuals and communities across major world religions.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Learning Outcomes

Title
1. Key assumptions of psychology, religion, and spirituality

Tags
184820, 1

Learning Outcome
Students will define psychology, religion, and spirituality and compare and contrast their key assumptions.
Measurement: Multiple choice/Analytic essays.

Title
2. Critical examination of perspectives

Tags
184821, 2

Learning Outcome
Students will critically examine the implications of psychological perspectives on religion and spirituality, as well as the implications of religious and spiritual perspectives on psychology.
Measurement: Analytic essays.

Title
3. Alternative perspectives

Tags
184822, 3

Learning Outcome
Students will identify alternative psychological, religious, and spiritual perspectives, examine their assumptions, and consider the value of their alternative implications to the relationship between these three worldviews.
Measurement: Multiple choice/Analytical essays.

Title
4. Critical examination of one's own assumptions

Tags
184823, 4

Learning Outcome
Students will critically examine their own assumptions about the relationship between psychology, religion, and spirituality.
Measurement: Analytical essays.

PSYCH 356 - Introduction to Health Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
356

Teaching Area
PSYCH

Course Title
Introduction to Health Psychology

Course Description
Psychology focusing on the Biopsychological Model, i.e., health issues from standpoint of biological, psychological, and social factors.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Psychosocial and Spiritual Health Factors

Tags
184632, 1

Learning Outcome
Identify and describe psychosocial, behavioral, and spiritual/religious factors that influence health.

Title
Analyzing Health Outcomes Research

Tags
184633, 2

Learning Outcome
Critically analyze research to assess the impact of these factors on acute and chronic health conditions.

Title
Evaluating Sociocultural Health Contexts

Tags
184634, 3

Learning Outcome
Evaluate how sociocultural contexts and access to medical treatments shape health outcomes.

Title
Assessing Personal Health Behaviors

Tags
184824, 4

Learning Outcome
Assess personal health behaviors and their contributions to individual health and well-being.

PSYCH 358 - Leadership Development

Course Information

Teaching Area (new)
PSYCH

Course Number
358

Teaching Area
PSYCH

Course Title
Leadership Development

Course Description
Principles and practices of successful leadership: decision making, communications, planning, team building, motivation, and interpersonal skills.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science **AND** PSYCH 307 - Writing Within Psychology

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
1. Major areas of the psychology of leadership

Tags
184825, 2

Learning Outcome
Students will demonstrate a basic understanding of the major areas of the psychology of leadership, including leadership as trait or as function; leadership styles (charismatic, transactional, transformational); contingency and situational leadership; ethics and responsibility; influence tactics; teamwork and team-building; motivation and coaching skills; creativity and innovation; communication, negotiation, and conflict resolution; strategic and tactical leadership; leadership development and succession planning. Measurement: Multiple choice tests, short essays.

Title
2. Apply leadership theory to specific situations

Tags
184826, 1

Learning Outcome
Students will learn to apply leadership theory to specific organizational situations. Measurement: Writing assignment.

PSYCH 370 - Sensation and Perception

Course Information

Teaching Area (new)
PSYCH

Course Number
370

Teaching Area
PSYCH

Course Title
Sensation and Perception

Course Description
Sensory basis of perception and principles of perceptual organization.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Sensory Transduction and Systems

Tags
184827, 1

Learning Outcome
Students will be able to describe the general principles of sensory transduction and afferent information flow for the primary senses, including the specific mechanisms of vision and audition as representative examples.

Title
Cognitive Influences on Perception

Tags
184829, 3

Learning Outcome
Students will be able to outline the influence of conscious and unconscious cognitive processes on our perceptual experience.

Title
Sensory Atypicality and Disability

Tags
184830, 2

Learning Outcome
Students will present (an) informed personal position(s) on the effect of sensory atypicalities on quality of life, and their definition of 'disability.'

Title
Applying Perception to Behavior Change

Tags
184828, 0, 4

Learning Outcome
Students will propose an experimental action they will take this semester that will use principles learned in Sensation and Perception to change a future target behavior.

PSYCH 375 - Cognition

Course Information

Teaching Area (new)
PSYCH

Course Number
375

Teaching Area
PSYCH

Course Title
Cognition

Course Description
Perceptual organization; information processing; cognitive development; relationships between sensory analysis, perception, memory, learning, language, and problem solving.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 316 - Neuroscience Advanced Writing **AND** PSYCH 111 - Introduction to Psychological Science

OR

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science **AND** WRTG 315 - Writing in the Social Sciences

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Exploring Human Thought and Cognition

Tags
184638, 1

Learning Outcome
Explain core principles of human cognition and cognitive processes (e.g., attention, memory, language, problem solving, and decision-making) that are based on empirical evidence from psychological research.

Title
Applying Cognitive Principles to Promote Well-Being

Tags
184639, 0, 2

Learning Outcome
Apply principles of human cognition to real-world domains in ways that promote personal growth and well-being, as well as the growth and well-being of others.

Title
Cultivating Compassion Through Cognitive Awareness

Learning Outcome
Identify how cognitive processes and biases influence learning and decision-making, and apply this awareness to engage others with greater compassion.

PSYCH 377 - The Cognitive Neuroscience of Memory

Course Information

Teaching Area (new)
PSYCH

Course Number
377

Teaching Area
PSYCH

Course Title
The Cognitive Neuroscience of Memory

Course Description
Advanced topics in current and historical memory research.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Psych 381 or Psych 375 or Neuro 380 or equivalent.

Learning Outcomes

Title
Understanding Memory

Tags
208239, 0, 1

Learning Outcome
Understand memory systems and processes: Students will be able to explain how distinct memory systems and processes (e.g., working, episodic, semantic, procedural; encoding, consolidation, retrieval) emerge from interactions among brain networks, and why this knowledge matters for thoughtful learning and service.

Title
Evaluating Memory Evidence

Tags
208240, 0, 2

Learning Outcome
Evaluate evidence about memory: Students will be able to critique claims about memory in primary research and public discourse by weighing evidence, assumptions, and limitations from behavioral, neuroimaging, electrophysiological, and neuropsychological approaches with intellectual rigor and integrity.

Title
Applying Memory Science

Tags
208241, 0, 3

Learning Outcome
Apply memory science for well-being and service: Students will be able to apply cognitive neuroscience principles of memory to develop evidence-informed recommendations that support learning, well-being, and service in real-world or clinical contexts.

Title
Integrating Faith and Ethics

Learning Outcome
Integrate disciplinary and gospel-centered values: Students will be able to integrate ethical responsibilities, disciplinary values, and commitment to the restored gospel of Jesus Christ in their approach to studying and communicating about memory in ways that strengthen character and support lifelong learning and service.

PSYCH 381 - Behavioral Neurobiology

Course Information

Teaching Area (new)
PSYCH

Course Number
381

Teaching Area
PSYCH

Course Title
Behavioral Neurobiology

Course Description
Basic physiological, anatomical, and chemical foundations of psychology.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Other Prerequisites
(Neuro 205 will substitute for Psych 310.)

Note
Contains content featured in the Graduate Record Examination (GRE). Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
1. The brain, experience, and behavior

Tags
184640, 1

Learning Outcome
Students will develop an understanding of how the brain influences human experience and behavior, integrating empirical evidence with reflection on spirituality, moral responsibility, and the nature of human experience. Measurement: Quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected articles from the scientific literature.

Title
2. Scientific methods and behavioral neurobiology

Tags
184641, 2

Learning Outcome
Students will identify and critically evaluate scientific methods used in behavioral neurobiology and cognitive neuroscience, with attention to experimental design, data interpretation, and ethical research practices. Measurement: Quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected articles from the scientific literature.

Title
3. Diseases, trauma, drug usage, hormones, and genes

Tags
184642, 3

Learning Outcome
Students will apply neuroscientific concepts and research findings to understand the biological bases of diseases, trauma, drug use, hormonal influences, and genetic factors, with attention to ethical considerations, human dignity, and societal impact. Measurement: Quizzes and/or exams on assigned textbook reading, lectures, and class discussions and written reports and/or in-class presentations of self-selected articles from the scientific literature.

PSYCH 382 - Stress Psychobiology

Course Information

Teaching Area (new)
PSYCH

Course Number
382

Teaching Area
PSYCH

Course Title
Stress Psychobiology

Course Description
Behavioral neurobiology of stress.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 381 - Behavioral Neurobiology

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Understanding Stress and Disease

Tags
184836, 1

Learning Outcome
1. Describe how stress affects physiology and contributes to physical disease. Be able to critically think about how stress perception and physiology interact as we adapt to our life contexts, and how failure to adapt contributes to disease.

Title
Understanding Stress Responses

Tags
184837, 2

Learning Outcome
2. Understand the factors that moderate stress experience, particularly how cognition, emotion, behavior, social relationships, and culture can shape the stress response.

Title
Managing Stress for Well-Being

Tags
184838, 3

Learning Outcome
3. Learn to use stress management and biofeedback techniques, and building on class material create your own personalized integrative health plan. Be able to self-assess your own life stressors and identify which approaches to stress management best help you learn to regulate your stress response and harness stress energy for positive outcomes.

PSYCH 387 - Introduction to Primate Behavior

Course Information

Teaching Area (new)
PSYCH

Course Number
387

Teaching Area
PSYCH

Course Title
Introduction to Primate Behavior

Course Description
Overview of primate behavior; the role of parental care on developmental outcome, functional neurobiology, and psychopathology.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science
  AND PSYCH 307 - Writing Within Psychology

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Learning Outcomes

Title
1. The diversity of primate species and environments

Tags
184643, 1

Learning Outcome
Students will recognize the diversity of primate species and environments, and examine representative species in detail.
Measurement: In-class quizzes and exams on the assigned reading.

Title
2. Specific aspects of primate behavior

Tags
184644, 2

Learning Outcome
Students will examine specific aspects of behavior, including emotion, cognition, language, parental care, sociality, functional neurobiology, and psychopathology.
Measurement: In-class quizzes and exams on the assigned reading.

Title
3. Compare and contrast non-human and human primates

Tags
184645, 3

Learning Outcome
Students will compare and contrast nonhuman-primate and human behavior and environments, and consider the implications for personal beliefs about human behavior.
Measurement: Literature review on a self-selected topic in multiple drafts with peer-, Writing Center-, and instructor-review.

PSYCH 388 - Drugs, Reward and Addiction

Course Information

Teaching Area (new)
PSYCH

Course Number
388

Teaching Area
PSYCH

Course Title
Drugs, Reward and Addiction

Course Description
Examines the biopsychosocial nature of drug and behavioral addiction. This course presents the most current research in the field and bridges psychology and neuroscience.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 111 - Introduction to Psychological Science

OR

Prerequisites

Complete ALL of the following Courses:

- NEURO 205 - Neurobiology

Learning Outcomes

Title
1. Reward

Tags
184839, 1

Learning Outcome
Students will develop an understanding of the reward processing and learning systems of the human brain; apply the anatomical and physiological principles of the reward system to normal behavior; and relate disorder of the system to disordered behavior.

Title
2. Addiction

Tags
184840, 2

Learning Outcome
Students will identify the clinical, behavioral, and physiological aspects of addiction, and be able to productively engage in discussion about what the term addiction encompasses.

Title
3. Drugs

Tags
184924, 3

Learning Outcome
Students will compare and contrast clinical profiles, social factors, history, physiology, and treatment approaches of major drugs of abuse.

Title
4. Lived Experience of Reward and Addiction

Learning Outcome
Students will relate their own lived experience of learning and behavior with the principles they have learned in the course and be more empowered to strive for healthy, hygienic motivated behaviors throughout their lives. Students will lead with curiosity, compassion, and grace in their approach to individuals with lived experience with addiction, grounded in the principles they have learned in the course and their understanding of the principles of the gospel of Jesus Christ.

PSYCH 390R - Sleep Psychology

Course Information

Course Number
390R

Teaching Area
PSYCH

Course Title
Sleep Psychology

Course Description
This course will develop knowledge of the associations between sleep and health outcomes

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor permission required

Learning Outcomes

Title
Knowledge of sleep theories and methodological approaches

Tags
214339, 0, 1, 2023-08-29 12:02:55

Learning Outcome
Student(s) will describe the basic theoretical perspectives and methodological approaches in sleep science and sleep psychology.

Title
Sleep research data collection methods

Tags
214340, 0, 2, 2023-08-29 12:02:56

Learning Outcome
Student(s) will demonstrate proficiency in sleep research methods including polysomnography (PSG) wire up and scoring, actigraphy collection and scoring, magnetic resonance imaging (MRI) training, dim-light melatonin onset (DILMO) training, and/or data management skills according to the individual student's level of training and long-term goals.

Title
Critical skills

Tags
214341, 0, 3, 2023-08-29 12:02:58

Learning Outcome
Student(s) will demonstrate professional skills in critical, scientific, and ethical thinking.

PSYCH 390R - Special Topics in Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
390R

Teaching Area
PSYCH

Course Title
Special Topics in Psychology

Course Description
Exploration of specific topics that are not currently among the main thematic fields of psychology.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
2. Identify subdisciplines in psychology related to that top

Tags
184716, 1

Learning Outcome
Students will identify related subdisciplines in psychology and their primary contributions to the topic.Measurement:In-class quizzes and exams on the assigned reading.

Title
3. Proposal for a research approach to that topic.

Tags
184783, 2

Learning Outcome
Students will identify primary means of scientific research in the topic, and formulate a proposal for additional research.Measurement: Author a proposal for original research in multiple drafts that includes a literature review, description of method and data analysis, statement of significance, references, and timeline and estimated budget.

Title
1. Develop understanding of a non-focal topic in psychology

Tags
184895, 1

Learning Outcome
Students will develop their understanding of a psychological topic that is not focal in the undergraduate curriculum otherwise.

PSYCH 399R - Academic Internship

Course Information

Teaching Area (new)
PSYCH

Course Number
399R

Teaching Area
PSYCH

Course Title
Academic Internship

Course Description
Supervised professional experiences linking academic learning with experience in the field of psychology.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- PSYCH 307 - Writing Within Psychology

Note
NOTE: A maximum of 9 total internship credit hours from either Psych 399R or Psych 496R may be taken. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
1. Placement in a professionally enhancing work setting

Tags
184646, 1

Learning Outcome
The first and primary objective is the placement of each student in a professionally enhancing work setting. We intend to continuously improve the quality of internship experiences being offered through a process of continuous assessment of all internships, negotiations with agencies, and internship advisement and counseling of students at the beginning of the contractual process.

Title
2. Work experience connections to the content of psychology

Tags
184931, 2

Learning Outcome
Students will critically reflect on the connections between their work experience and the content of psychology and articulate these work-related insights.
Measurement: Short essays essay examinations, and applications book review.

Title
3. Professional skills and attitudes

Tags
184932, 3

Learning Outcome
Students will develop professional skills and attitudes through readings on professional etiquette, in-class presentations to classmates, and poster presentation at open house.
Measurement: Graded writing assignments, PowerPoint presentation, and poster creation and presentation.

PSYCH 410R - Capstone: Teaching Assistant

Course Information

Teaching Area (new)
PSYCH

Course Number
410R

Teaching Area
PSYCH

Course Title
Capstone: Teaching Assistant

Course Description
Capstone experience as an undergraduate teaching assistant for a Psychology department class.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 310 - Psychological Research Design and Analysis
  AND PSYCH 313 - Psychometrics

Other Prerequisites
and instructor's consent.

Learning Outcomes

Title
1. Skill in grading, mentoring, and/or teaching

Tags
184647, 1

Learning Outcome
Students will demonstrate skill in grading, mentoring, and /or teaching one or more areas of psychology. In addition to their applied work under a faculty mentor, they will be instructed in a "teaching of psychology" class. Measurement: Student academic performance in this capstone will be assessed using multiple choice and short essay exams on the material from the class. Student application of teaching and grading practices and principles will be assessed through mentor evaluation of performance.

PSYCH 420R - Capstone: Communication & Technology

Course Information

Teaching Area (new)
PSYCH

Course Number
420R

Teaching Area
PSYCH

Course Title
Capstone: Communication & Technology

Course Description
Capstone experience utilizing Psychology concepts and technology to communicate effectively.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 313 - Psychometrics
  AND PSYCH 310 - Psychological Research Design and Analysis

Other Prerequisites
and instructor's consent.

Learning Outcomes

Title
1. Use of Technology to Communicate Effectively

Tags
184648, 1

Learning Outcome
Students will use their knowledge of equity, diversity, and inclusion to improve the effectiveness of their communication skills. They will demonstrate that they can communicate the results of a research study or other psychology-related project, explain scientific results, and present information to professional audiences in different formats. Students will display sophistication in using appropriate technology to improve communication outcomes. Measurement: Quality of online publications and social media communications.

PSYCH 430R - Capstone: Research

Course Information

Teaching Area (new)
PSYCH

Course Number
430R

Teaching Area
PSYCH

Course Title
Capstone: Research

Course Description
Capstone experience in psychological research in a Psychology faculty research lab—laboratory-based, field-based, or otherwise—on a Psychology-related research project. Any outside research opportunities with non-Psychology faculty must be Psychology-related and evaluated and approved on a case-by-case basis.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 310 - Psychological Research Design and Analysis
  AND PSYCH 313 - Psychometrics

OR

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 310 - Psychological Research Design and Analysis
  AND PSYCH 312R - Advanced Methods

Other Prerequisites
and instructor's consent.

Note
Each one credit = 6 hours of work in the lab. So, three credits = 18 hours of time spent in the lab.

Learning Outcomes

Title
1. Skill development in the Psychology research process

Tags
184649, 1

Learning Outcome
Students will demonstrate that they can exercise scientific reasoning to investigate psychological phenomena, interpret, design, and evaluate psychological research , and use statistics to evaluate quantitative research findings. Measurement: Self- and Mentor-assessment of performance

PSYCH 492R - Supervised Instructional or Research Experience

Course Information

Teaching Area (new)
PSYCH

Course Number
492R

Teaching Area
PSYCH

Course Title
Supervised Instructional or Research Experience

Course Description
Course-related instructional activities or laboratory/field research.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Note
Each one credit = 6 hours of work in the lab. So, three credits = 18 hours of time spent in the lab.

Learning Outcomes

Title
1. Demonstrated Skill in Instruction or Demonstrated Skill in Research

Tags
184933, 0

Learning Outcome
Student(s) will demonstrate skill in developing an instructional plan and lectures in an area of psychology, or skill in an area of psychological research.
Measurement: Student mastery of the instructional process or the research process will be assessed from a paper or other method of documentation prepared by the end of the semester.

PSYCH 495R - Independent Readings

Course Information

Teaching Area (new)
PSYCH

Course Number
495R

Teaching Area
PSYCH

Course Title
Independent Readings

Course Description
Supervised research experiences related to literature review in psychology.

Department
Psychology

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
1. Demonstrated Mastery of a Topic Area of Psychological Research

Tags
185006, 0

Learning Outcome
Student(s) will demonstrate mastery of a topic area of psychological research, obtained by their own independent scholarly work.
Measurement: Student mastery of the research area will be assessed from a paper prepared by the end of the semester.

PSYCH 496R - Capstone: Internship

Course Information

Teaching Area (new)
PSYCH

Course Number
496R

Teaching Area
PSYCH

Course Title
Capstone: Internship

Course Description
An academic internship for Psychology majors which fulfills the senior capstone requirement.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 307 - Writing Within Psychology
  AND PSYCH 313 - Psychometrics
  AND PSYCH 310 - Psychological Research Design and Analysis

Other Prerequisites
senior standing.

Note
NOTE: The Psychology Department strongly recommends students register for 3 credits of academic internship in one semester (unless there is a unique, extenuating circumstance that justifies more). NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
1. Applied Psychology in a Practical Setting

Tags
184934, 1

Learning Outcome
Students will describe examples of relevant and practical applications of psychological principles to their internship and everyday life. Measure: Self-reflection.

Title
2. Interact Effectively and Ethically

Learning Outcome
Students will demonstrate mastery of the skills and values learned in the Psychology major by communicating effectively and upholding high ethical and professional standards in the workplace. Measure: Self-reflection.

PSYCH 499R - Independent Research

Course Information

Teaching Area (new)
PSYCH

Course Number
499R

Teaching Area
PSYCH

Course Title
Independent Research

Course Description
Supervised research experiences related to data gathering, analysis, and writing in psychology.

Department
Psychology

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
1. Demonstrated Skill in Research

Tags
184935, 0

PSYCH 501 - Data Analysis in Psychological Research 1

Course Information

Teaching Area (new)
PSYCH

Course Number
501

Teaching Area
PSYCH

Course Title
Data Analysis in Psychological Research 1

Course Description
Using and interpreting major quantitative methods in psychology; some commonly used computer methods.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 308 - Psychological Statistics

Other Prerequisites
or instructor's consent.

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Demonstrate fluency with statistical language and core concepts

Tags
206965, 0

Learning Outcome
Students will demonstrate clear and confident use of statistical notation, formulae, and foundational concepts.

Title
2. Exercise sound judgment in selecting and interpreting statistical methods

Tags
206966, 1

Learning Outcome
Students will demonstrate responsible and ethical decision-making when choosing statistical methods and interpreting results

Title
3. Apply statistical reasoning to unfamiliar and meaningful problems

Tags
206967, 2

Learning Outcome
Students will extend statistical ideas to novel situations in ways that cultivate lifelong learning and prepare them to use quantitative reasoning in future scholarship, service, and civic contribution. (Lifelong Learning)

PSYCH 502 - Data Analysis in Psychological Research 2

Course Information

Teaching Area (new)
PSYCH

Course Number
502

Teaching Area
PSYCH

Course Title
Data Analysis in Psychological Research 2

Course Description
Introduction to multivariate data analysis methods, including multivariate analysis of variance, factor analysis, discriminant analysis, multivariate multiple regression, canonical correlation, structural equations modeling, cluster analysis, etc.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 501 - Data Analysis in Psychological Research 1

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Conducting Multivariate Analyses

Tags
184720, 0

Learning Outcome
Conduct and interpret multivariate analyses appropriate to psychological research questions. Students will specify models, evaluate their fit to data, and draw substantive conclusions across a range of methods from exploratory factor analysis through structural equation modeling. (Intellectually Enlarging)

Title
Communicating and Defending Analyses

Tags
184738, 2

Learning Outcome
Communicate and defend analytic findings with the precision and transparency required for professional psychological science. Students will articulate their methodological reasoning clearly, demonstrating command of both what the data support and where the limits of interpretation lie. (Intellectually Enlarging / Lifelong Learning and Service)

Title
Practicing Research Integrity

Tags
206969, 1

Learning Outcome
Practice research integrity by identifying and guarding against threats to replicable science. Students will evaluate questionable research practices, apply principles of ethical data stewardship, and develop standards for producing trustworthy research in their own programs of study. (Character Building / Spiritually Strengthening)

PSYCH 503 - Research Measurement

Course Information

Teaching Area (new)
PSYCH

Course Number
503

Teaching Area
PSYCH

Course Title
Research Measurement

Course Description
Classical true score and item response theories; estimation procedures for instrument reliability and validity.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 501 - Data Analysis in Psychological Research 1

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
1. Thorough understanding of test and measurement theory

Tags
184753, 0

Learning Outcome
Students will become full-fledged psychometric ninjas. That is, students will develop a thorough understanding of test and measurement theory and their importance to science and practice in clinical psychology.Measurement: This objective will be assessed through students’ contributions to class discussions and students’ performance on homework assignments and exams.

Title
3. Develop a thoughtful, critical perspective

Tags
184761, 2

Learning Outcome
Students will develop a critical perspective of psychological testing by learning its strengths and limitations. “Critical” is used here to denote a thoughtful analysis rather than simply a negative perspective that focuses on limitations.Measurement: This objective will be achieved through class discussion, homework assignments, and exams.

Title
2. Statistical software to assess tests

Tags
184788, 1

Learning Outcome
Students will gain experience using the statistical analysis software (for example SPSS and AMOS) needed to develop and assess tests and measures used in psychology.Measurement: This objective will be achieved through homework assignments.

Title
4. Write clearly, concisely, and precisely about measures

Tags
184936, 3

Learning Outcome
Students will learn to speak and write about statistics in a way that is clear, concise, and precise.
Measurement: This objective will be achieved through class discussion, homework assignments, and exams.

PSYCH 504 - Research Design

Course Information

Teaching Area (new)
PSYCH

Course Number
504

Teaching Area
PSYCH

Course Title
Research Design

Course Description
Overview of designs used in psychotherapeutic literature, emphasizing critical analysis of empirical research.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Psych 501.

Learning Outcomes

Title
1. Understanding of research design and methodology

Tags
184704, 0

Learning Outcome
Students will acquire a fundamental understanding of research design and methodology, and the thinking skills to develop and critique a research design.Measurement: This will be measured by exams and writing assignments.

Title
3. Working knowledge of APA ethical standards for research

Tags
184744, 2

Learning Outcome
Students will acquire a working knowledge of APA ethical standards for research with humans and animals.Measurement: This will be measured by in class conversations about the required reading, exams and assignments.

Title
2. Learn to use research design principles in own research

Tags
184754, 1

Learning Outcome
Students will learn to use research design principles in conducting their own research.Measurement: This will be measured by exams and writing assignments.

Title
4. Skill in developing and critiquing study design

Tags
184937, 3

Learning Outcome
Students will acquire skill in developing and critiquing a study from the standpoint of design and methodology.
Measurement: This will be measured by exams and assignments.

PSYCH 505 - Clinical Research

Course Information

Teaching Area (new)
PSYCH

Course Number
505

Teaching Area
PSYCH

Course Title
Clinical Research

Course Description
Overview of research examining processes and outcomes of psychological treatments for psychological disorders.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 504 - Research Design

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
2. Evolution of themes and controversies

Tags
184734, 1

Learning Outcome
Students will assess the history and evolution of important themes and controversies that have influenced the current state of psychotherapy, such as the impact of managed care, shortened therapy time limits, and the push towards evidence-based practices.Measurement: Class presentations, essay exam.

Title
1. Describe and summarize effectiveness of therapy/interventions

Tags
184938, 0

Learning Outcome
Students will describe and summarize the effectiveness of psychological interventions as well as the effective ingredients of therapy. Measurement: Class presentations, brief writing assignments.

Title
3. Implications of current research for the practice of psychotherapy

Tags
184939, 2

Learning Outcome
Students will discuss the implications of current research findings for the practice of psychotherapy and for their own professional practice. Measurement: Essays questions.

PSYCH 510 - History and Systems of Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
510

Teaching Area
PSYCH

Course Title
History and Systems of Psychology

Course Description
Survey of origins and development of modern psychology, including consideration of the schools and theoretical systems.

Department
Psychology

When Taught
Spring Term Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 210 - A History of Psychology

Other Prerequisites
or equivalent; or instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Analyzing Foundations of Psychological Thought

Tags
184589, 1

Learning Outcome
Analyze the assumptions about human nature that underlie major psychological traditions. Students will compare and contrast the philosophical and theoretical commitments of historical schools of thought, tracing how these assumptions have shaped - and continue to shape - contemporary psychology.

Title
Evaluating Historical Influences on Theory and Practice

Tags
184590, 2

Learning Outcome
Evaluate how historical and conceptual developments in psychology inform current theory and practice. Students will assess the implications of foundational ideas for the research questions, methods, and interpretive frameworks used in their own areas of study.

Title
Articulating an Intellectual Identity in Psychology

Tags
184591, 3

Learning Outcome
Articulate a reasoned intellectual identity within the discipline's ongoing debates. Students will develop and express a thoughtful position on enduring questions in psychology - including questions about the nature of persons, the scope of scientific inquiry, and the relationship between psychological science and faith.

PSYCH 511 - Philosophy of Science for the Social Sciences

Course Information

Teaching Area (new)
PSYCH

Course Number
511

Teaching Area
PSYCH

Course Title
Philosophy of Science for the Social Sciences

Course Description
Issues in philosophy of science as they apply to social sciences, including methods, epistemology, and construction of knowledge.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent or admission to PhD program

Learning Outcomes

Title
Tracing Development of Science, Faith, and Reason

Tags
184712, 1

Learning Outcome
Students will understand the development of science in the Western intellectual tradition in the context of the related development of both faith and reason.

Title
Comparing Definitions and Limits of Science

Tags
184718, 0

Learning Outcome
Students will be able compare and contrast the various definitions and characterizations of science through Western history and the strengths and limitations of Empiricist science as a method for studying human beings and human experiences such as moral sensibility, and for establishing truth.

Title
Contrasting Gospel and Positivist Epistemologies

Tags
184765, 2

Learning Outcome
Students will compare and contrast the gospel of Jesus Christ as restored in the nineteenth century and its implications for the nature, possibility, and form of knowledge with Positivism, which was the dominant epistemological position of the nineteenth century, giving attention to issues of science and knowledge in both the nineteenth century and today.

Title
Analyzing Postmodern Influences on Knowledge and Faith

Learning Outcome
The contemporary culture and the intellectual landscape are currently dominated by post-modern perspectives. Students will be able to recognize and unpack the intellectual influences of postmodern philosophy on both the understanding and conduct of scientific research and on the dimensions and content of faith life.

PSYCH 512 - Qualitative Research Methods

Course Information

Teaching Area (new)
PSYCH

Course Number
512

Teaching Area
PSYCH

Course Title
Qualitative Research Methods

Course Description
Theories and methods of qualitative research emphasizing philosophical assumptions, question formulation, data gathering, interpretation, and presentation of findings.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Identify and critically evaluate qualitative methods

Tags
184714, 0

Learning Outcome
Students will identify and critically evaluate a broad range of qualitative methods of research in contemporary psychology.Measurement: Multiple choice quizzes/Analytic essays.

Title
3. Critically evaluate contemporary qualitative research

Tags
184715, 2

Learning Outcome
Students will critically evaluate contemporary examples of qualitative research from a variety of traditions, as well as submit their own work in the course to such evaluation.Measurement: Analytic essays and critical review papers.

Title
2. Propose, design, and conduct a novel qualitative project

Tags
184727, 1

Learning Outcome
Students will propose, design, and conduct a novel research project employing qualitative methods.Measurement: Course length research project.

PSYCH 513R - Topics in Behavioral Neuroscience

Course Information

Teaching Area (new)
PSYCH

Course Number
513R

Teaching Area
PSYCH

Course Title
Topics in Behavioral Neuroscience

Course Description
Advanced topics and skills in behavioral neuroscience.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Psych 381 or equivalent or instructor's consent.

Learning Outcomes

Title
Topics in Beh Neuroscience

Tags
184940, 1

Learning Outcome
(1) Students will demonstrate skill in several aspects of the research process including such things as: data gathering, data analysis, literature review and evaluation, writing, and publishing.

PSYCH 514 - Computational Neuroimaging Analysis

Course Information

Teaching Area (new)
PSYCH

Course Number
514

Teaching Area
PSYCH

Course Title
Computational Neuroimaging Analysis

Course Description
Development of skills in basic command line operations in the Unix environment that are specific to neuroimaging design and analysis.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
1

Learning Outcomes

Title
1. Computational Fluency in Research Environments

Tags
208188, 0, 1

Learning Outcome
Students will demonstrate proficiency in command-line environments by constructing and executing reproducible computational workflows, including scripting, environment configuration, and program compilation.

Title
2. High-Performance Computing Principles

Tags
208189, 0, 2

Learning Outcome
Students will apply principles of parallel computing to manage data, schedule jobs, optimize workflows, and verify outputs within shared computational environments.

Title
3. Independent and Sustainable Computational Practices

Learning Outcome
Students will develop independent problem-solving strategies and sustainable coding practices that support long-term research productivity and collaboration.

PSYCH 515 - Neuroimaging Analysis 1: Structural Imaging

Course Information

Teaching Area (new)
PSYCH

Course Number
515

Teaching Area
PSYCH

Course Title
Neuroimaging Analysis 1: Structural Imaging

Course Description
Exposure to the physical and biological bases of image acquisition, the technologies of in vivo neuroimaging, the application of these technologies to understanding questions in neuroscience, and an introduction to the design and analysis of structural neuroimaging experiments.

Department
Psychology

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PSYCH 514 (can be taken concurrently), or instructor's consent.

Learning Outcomes

Title
1. Physical and Biological Foundations of Neuroimaging

Tags
208184, 0, 1

Learning Outcome
Students will explain the physical principles of magnetic resonance and their biological implications for characterizing brain tissue, structure, and function in image acquisition.

Title
2. Reproducible Neuroimaging Workflows

Tags
208185, 0, 2

Learning Outcome
Students will design and implement reproducible pipelines for processing and analyzing structural neuroimaging data using standard toolkits, demonstrating careful documentation and responsible use of shared computational resources.

Title
3. Critical Evaluation of Neuroimaging Methodology

Tags
208186, 0, 3

Learning Outcome
Students will critically evaluate neuroimaging literature with attention to scientific rigor, methodological limitations, and responsible interpretation of results as they relate to human well-being and scientific understanding.

Title
4. Responsible Communication of Neuroimaging Findings

Tags
208187, 0, 4

Learning Outcome
Students will communicate neuroimaging findings clearly and responsibly, recognizing the interpretive limits of imaging data and the broader implications for scientific and public understanding.

PSYCH 516 - Neuroimaging Analysis 2: Diffusion Weighted Imaging

Course Information

Teaching Area (new)
PSYCH

Course Number
516

Teaching Area
PSYCH

Course Title
Neuroimaging Analysis 2: Diffusion Weighted Imaging

Course Description
The principles of diffusion weighted image acquisition and how to design, analyze, and interpret diffusion tensor imaging experiments.

Department
Psychology

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Psych 514 (can be taken concurrently) and Psych 515. Or instructor's consent.

Learning Outcomes

Title
1. Principles of Diffusion-Weighted Image Acquisition

Learning Outcome
Students will explain the physical and mathematical principles underlying diffusion-weighted imaging and diffusion tensor modeling, including the assumptions and limitations of commonly used metrics.

Title
2. Diffusion Data Processing and Analysis

Learning Outcome
Students will implement and document a complete diffusion data processing pipeline, including preprocessing, tensor estimation, and tract-based or voxelwise statistical analysis in ways that reflect scientific integrity and respect for research participants.

Title
3. Interpretation of Diffusion Metrics

Learning Outcome
Students will interpret diffusion metrics (e.g., FA, RD, MD) in relation to white matter microstructure, recognizing both the biological inferences and the methodological constraints of these measures.

Title
4. Design of Diffusion-Based Research

Learning Outcome
Students will formulate a theoretically grounded research proposal using diffusion-weighted imaging, articulating clear hypotheses, justified acquisition parameters, and appropriate analytic strategies with attention to ethical stewardship of data and methods.

PSYCH 517 - Neuroimaging Analysis 3: fMRI

Course Information

Teaching Area (new)
PSYCH

Course Number
517

Teaching Area
PSYCH

Course Title
Neuroimaging Analysis 3: fMRI

Course Description
Functional MRI experimental design and data analysis methods.

Department
Psychology

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Psych 514, 515, and 516. Or, instructor's consent.

Learning Outcomes

Title
1. Designing Rigorous Experiments

Learning Outcome
Design theoretically grounded and methodologically rigorous fMRI experiments by formulating testable hypotheses, selecting appropriate task or resting-state paradigms, and justifying methodological choices in light of practical and ethical constraints.

Title
2. Implementing Preprocessing and Modeling

Learning Outcome
Implement standardized fMRI preprocessing workflows and statistical modeling approaches (e.g., first- and second-level GLMs) in accordance with current best practices in data quality control and reproducibility.

Title
3. Interpreting Statistical Results

Learning Outcome
Interpret fMRI results using appropriate statistical inference procedures, effect size estimation, and multiple-comparisons correction to draw transparent, evidence-based, and theoretically coherent conclusions.

Title
4. Evaluating Validity and Ethics

Learning Outcome
Critically evaluate the validity, reproducibility, and ethical dimensions of fMRI research by applying open science principles, identifying methodological limitations and biases, and reflecting on the broader human and spiritual implications of neuroscience research in a spirit of professional service and lifelong learning.

PSYCH 520 - Advanced Developmental Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
520

Teaching Area
PSYCH

Course Title
Advanced Developmental Psychology

Course Description
Major research in developmental psychology, emphasizing theory, content, and methodology.

Department
Psychology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 320 - Developmental Psychology: Childhood
  AND PSYCH 321 - Developmental Psychology: Adolescence
  AND PSYCH 322 - Developmental Psychology: Adulthood

Other Prerequisites
or equivalent; or instructor's consent

Learning Outcomes

Title
2. Explain multifinality and equifinality

Tags
184710, 1

Learning Outcome
Students will explain how similar experiences can lead to different outcomes (multifinality) and how similar outcomes can arise from different starting points (equifinality).Measurement: Take-home essay examinations and reaction papers based on the assigned textbook reading. Lead class discussions.

Title
1. Understand the developmental perspective

Tags
184763, 0

Learning Outcome
Students will extend their understanding of and appreciation for the developmental perspective.Measurement: Take-home essay examinations and reaction papers based on the assigned textbook reading. Lead class discussions.

Title
3. Justify claim that phenotypes have developmental history

Tags
184941, 2

Learning Outcome
Students will justify the claim that all phenotypic outcomes, including behaviors, have a developmental history.
Measurement: Take-home essay exams and reaction papers based on the assigned textbook reading. Lead class discussions.

PSYCH 531 - Organizational Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
531

Teaching Area
PSYCH

Course Title
Organizational Psychology

Course Description
Personal and interpersonal aspects of organizational life: goal setting, decision making, problem solving, communication, control, leadership, motivation, and change.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 330 - Organizational Psychology

Other Prerequisites
or equivalent; or instructor's consent

Learning Outcomes

Title
1. Understanding of major areas of I/O psychology

Tags
184866, 1

Learning Outcome
Students will demonstrate a basic understanding of the major areas of organizational and industrial psychology, including human resources; leadership development; employee training, motivation, and satisfaction; group dynamics, organizational climate; and team-building.

Title
2. Apply organizational theory

Tags
184867, 2

Learning Outcome
Students will learn to apply organizational theory to specific organizational situations.

Title
3. Organizational skills

Tags
184868, 3

Learning Outcome
Students will acquire skill in collaborative teamwork, time management, self-motivation, and project planning.
Measurement: Evaluation of cooperative class assignments.

PSYCH 540 - Personality Theory

Course Information

Teaching Area (new)
PSYCH

Course Number
540

Teaching Area
PSYCH

Course Title
Personality Theory

Course Description
Contemporary theories of personality developed within the framework of major psychological systems.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 341 - Personality

Other Prerequisites
or equivalent; or instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Identify and distinguish the major personality theories

Tags
184593, 1

Learning Outcome
Students will identify and distinguish the major personality theories of psychology and their specific features and content.
Measurement: Multiple choice/critical analytic essays.

Title
2. Identify, compare, contrast, and evaluate assumptions

Tags
184594, 2

Learning Outcome
Students will identify, compare and contrast, and critically evaluate the philosophical and theoretical assumptions that underlie these personality theories.
Measurement: Multiple choice/critical analytic essays.

Title
3. Conceptual tools of theory construction and evaluation

Tags
184595, 3

Learning Outcome
Students will develop and demonstrate understanding of the conceptual tools of theory construction, analysis and evaluation.
Measurement: Critical analytic essays.

Title
4. Articulate their own position on major issues

Tags
184596, 4

Learning Outcome
Students will articulate their own position on some of the major issues of personality theory, theory construction, and application of theory.
Measurement: Essay assignment.

PSYCH 550 - Theory and Research in Social Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
550

Teaching Area
PSYCH

Course Title
Theory and Research in Social Psychology

Course Description
Current theories and research on interaction with others.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 350 - (Psych-Soc) Introduction to Social Psychology

Other Prerequisites
or equivalent; or instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Familiarity with social psychological theory and research

Tags
184651, 1

Learning Outcome
Students will acquire a deep familiarity with social psychological theory and social psychological research, and will demonstrate advanced competency in the field.
Measurement: Midterm and final essay exams.

Title
2. Summarize empirical research related to major topics

Tags
184652, 2

Learning Outcome
Students will be able to identify and find empirical research related to major topics in social psychology and write knowledgeable summaries of such research.
Measurement: Evaluation of class reports and written research summaries.

PSYCH 552 - Applied Social Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
552

Teaching Area
PSYCH

Course Title
Applied Social Psychology

Course Description
Overview of domains in which social psychological theory and research have been applied in field settings.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 352 - Applied Social Psychology.

Other Prerequisites
or equivalent; or instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
2. Conduct applied social psychological research

Tags
184713, 1

Learning Outcome
Students will meet with a client and develop, execute, and report the results of an applied research project.Measurement: Evaluation of written and oral report.

Title
1. Familiarity with applied social versus basic social

Tags
184719, 0

Learning Outcome
Students will understand the distinctions between basic and applied social psychology and will acquire an advanced understanding of and familiarity with the field of applied social psychology.Measurement: Midterm and final essay exams.

PSYCH 555 - Group Dynamics

Course Information

Teaching Area (new)
PSYCH

Course Number
555

Teaching Area
PSYCH

Course Title
Group Dynamics

Course Description
Theories and research on small-group processes and mass behavior.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or equivalent; or instructor's consent

Learning Outcomes

Title
Being considered for expiration.

Tags
184844, 1

Learning Outcome
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

PSYCH 565 - Motivational Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
565

Teaching Area
PSYCH

Course Title
Motivational Psychology

Course Description
Theoretical, historical, and empirical overview; recent trends and issues; role of animal studies; methodological issues.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or equivalent; or instructor's consent.

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Synthesize a multi-perspectival psychology of motivation

Tags
184735, 0

Learning Outcome
Students will synthesize a multi-perspectival psychology of motivation from a series of texts.Measurement: Take-home essay exams on assigned reading. Regular in-class conversation focused on student-submitted questions about the assigned reading.

Title
2. Compare and contrast the perspectives of the texts

Tags
184778, 1

Learning Outcome
Students will compare and contrast the perspectives represented by the texts.Measurement: Take-home essay exams on assigned reading. Regular in-class conversation focused on student-submitted questions about the assigned reading.

Title
3. Expound an issue that runs across the texts

Tags
184790, 2

Learning Outcome
Students will identify and expound on a self-selected issue that runs across the texts, and thus illustrate the multi-perspectival view.Measurement: Author a comparative essay in multiple drafts with peer- and instructor-review. In-class presentation summarizing the essay’s argument.

PSYCH 575 - Cognitive and Affective Processes

Course Information

Teaching Area (new)
PSYCH

Course Number
575

Teaching Area
PSYCH

Course Title
Cognitive and Affective Processes

Course Description
Theory and research in perception, attention, language, problem solving, and other thinking processes.

Department
Psychology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 370 - Sensation and Perception
  AND PSYCH 375 - Cognition

Other Prerequisites
or equivalents; or instructor's consent.

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
Knowledge of cognitive psychology

Tags
208405, 1

Learning Outcome
Students will be able to develop a broad knowledge of the principles and findings of cognitive psychology. Assessed by: Exams

Title
Knowledge of basic mental processes

Tags
208406, 2

Learning Outcome
Students will be able to know how basic mental processes are influenced by affect, individual differences, and psychological/neurological disorders. Assessed by: Exams

Title
Apply principles and findings

Tags
208407, 3

Learning Outcome
Students will be able to apply these principles and findings to situations that they will encounter in their daily lives and in their careers. Assessed by: Exams, In-class presentations

Title
Develop communication skills

Tags
208408, 4

Learning Outcome
Students will be able to further develop their communication skills. Assessed by: In-class presentations

PSYCH 578R - Seminar in Mathematical Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
578R

Teaching Area
PSYCH

Course Title
Seminar in Mathematical Psychology

Course Description
Variable topics concerning the application of mathematical and statistical methods to psychology, with emphasis on jointly publishing a methods paper.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 308 - Psychological Statistics

Other Prerequisites
or equivalent.

Learning Outcomes

Title
2. Computational ability in advanced quantitative methods

Tags
184869, 2

Learning Outcome
Students will be able to accurately perform the major calculations of the quantitative methods covered in the course.
Measurement: Computational exam questions.

Title
1. Conceptual basis and theory of the topic(s) in advanced quantitative methods

Tags
184870, 1

Learning Outcome
Students will be able to explain the rationale and the theoretical basis of the statistical/mathematical concepts, formulae, and notations.
Measurement: Essay exam questions

Title
3. Data analysis skills

Tags
185007, 3

Learning Outcome
Students will acquire skill in using statistical/mathematical analysis applications to analyze data sets.
Measurement: Test of computer analysis skill, using a collection of example data sets and a statistical analysis application.

PSYCH 583 - Health Psychology

Course Information

Teaching Area (new)
PSYCH

Course Number
583

Teaching Area
PSYCH

Course Title
Health Psychology

Course Description
In-depth examination of behavior from perspective of health and disease

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 381 - Behavioral Neurobiology
  AND PSYCH 382 - Stress Psychobiology

Other Prerequisites
or equivalents; or instructor's consent.

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Factors that influence health

Tags
184708, 0, 0

Learning Outcome

Students will be able to identify and describe the psychosocial and spiritual and/or religious factors that influence health.

Measurement: short essay/paper; exams, quizzes.

Title
2.Apply factors to specific health conditions

Tags
184742, 0, 1

Learning Outcome

Students will be able to critically analyze existing research to discern the relative impact of the psychosocial and spiritual/religious factors on a variety of chronic and acute health conditions.

Measurement: APA style paper or essay; class presentation.

Title
3. Interplay of psychosocial and behavioral components

Tags
184736, 0, 2

Learning Outcome

Students will demonstrate comprehension of psychosocial and behavioral factors by explaining the interplay between psychological, social, and behavioral elements in determining health outcomes.

Measurement: short paper or essay; class presentation.

Title
4. Psychosocial model personal assessment

Tags
214789, 0, 4

Learning Outcome

Students will be able to assess and demonstrate how their own health behavior contributes to their own health.

Measurement: short paper or essay; graded journal; exam

Title
5. Health behavior and the influence on health

Tags
214790, 0, 5

Learning Outcome

Students will be able to critically evaluate empirical evidence to ascertain how specific behaviors influence health and disease risk.

Measurement: term paper or essay; exam

Title
6. Access to and use of health care

Tags
214791, 0, 6

Learning Outcome

Students will be able to evaluate how access to, and use of medical treatments impacts health outcomes, including sociocultural factors which interact with access and treatment.

Measurement: short paper or essay; graded journal; exam

PSYCH 584 - Cognition, Affect, and Brain Function

Course Information

Teaching Area (new)
PSYCH

Course Number
584

Teaching Area
PSYCH

Course Title
Cognition, Affect, and Brain Function

Course Description
Basic principles of cognition and affect as they relate to normal brain function and following neural disease or injury.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PSYCH 381 - Behavioral Neurobiology

OR

Prerequisites

Complete ALL of the following Courses:

Other Prerequisites
or equivalent; or instructor's consent

Note
Contains content featured in the Graduate Record Examination (GRE).

Learning Outcomes

Title
1. Brain systems and cognitive/emotional functions

Tags
184752, 0

Learning Outcome
Students will extend their understanding of specific brain systems and the cognitive and emotional functions correlated with those systems.Measurement: Participation in class conversation about the required reading; in-class presentations on brain function or disorders; final examination.

Title
2. Approaches to the study of the brain, research methods

Tags
184942, 1

Learning Outcome
Students will compare and contrast scientific approaches to the study of brain, cognition, and emotion; and describe specific structural and functional research methods.
Measurement: Participation in class conversation about the required reading; in-class presentations and writing assignments.

Title
3. Brain injury and cognitive/emotional disorders

Tags
184943, 2

Learning Outcome
Students will describe how brain injury can produce cognitive or emotional disorders or both and how the study of brain injury illustrates issues in the evaluation of research findings.
Measurement: Author journal article critiques, final exam, and in-class presentations.

PSYCH 585 - Human Neuropsychology/ Biological Bases of Behavior

Course Information

Teaching Area (new)
PSYCH

Course Number
585

Teaching Area
PSYCH

Course Title
Human Neuropsychology/Biological Bases of Behavior

Course Description
Critical study of brain-behavior relationships.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 381 - Behavioral Neurobiology
  AND PSYCH 382 - Stress Psychobiology

Other Prerequisites
or equivalents; or instructor's consent.

Learning Outcomes

Title
3. Apply understanding to clinical human neuropsychology

Tags
184729, 2

Learning Outcome
Students will apply their understanding to clinical human neuropsychology.Measurement: Author a paper on a contemporary issue in human neuropsychology. The final exam will require analysis of specific human cases.

Title
1. Critical understanding of brain-behavior relationships

Tags
184739, 0

Learning Outcome
Students will extend their critical understanding of brain-behavior relationships.Measurement: A series of exams, including a final exam, on the assigned textbook reading. Participation in class conversation about the required reading.

Title
2. Integrate neuroanatomy with neurobiological functionality

Tags
184776, 1

Learning Outcome
Students will integrate neuroanatomy with neurobiological functionality.Measurement: A series of exams, including a final exam, on the assigned textbook reading. Participation in class conversation about the required reading.

PSYCH 586 - Hormones and Behavior

Course Information

Teaching Area (new)
PSYCH

Course Number
586

Teaching Area
PSYCH

Course Title
Hormones and Behavior

Course Description
Neural and endocrine mechanisms underlying behavior.

Department
Psychology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PSYCH 381 - Behavioral Neurobiology
  AND PSYCH 382 - Stress Psychobiology

Other Prerequisites
or equivalents; or instructor's consent

Learning Outcomes

Title
Being considered for expiration.

Tags
184845, 1

Learning Outcome
This course hasn't been taught recently. The department is in the process of evaluating whether to expire this course.

PWS 100 - Plants in the Environment

Course Information

Teaching Area (new)
PWS

Course Number
100

Teaching Area
PWS

Course Title
Plants in the Environment

Course Description
Introduction to principles of plant function and diversity.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
PWS 100 counts as a GE course.

Learning Outcomes

Title
Effective Communication

Tags
202849, 5

Learning Outcome
Improve verbal and written communication

Title
Plants in the Environment

Tags
202854, 3

Learning Outcome
Provide a conceptual framework of how plants influence the environment

Title
Plant Biology Fundamentals

Tags
202887, 1

Learning Outcome
Demonstrate a fundamental knowledge of basic principles and concepts of plant biology (i.e., structure, function, and diversity)

Title
Plant Appreciation

Tags
202897, 2

Learning Outcome
Cultivate an appreciation for the central importance of plants in the way our world and human society functions

Title
Environmental Problems

Tags
202948, 4

Learning Outcome
Practice using the scientific method to better understand plant-environment interactions

PWS 101 - Cultural History of Medicinal Plants

Course Information

Teaching Area (new)
PWS

Course Number
101

Teaching Area
PWS

Course Title
Cultural History of Medicinal Plants

Course Description
A global perspective of how medicinal plants have shaped cultural history and how they are used to treat illness and disease. Issues relating to conservation, natural history, biodiversity, and cultural diversity.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants.

Learning Outcomes

Title
Cultural Awareness

Tags
209443, 0, 3

Learning Outcome
Students will experience thoughtful reflection on the above, as demonstrated by the cultural reflection essays and the class project (paper and presentation).

Title
Cultural Awareness

Tags
209444, 0, 4

Learning Outcome
Students will develop greater empathy and charity, and will begin to gain a global perspective by learning to see themselves from another's point of view.

Title
Cultural History and Medicinal Plant Use

Tags
209445, 0, 5

Learning Outcome
Students will be able to explain and interpret a global history of how indigenous people can use plants to treat illnesses and disease.
Students will understand how the medicinal use of plants has helped shaped the history of cultures across the globe.
Students will be able to explain the difference between the Western philosophy of traditional medicine and local indigenous practices for treating illnesses and disease.
Students will be able to critically think about and analyze the differences and similarities of how cultures of the world treat illnesses and disease.
Students will be able to explain the limitations and myths associated with the herbal industry from an international perspective.
Students will be able to read and interpret peer reviewed literature on studies designed to show how human health has improved across the various cultures of the world by using herbal remedies.
Students will be able to explain why it is important to preserve and protect sensitive habitat such as the tropical rainforests, which contain a wealth of biological information related to future drugs as yet undiscovered.

Title
Cultural Awareness

Tags
202837, 0, 2

Learning Outcome
Students will acquire informed awareness of a global culture outside their own, with the interplay of cultures, languages, and/or nations at an international level.

PWS 103 - Residential Landscape Design

Course Information

Teaching Area (new)
PWS

Course Number
103

Teaching Area
PWS

Course Title
Residential Landscape Design

Course Description
Design and composition as applied to development of residential grounds.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Landscape Planning and Maintenance

Tags
202933, 2

Learning Outcome
Discuss issues and challenges dealing with landscape planning and maintenance.

Title
Nature

Tags
202972, 3

Learning Outcome
Enjoy nature more

Title
Professional Opportunities

Tags
203004, 4

Learning Outcome
Explain professional opportunities related to landscape design.

Title
Functional and Beautiful Landscapes

Tags
203015, 0

Learning Outcome
Design residential landscapes that are both funtional and beautiful

Title
Decision Making

Tags
203023, 1

Learning Outcome
Make better decisions when purchasing plants and landscape construction materials

PWS 105 - Landscape Design Graphics

Course Information

Teaching Area (new)
PWS

Course Number
105

Teaching Area
PWS

Course Title
Landscape Design Graphics

Course Description
Communication through descriptive drawing and professional plan graphics: plan views, elevation, color, and computer-aided design.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 103 - Residential Landscape Design

Learning Outcomes

Title
Drawing Style

Tags
202804, 1

Learning Outcome
Have a clear and developed drawing style

Title
Methods of Drawing

Tags
202836, 0

Learning Outcome
Feel comfortable and confident with the different methods of drawing as they relate to landscape design

Title
Communication

Tags
202900, 2

Learning Outcome
Be able to produce drawings using graphics that clearly communicate and portray the design intent.

Title
Quickness

Tags
202947, 3

Learning Outcome
Develop drawing techniques that allow for quick design and those that allow for more professional design.

PWS 110 - Sustainable Food Crop Systems

Course Information

Teaching Area (new)
PWS

Course Number
110

Teaching Area
PWS

Course Title
Sustainable Food Crop Systems

Course Description
An overview of the fundamentals of sustainable food crop systems, which will involve practical knowledge and assessment of small-scale food production, hydroponics, enhanced food security, and balanced land use.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

PWS 112 - Floral Design

Course Information

Teaching Area (new)
PWS

Course Number
112

Teaching Area
PWS

Course Title
Floral Design

Course Description
History and principles of floral design; identification, care, and handling of cut flowers; techniques of arranging flowers and other plant materials for home and professional use.

Department
Plant and Wildlife Sciences

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Fee
90

Note
NOTE: $90 class fee. NOTE: All sections meet together for lecture; labs are held separately. NOTE: Fulfills GE Arts requirement.

Learning Outcomes

Title
Principles

Tags
202969, 0

Learning Outcome
Students will take a pre- and post-test for foundational principles related to floral design and will show learning by an increase of at least double the average score.

Title
Design

Tags
202990, 1

Learning Outcome
Students will learn how to build various floral arrangements and will successfully complete one design per week.

PWS 115 - Introduction to the Wildlife and Wildlands Conservation Major

Course Information

Teaching Area (new)
PWS

Course Number
115

Teaching Area
PWS

Course Title
Introduction to the Wildlife and Wildlands Conservation Major

Course Description
Students will receive an overview of practices and practitioners of managing and conserving wildlife and wildlands. Program faculty will be introduced along with opportunities for student mentoring in their respective labs. Students will also receive individual counseling for coursework scheduling.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Career Opportunities and Development

Tags
202918, 1

Learning Outcome
Student will be able to make an informed decision on majoring in Wildlife and Wildlands Conservation based on career opportunities and course work required to qualify for career positions.

Title
Stewardship

Tags
202973, 1

Learning Outcome
Students will be able to articulate stewardship responsibilities of managers to represent multiple uses of resources by multiple users with divergent opinions and perspectives.

PWS 135 - Safety Certifications for Field Biologists

Course Information

Teaching Area (new)
PWS

Course Number
135

Teaching Area
PWS

Course Title
Safety Certifications for Field Biologists

Course Description
Certification modules promoting field safety to prepare students to be leaders in workplace safety. Specific trainings include first aid, CPR, hot and cold weather exposure, ATV and snowmobile operation, wild animal safety, and more.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 115 - Introduction to the Wildlife and Wildlands Conservation Major

PWS 150 - Environmental Biology

Course Information

Teaching Area (new)
PWS

Course Number
150

Teaching Area
PWS

Course Title
Environmental Biology

Course Description
Conservation and management of natural resources concurrent with increasing socioeconomic and human population demands; factors such as soil, water, and air pollution, resources management, bioremediation, nutrient cycles, and global climate changes

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills GE requirements. Check core.byu.edu.

Learning Outcomes

Title
Global Environmental Issues

Tags
203117, 2

Learning Outcome
Become fluent in the science of global environmental problems, movements, and solutions including biodiversity, ecosystem function, agriculture and food production, energy systems, water, urbanization, population dynamics, air quality, and climate.

Title
Scientific Principles and Methods

Tags
203118, 3

Learning Outcome
Apply the scientific method through simplified experiments with testable hypotheses. Learn to interpret experimental observations and data and how to communicate discoveries in written and verbal formats.

Title
The Environment and Culture

Tags
203119, 4

Learning Outcome
Discover how environmental quality and conservation is influenced by history, economy, and unique cultural perspectives.

Title
Environmental Stewardship

Tags
203003, 0, 5

Learning Outcome
Foster and promote environmental stewardship within your realm of influence and your community.

PWS 155 - Careers in Environmental Science

Course Information

Teaching Area (new)
PWS

Course Number
155

Teaching Area
PWS

Course Title
Careers in Environmental Science

Course Description
Career guidance and exposure to the multi-discipline fields of environmental science including resume building, internship placement, and professional networking.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

PWS 168 - Personal Genomics: Me and My Genes

Course Information

Teaching Area (new)
PWS

Course Number
168

Teaching Area
PWS

Course Title
Personal Genomics: Me and My Genes

Course Description
For non-majors who may have a particular interest in biological and genetic principles as they apply to making informed decisions about health, medical care, and genealogy.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Fundamental knowledge of genetics and genomics

Tags
203057, 1

Learning Outcome
Students can demonstrate foundational knowledge of genetics, and understanding of emerging concepts of personal genomics in medicine, health, and family history.

Title
Communication of genomic knowledge to peers in a group setting

Tags
203058, 2

Learning Outcome
Students can communicate effectively with classmates through oral, visual, and digital media and present a topic on 'personal genomics' in the news as part of a group.

Title
Social impacts of emerging genomics technologies

Tags
203059, 3

Learning Outcome
Students can analyze and evaluate global and local ethical issues in personal genomics, and how these issues impact individuals, families, and society.

Title
Genomics technologies and personal spirituality

Tags
203060, 4

Learning Outcome
Students can relate personal genomics concepts with teachings of the Restored Gospel, including discussions on evolution, Lamanite ancestry, and use of genomic data in family history.

Title
Analytical thought and problem solving

Tags
203061, 5

Learning Outcome
Students can apply sound thinking in applying personal genomics information to real-life situations.

PWS 180 - Climate Change: Science and Solutions

Course Information

Teaching Area (new)
PWS

Course Number
180

Teaching Area
PWS

Course Title
Climate Change: Science and Solutions

Course Description
Global climate change, including the scientific basis, cultural context, policy options, and spiritual implications.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

PWS 188 - Introduction to Genetics, Genomics, and Biotechnology

Course Information

Teaching Area (new)
PWS

Course Number
188

Teaching Area
PWS

Course Title
Introduction to Genetics, Genomics, and Biotechnology

Course Description
Orientation to the genetics and biotechnology major and introduction to the scientific field, including undergraduate mentored research, internships, extracurricular activities, professional careers, scientific literature, and applications of biotechnology in biomedicine, plant and animal improvement, and environmental remediation. Developing fluency in primary vocabulary of the discipline, familiarization with key technologies, writing reviews of primary literature and portfolio establishment, experiencing basic laboratory protocols.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
PDBio 120 or concurrent enrollment.

Learning Outcomes

Title
Fluency in genetics vocabulary.

Tags
202808, 4

Learning Outcome
Students can understand and discuss basic concepts underlying genetics, biotechnology, and genomics.

Title
Familiarization with key technologies.

Tags
202822, 0

Learning Outcome
Students can explain basic operations and applications of existing and emerging technologies for applied genomics.

Title
Literature and writing in the primary discipline.

Tags
202890, 3

Learning Outcome
Students can readily access primary literature in the discipline and draw upon these sources to compose appropriately formatted literature reviews.

Title
Orientation to experiential learning opportunities.

Tags
202911, 1

Learning Outcome
Students can identify and apply for undergraduate educational research opportunities (BYU mentored research and external internships).

Title
Career path orientation.

Tags
202949, 2

Learning Outcome
Students can describe a broad range of careers for geneticists and biotechnologists.

Title
Understand a complete BYU education

Learning Outcome
Students will consider their complete BYU education by making a 4-year plan with yearly goals that address each major Aim of a BYU Education

PWS 191 - Introduction to Plant and Landscape Systems

Course Information

Teaching Area (new)
PWS

Course Number
191

Teaching Area
PWS

Course Title
Introduction to Plant and Landscape Systems

Course Description
Introduction to careers in the plant and landscape systems industry. Overview of professional opportunities presented by faculty and industry professionals.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

PWS 198R - Plant and Landscape Systems Practicum

Course Information

Teaching Area (new)
PWS

Course Number
198R

Teaching Area
PWS

Course Title
Plant and Landscape Systems Practicum

Course Description
Multiple horticulture experiences through collaboration with BYU Grounds or other on-campus entities (e.g., Life Sciences Greenhouse, Life Sciences Interior Plants Program, Campus Floral, office of the campus landscape architect, office of the campus architect, and campus physical facilities)

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent; concurrent employment with BYU Grounds Department or other on-campus entities (e.g., Life Sciences Greenhouse, Life Sciences Interior Plants Program, Campus Floral, office of the campus landscape architect, office of the campus architect, and campus physical facilities).

PWS 199R - Academic Internship

Course Information

Teaching Area (new)
PWS

Course Number
199R

Teaching Area
PWS

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Consent of both department chair and internship coordinator.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Job Experience

Tags
202901, 0

Learning Outcome
Students will find an entry level internship position with a high quality company and receive above average ratings from the employer.

PWS 205 - Landscape Computer Applications

Course Information

Teaching Area (new)
PWS

Course Number
205

Teaching Area
PWS

Course Title
Landscape Computer Applications

Course Description
This introductory course focuses on becoming familiar and proficient with computer applications used for landscape design

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 103 - Residential Landscape Design

Learning Outcomes

Title
Computer Aided Drawing

Learning Outcome
Feel comfortable and confident with the different methods of computer-aided drawing as they relate to landscape design

Title
Computer Aided Design

Learning Outcome
Develop a clear and developed drawing style via computer-aided design programs.

Title
Communicate Design Intent

Learning Outcome
Be able to produce drawings using graphics that clearly communicate and portray the design intent.

Title
Professional Appearance

Learning Outcome
Develop digital drawing techniques that allow for quick design and maintain a professional appearance.

Title
Enhance Design Communication

Learning Outcome
Produce drawings that enhance design communication and the creative process.

PWS 211 - Hardscape Materials and Structures

Course Information

Teaching Area (new)
PWS

Course Number
211

Teaching Area
PWS

Course Title
Hardscape Materials and Structures

Course Description
Theory and mechanics of hardscape design and construction.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 103 - Residential Landscape Design

PWS 212 - Principles of Irrigation

Course Information

Teaching Area (new)
PWS

Course Number
212

Teaching Area
PWS

Course Title
Principles of Irrigation

Course Description
Working methods of the plant and landscape systems industry: irrigation, equipment, and materials.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
PWS 211 or concurrent enrollment.

PWS 213 - Interior Plants and Landscapes

Course Information

Teaching Area (new)
PWS

Course Number
213

Teaching Area
PWS

Course Title
Interior Plants and Landscapes

Course Description
Overview of proven health, environmental, psychological, and productivity benefits by the inclusion of plants in the indoors; learn how plants clean the indoor air; identify cultural, artistic, and enriching ways interior plants are used today as in the past; learn the scientific and common names and understand the care, maintenance, and use of the scientifically top-rated plants based on their ecological benefits; plan, install, and maintain attractive and functional interior landscapes.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Principles

Tags
202928, 0

Learning Outcome
Students will take a pre- and post-test for foundational principles related to this course and will show learning by an increase of at least double the average score.

Title
Application

Tags
203020, 1

Learning Outcome
Students will complete a class project that involves the use of foundation principles in this course and use this written project for their portfolio.

PWS 214 - Bidding and Estimating

Course Information

Teaching Area (new)
PWS

Course Number
214

Teaching Area
PWS

Course Title
Bidding and Estimating

Course Description
Competitive bidding strategies, quantity takeoffs, bid analyses for construction and maintenance in the plant and landscape systems industry.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 103 - Residential Landscape Design

Other Prerequisites
Math 110 or equivalent.

PWS 215 - Principles of Range Management

Course Information

Teaching Area (new)
PWS

Course Number
215

Teaching Area
PWS

Course Title
Principles of Range Management

Course Description
Overview of rangeland resources and management principles, including rangeland classification, multiple use management, natural resource policy, and grazing management.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research Reading and Writing

Tags
202828, 4

Learning Outcome
To improve reading and writing skills relating to scientific research

Title
Rangeland Physical Characteristics and Ecology

Tags
202908, 1

Learning Outcome
Describe rangeland physical characteristics, types, physiology, and ecology

Title
Rangelands Stewardship

Tags
202910, 1

Learning Outcome
To understand the principles of stewardship and how they apply to Rangelands

Title
Rangeland Management

Tags
202999, 2

Learning Outcome
To understand the importance of rangeland grazing, how it is managed, and nutrient needs of livestock and wildlife

Title
Multi-use Management

Tags
203034, 3

Learning Outcome
Describe multiple use management and its implications to wildlife and livestock

PWS 216 - Plant and Landscape Lighting

Course Information

Course Number
216

Teaching Area
PWS

Course Title
Plant and Landscape Lighting

Course Description
In this course, students will continually demonstrate gained knowledge of plant and landscape lighting systems. Students will learn the technical capabilities, design principles, and maintenance associated with landscape and horticultural lighting.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Apply basic knowledge

Learning Outcome
To apply basic knowledge of lighting design characteristics for public and private lighting projects

Title
Build lighting systems

Learning Outcome
To be able to implement (construct) certain elements of lighting construction

Title
Understand design and construction

Learning Outcome
To understand the basics of lighting design, construction, and troubleshooting

Title
Understand components

Learning Outcome
To have a foundational understanding of lighting components and how they work

Title
Prepare for professional application

Learning Outcome
To prepare students for NCLC lighting competition written and practical portions

PWS 220 - Trees

Course Information

Teaching Area (new)
PWS

Course Number
220

Teaching Area
PWS

Course Title
Trees

Course Description
Understand fundamental concepts dealing with the ecology, biology and care of trees, including how they affect the mental, emotional, and spiritual well-being of individuals.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- PWS 100 - Plants in the Environment

Recommended
PWS 282

Learning Outcomes

Title
Biology, ecology, and culture of trees

Tags
208259, 0, 1, 2019-03-12 16:50:28

Learning Outcome
Students will be able to understand fundamental concepts dealing with the ecology, biology, and culture of trees

Title
Increased appreciation of trees and their value to nature and society

Tags
208260, 0, 2, 2019-03-12 16:50:28

Learning Outcome
Students will be able to become more deeply interested in trees and the value they provide to nature and society

Title
Communication and quantitative skills related to subject matter

Tags
208261, 0, 3, 2019-03-12 16:50:28

Learning Outcome
Students will be able to improve in their communication and quantitative skills related to the subject matter

Title
Awareness of landscapes as semi-managed ecosystems

Tags
208262, 0, 4, 2019-03-12 16:50:28

Learning Outcome
Students will be able to increase their awareness of landscapes as semi-managed ecosystems in which tree-care specialists play a vital role

Title
Career options in tree care

Tags
208263, 0, 5, 2019-03-12 16:50:28

Learning Outcome
Students will be able to gain exposure to career options in tree care and with the basic features of a tree-care business

Title
Pruning skills

Tags
208264, 0, 6, 2019-03-12 16:50:28

Learning Outcome
Students will be able to develop competence in pruning techniques

Title
Tree-planting skills

Tags
208265, 0, 7, 2019-03-12 16:50:28

Learning Outcome
Students will be able to learn how to properly plant trees

Title
Spiritual appreciation of trees as creations of God

Tags
208266, 0, 8, 2019-03-12 16:50:28

Learning Outcome
Students will be able to develop a spiritual appreciation of trees as creations of God and the role they have played in the lives of believers in the primitive and restored Church

PWS 225 - Principles of Wildlife and Fisheries Management

Course Information

Teaching Area (new)
PWS

Course Number
225

Teaching Area
PWS

Course Title
Principles of Wildlife and Fisheries Management

Course Description
Basic principles of fish and wildlife management, their habitats, and their human users. Ecological concepts, population dynamics, nutrition, behavior, population assessment, management strategies, habitat sampling and management.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PWS 115

Learning Outcomes

Title
Analytical Thinking

Tags
202875, 3

Learning Outcome
Learning Outcome #4: Demonstrate the ability to apply the scientific method and analytical thinking to ecological and management issues.In this course students will be rigorously taught the scientific method and given opportunities to demonstrate the understanding through fish and wildlife management problem solving. They will have writing assignments that provide opportunities for the synthesis and expression of the depth of their understanding. The term paper required in this course may be used for one of the “three written papers relating to stewardship ethics and management situations” that will be placed in the student’s portfolio required for graduation with a Wildlife and Wildlands Conservation BS degree.

Title
Wildlife Identification and Function

Tags
202940, 1

Learning Outcome
Learning Outcome #2: Identify wildland plants, soils, and wildlife species and understand how they function in the environment.This course introduces students to a number of wildlife and fish species, and basic ecological concepts as they relate to wildlife and fisheries. Students will understand the ecological roles, habitat needs, and interactions of fish and wildlife at various levels in an ecosystem

Title
Stewardship and Professional Development

Tags
202953, 0

Learning Outcome
Learning Outcome #1: Identify and articulate stewardship for the creation as a basis for professional judgment.This course not only provides an understanding of tools used by wildlife and fisheries managers to restore, revive, and maintain wildlife and fish populations, but also discusses our stewardship roles and responsibilities for those aspects of the creation.

Title
Ecological Processes

Tags
202971, 2

Learning Outcome
Learning Outcome #3: Apply an understanding of ecological processes to wildlife management.This course includes an extensive overview of basic ecological processes and how to use them for fish and wildlife management.

PWS 250 - Field Ecology

Course Information

Teaching Area (new)
PWS

Course Number
250

Teaching Area
PWS

Course Title
Field Ecology

Course Description
Field techniques and analyses in international environments—investigating methods for sampling soils, water, and biota; designing field sampling efforts and experiments; collecting data from field manipulations for environmental impact assessment and monitoring; conducting statistical analyses to interpret data at multiple spatial and temporal scales; and linking ecological theory, application, and environmental stewardship and sustainability in a national and international context.

Department
Plant and Wildlife Sciences

When Taught
Spring and Summer Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Note
The course will primarily be offered during international study abroad programs hosted by PWS.

PWS 270 - Animal Husbandry

Course Information

Teaching Area (new)
PWS

Course Number
270

Teaching Area
PWS

Course Title
Animal Husbandry

Course Description
Introduction to animal husbandry and management techniques for domestic and wild animals.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Livestock Husbandry and Management

Tags
203001, 1

Learning Outcome
Integrate livestock husbandry and management practices with wildlife management.

Title
Daily Care and Management

Tags
203014, 1

Learning Outcome
Learn important aspects of livestock stewardship through daily care and management.

Title
Livestock Production and Ecological Impact

Tags
203033, 2

Learning Outcome
Understand how livestock production can and will impact wildlife ecology.

PWS 272 - Coding for Genetic Analysis

Course Information

Course Number
272

Teaching Area
PWS

Course Title
Coding for Genetic Analysis

Course Description
Practical training in computational analysis of moderately-sized molecular biology datasets. Introduction to coding and graphics analysis in R and shell.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ALL of the following Courses:
- MMBIO 240 - Molecular Biology

Learning Outcomes

Title
Biotechnology Skills and Practices

Tags
214345, 0, 1, 2023-08-29 12:05:38

Learning Outcome
Students' ability to analyze genetics and molecular biology datasets will be assessed in the R and Bash languages

Title
Biotechnology Skills and Practices

Tags
214346, 0, 2, 2023-08-29 12:05:40

Learning Outcome
Students will demonstrate proficiency in basic coding to manipulate and graphically present molecular biology datasets.

Title
Quantitative Reasoning and Analysis

Tags
214347, 0, 3, 2023-08-29 12:05:42

Learning Outcome
Students will interpret the meaning of datasets generated using the methods above.

Title
Literature Summation and Discussion

Tags
214348, 0, 4, 2023-08-29 12:05:44

Learning Outcome
Students will organize their code and present results with clear accompanying text.

Title
Ministering like Jesus Christ

Tags
214349, 0, 5, 2023-08-29 12:05:46

Learning Outcome
Students will watch out for and serve each other by completing paired programming assignments that receive a course-wide score based on course-wide participation

PWS 274 - Applied Biostatistics

Course Information

Course Number
274

Teaching Area
PWS

Course Title
Applied Biostatistics

Course Description
Application-first statistics for biologists taught in the R environment.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Completion Requirement

Complete ANY of the following Courses:

- BIO 130 - Biology
  OR CELL 120 - Science of Biology
  OR MMBIO 121 - General Biology: Health and Disease

Recommended
Basic understanding of R is encouraged but not required

Learning Outcomes

Title
Perform appropriate statistical tests

Tags
214363, 0, 1, 2023-08-29 12:08:32

Learning Outcome
Students will be able to distinguish different data types (continuous, discrete, categorical, etc.).

Title
Perform appropriate statistical tests

Tags
214364, 0, 2, 2023-08-29 12:08:34

Learning Outcome
For a given dataset, students will be able to assign a correct distribution and apply an appropriate statistical test to it in the R environment.

Title
Interpret results of statistical tests

Tags
214365, 0, 3, 2023-08-29 12:08:35

Learning Outcome
Students will be able to interpret the results of the statistical tests they perform, and evaluate experimental designs and statistical tests reported in the literature.

Title
Understand a statistical context for biological data

Tags
214366, 0, 4, 2023-08-29 12:08:37

Learning Outcome
Students will also be able to analyze the strengths and weaknesses of various experimental design choices.

Title
Solve real-life problems in biology

Tags
214367, 0, 5, 2023-08-29 12:08:38

Learning Outcome
Students will prepare for the future by using statistics to explain and analyze real-world biology problems and interpret solutions.

Title
Build character

Tags
214368, 0, 6, 2023-08-29 12:08:39

Learning Outcome
Students will understand field-specific expectations for ethical conduct in presenting and analyzing data, and consider these in the context of the gospel of Jesus Christ

PWS 275 - Genetics and Reproduction.

Course Information

Teaching Area (new)
PWS

Course Number
275

Teaching Area
PWS

Course Title
Genetics and Reproduction.

Course Description
Principles of inheritance.

Department
Plant and Wildlife Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Any general biology course

Learning Outcomes

Title
Genetics and Natural Resource Management

Tags
202833, 1

Learning Outcome
Provide a foundation in the basic and applied principles of genetics for natural resource management andconservation.

Title
Stewardship and Professional Judgement

Tags
202843, 0

Learning Outcome
Identify and articulate principles of stewardship as a basis for professional judgment.

Title
Genetics and Population Management

Tags
202926, 0

Learning Outcome
Apply knowledge of genetics to conservation and management of natural populations.

PWS 282 - Soil Science

Course Information

Teaching Area (new)
PWS

Course Number
282

Teaching Area
PWS

Course Title
Soil Science

Course Description
Physical, chemical and microbiological properties of soils that affect plant growth in natural, agricultural, and urban environments.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 283 or concurrent enrollment.

Learning Outcomes

Title
Soil Resource Management

Tags
202941, 2

Learning Outcome
Create a conceptual framework to help manage soil resources (i.e., animal habitat, plant nutrient fertility, salinity, soil and water quality, and wind and water erosion) in agricultural, urban, and ecological settings

Title
Current and Historical Soil Issues

Tags
203022, 3

Learning Outcome
Understand the historical and current problems, and cultural concerns facing soils as a natural resource essential to human life

Title
Critical Thinking

Tags
203115, 1

Learning Outcome
Enhance critically thinking skills as they apply to soil resource management & conservation

Title
Soil Chemistry, Physics, and Nutrition

Tags
203116, 1

Learning Outcome
Demonstrate a fundamental knowledge of soil chemistry, genesis, microbiology, physics, taxonomy, and nutrient and water relations

PWS 283 - Soil Science Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
283

Teaching Area
PWS

Course Title
Soil Science Laboratory

Course Description
Laboratory and field techniques in determining soil physical, chemical, and biological properties.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
PWS 282 or concurrent enrollment.

Learning Outcomes

Title
Soil Assessment

Tags
202906, 1

Learning Outcome
Understand basic soil assessments related to soil chemistry, physics, biology, and nutrient fertility

Title
Soil Analysis, Classification, and Content

Tags
202984, 2

Learning Outcome
Conduct basic soil methods in nutrient analysis; textural classification; and organic matter, cation exchange capacity, acidity, and alkalinity content

Title
Laboratory Techniques

Tags
203002, 1

Learning Outcome
Apply laboratory techniques to determine problems associated with soil resource conservation and management

PWS 288 - Molecular Genetics Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
288

Teaching Area
PWS

Course Title
Molecular Genetics Laboratory

Course Description
Mentored, systematic instruction in basic biotechnology techniques and their application in addressing molecular genetic research questions.

Department
Plant and Wildlife Sciences

When Taught
Fall Even Years, Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CELL 120 - Science of Biology
  AND CHEM 106 - General College Chemistry 2
  AND MMBIO 240 - Molecular Biology

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 106 - General College Chemistry 2
  AND MMBIO 121 - General Biology: Health and Disease
  AND MMBIO 240 - Molecular Biology

Learning Outcomes

Title
Chemical Reagents

Tags
202896, 2

Learning Outcome
Students can explain purposes of methods and chemical reagents for DNA isolation, amplification, cloning, sequencing, etc.

Title
Laboratory Protocols

Tags
202983, 1

Learning Outcome
Students can perform fundamental laboratory protocols in applied molecular biology

Title
Laboratory Work

Tags
203008, 3

Learning Outcome
Students can accurately document their laboratory work in a written journal (lab notebook)

Title
Key Machinery

Tags
203027, 1

Learning Outcome
Students can demonstrate the roles and basic functions of key machinery used in genomic research

Title
Leading to lifelong learning and service

Learning Outcome
Students will demonstrate expertise in applying modern approaches and technologies to address future genetic issues that affect our lives and health

PWS 292R - Introduction to Mentored Learning Experience

Course Information

Teaching Area (new)
PWS

Course Number
292R

Teaching Area
PWS

Course Title
Introduction to Mentored Learning Experience

Course Description
Introduction to mentored learning for undergraduates in the fields of environmental sciences; genetics, genomics, and biotechnology; landscape management; wildlife and wildlands conservation.

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
1

Lecture Hours

Fixed:
0

PWS 301 - Plant Propagation

Course Information

Teaching Area (new)
PWS

Course Number
301

Teaching Area
PWS

Course Title
Plant Propagation

Course Description
Scientific principles of plant propagation by seeds, cuttings, budding and grafting, and tissue culture.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
PWS 100 or equivalent

Learning Outcomes

Title
Principles

Tags
202907, 0

Learning Outcome
Students will take a pre- and post-test for foundational principles related to this course and will show learning by an increase of at least double the average score.

Title
Application

Tags
202931, 1

Learning Outcome
Students will complete a class project that involves the use of foundation principles in this course and use this written project for their portfolio.

PWS 303 - Soil Conservation and Management

Course Information

Teaching Area (new)
PWS

Course Number
303

Teaching Area
PWS

Course Title
Soil Conservation and Management

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 100 or equivalent; PWS 282, Chem 105 (or 101), Math 110 or equivalent

Recommended
Geol 111

PWS 303 - Soils Conservation and Resources

Course Information

Teaching Area (new)
PWS

Course Number
303

Teaching Area
PWS

Course Title
Soils Conservation and Resources

Course Description
Taxonomy of world soils; conservation and management of agricultural, wildland, wetland, and urban soils.

Department
Plant and Wildlife Sciences

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND PWS 282 - Soil Science

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 101 - Introductory General Chemistry
  AND PWS 282 - Soil Science

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND PWS 282 - Soil Science

OR

Prerequisites

Complete ALL of the following Courses:
- CHEM 101 - Introductory General Chemistry
  AND PWS 282 - Soil Science

Other Prerequisites
PWS 100 or equivalent; Math 110 or equivalent

Recommended
Geol 111

Learning Outcomes

Title
Soil Physical Properties

Tags
202821, 0

Learning Outcome
Understand soil physics, chemistry, taxonomy, and water movement to maintain natural resources.

Title
Soil Taxonomy and Classification

Tags
202945, 2

Learning Outcome
Understand the history, development, and terminology associated with USDA Soil Taxonomy and be familiar with other soil taxonomic systems. Recognize soil orders and suborders from the physical and chemical characteristics of the soil

Title
Conservation

Tags
203010, 1

Learning Outcome
Apply soil conservation practices and principles to regions sensitive to soil degradation.

PWS 305 - Watershed Ecology

Course Information

Teaching Area (new)
PWS

Course Number
305

Teaching Area
PWS

Course Title
Watershed Ecology

Course Description
Applications in catchment hydrology and ecosystem ecology to quantify energy and nutrient flow through watersheds. An overview of major biogeochemical cycles. Identification and description of interactions between human society and health of soil, surface water, and groundwater.\n

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 282 - Soil Science

Recommended
PWS 100 or equivalent; Math 110 or equivalent, Chem 101, 105, or equivalent.

Learning Outcomes

Title
Critical Thinking Skills

Tags
202823, 2

Learning Outcome
Enhance critically thinking skills as it relates to issues in water quality management and resource conservation

Title
Mathematical and Statistical Skills

Tags
202834, 3

Learning Outcome
Improve mathematical and statistical skills related to nutrient, salinity, sodicity, and toxicity evaluation and management

Title
Soil and Water

Tags
202869, 1

Learning Outcome
Evaluate case studies in current topics soil and water quality

Title
Soil-Water-Atmosphere Interactions

Tags
202956, 1

Learning Outcome
Demonstrate a fundamental knowledge in water quality and water resource conservation as influenced by soil-water-atmosphere interactions

PWS 306 - Watershed Ecology Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
306

Teaching Area
PWS

Course Title
Watershed Ecology Laboratory

Course Description
Learning and applying principles of watershed ecology to address real-world questions and environmental problems.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Other Prerequisites
Concurrent enrollment in PWS 305.

Learning Outcomes

Title
Investigative Techniques

Tags
202819, 1

Learning Outcome
Gain a fundamental understanding of the investigative techniques necessary to solve problems associated with water and soil resources and management

Title
Statistical Skills

Tags
202964, 2

Learning Outcome
Improve mathematical and statistical skills related to nutrient, salinity, sodicity, and toxicity evaluation and management

Title
Diagnostic Steps

Tags
202998, 1

Learning Outcome
Understand the basic diagnostic steps to test water and soil quality

PWS 315 - Conflict Resolution Management

Course Information

Teaching Area (new)
PWS

Course Number
315

Teaching Area
PWS

Course Title
Conflict Resolution Management

Course Description
Modern techniques associated with resolution of conflicts surrounding natural resources.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Diverse User Groups

Tags
203037, 1

Learning Outcome
Students will be able to recognize that natural resources management requires a balanced review of perspectives of various user and interest groups.

Title
Conflict Resolution

Tags
203038, 2

Learning Outcome
Students will be able to productively engage the conflict resolution process as it relates to natural resource management.

Title
Deepen understanding of conflict resolution methods

Tags
203050, 3

Learning Outcome
Students will become aware of diverse strategies to be employed in resolving conflcts.

PWS 316 - Advanced Scientific Writing for Genetics Majors

Course Information

Teaching Area (new)
PWS

Course Number
316

Teaching Area
PWS

Course Title
Advanced Scientific Writing for Genetics Majors

Course Description
Course for the genetics and biotechnology major that focuses on field-specific scientific communication including reading, writing, and presenting.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- CELL 360 - Cell Biology
  AND PWS 340 - Genetics

Learning Outcomes

Title
Experimental Approaches

Tags
214350, 0, 1, 2023-08-29 12:06:13

Learning Outcome
Students can describe a variety of techniques and experimental approaches used by biotechnologists to improve plants, animals, microbes and human health.

Title
Oral Presentation

Tags
214351, 0, 2, 2023-08-29 12:06:15

Learning Outcome
Students can deliver an oral presentation to communicate scientific ideas and experimental approaches to an audience of their peers.

Title
Written Communication

Tags
214352, 0, 3, 2023-08-29 12:06:17

Learning Outcome
Students can produce a written review synthesizing scientific findings related to recent biotechnological advances.

Title
Written Communication

Tags
214353, 0, 4, 2023-08-29 12:06:18

Learning Outcome
Students can write a proposal to secure funding for experimental research related to a specific biological question.

Title
Written Communication

Tags
214354, 0, 5, 2023-08-29 12:06:19

Learning Outcome
Students can write an article for a nonscientific audience to communicate scientific ideas and research results.

Title
Spiritually Strengthening

Learning Outcome
Students can recognize the incomplete and self-correcting nature of science and both recognize and respect how religious faith complements science in helping us understand, and live by, eternal moral laws governing right and wrong.

PWS 319 - Grasses in Urban and Natural Environments

Course Information

Teaching Area (new)
PWS

Course Number
319

Teaching Area
PWS

Course Title
Grasses in Urban and Natural Environments

Course Description
Design, installation, and management of agricultural and urban grass systems. Physiological and soil interaction principles of grass management.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Gain Appreciation for Importance of Turfgrass

Tags
202782, 1

Learning Outcome
Students will be given a pre- and post-class attitude survey to access their understanding and appreciation of the importance of turfgrass in terms of aesthetics, environmental quality, and athlete/child safety with a goal of the score doubling (on average) at the end of semester.

Title
Identify Career Possibilities in Turfgrass Science

Tags
202797, 2

Learning Outcome
Students will conduct a research project to the point of having a written manuscript that is in draft form in order to show them the possibility of doing a graduate program. Also, students will write a short paper on how turfgrass science is important in their anticipated field of choice.

Title
Pass Turfgrass Certification Exam

Tags
202965, 0

Learning Outcome
Students will become compentant enough to pass a mock up of the Turfgrass Certification exam patterned after the industry standard.

PWS 320 - Sustainable Plant Systems

Course Information

Teaching Area (new)
PWS

Course Number
320

Teaching Area
PWS

Course Title
Sustainable Plant Systems

Course Description
In this course, students will gain knowledge of global food systems, field agriculture and controlled environment horticulture. Instruction will be given on developing solutions for and becoming proficient in improving domestic and global food security.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- PWS 100 - Plants in the Environment

OR

Prerequisites

Complete ALL of the following Courses:

- PWS 110 - Sustainable Food Crop Systems

PWS 324 - Wildlife Law Enforcement

Course Information

Teaching Area (new)
PWS

Course Number
324

Teaching Area
PWS

Course Title
Wildlife Law Enforcement

Course Description
Current and historical principles of federal and state wildlife law enforcement, case development, evidence, evaluation, human rights, and testimony.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Bio 100 or equivalent.

Learning Outcomes

Title
Familiarity with wildlife laws

Tags
202778, 2

Learning Outcome
Become familiar with significant wildlife laws

Title
Interact with professionals

Tags
202863, 1

Learning Outcome
Interact with professionals in the field

Title
Exposure to process and methods of law enforcement

Tags
202935, 0

Learning Outcome
Gain exposure to the methods and process of wildlife law enforcement

Title
Impacts of approach in human interactions

Learning Outcome
Link common courtesy and Christlike behaviors to successful interactions in law enforcement.

PWS 325 - Fisheries and Wetlands Management

Course Information

Teaching Area (new)
PWS

Course Number
325

Teaching Area
PWS

Course Title
Fisheries and Wetlands Management

Course Description
Principles of fisheries and wetlands mangement, emphasizing managing fish populations and their diverse micro- and macro-habitats within the context of community and ecosystem dynamics. Case studies and models used to evaluate growth, recruitments, and mortality in age-structured populations in relationship to the dynamics of watershed and wetland landscapes.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
PWS 225 or equivalent

Learning Outcomes

Title
Fishery and Wetlands Ecology

Tags
202903, 1

Learning Outcome
Understand ecological aspects of fisheries and wetland systems.

Title
Concept Integration

Tags
202921, 2

Learning Outcome
Integrate concepts taught in class to other ecological systems.

Title
Fishery and Wetlands Management

Tags
202962, 1

Learning Outcome
Learn important aspects of fisheries and wetland management.

PWS 330 - Rangeland, Woodland and Forest Plant Identification and Ecology

Course Information

Teaching Area (new)
PWS

Course Number
330

Teaching Area
PWS

Course Title
Rangeland, Woodland and Forest Plant Identification and Ecology

Course Description
Identification characteristics, phenology, distribution, site adaptation, forage value, and response to management of significant rangeland, woodland and forest plants. (Lab is required)

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
North American Range Plant Identification

Tags
203005, 0, 1

Learning Outcome
Students will be able to sight identify approximately 240 common rangeland, woodland, and forest plants of North America by their scientific name using distinguishing characteristics both in the field and with collected specimens.

Title
Grass Identification

Tags
203011, 0, 1

Learning Outcome
Students will demonstrate knowledge of major grass tribes and several families of flower plants, particular to those found in the Intermountain West.

Title
Mastery of Morphology and Terminology

Tags
202891, 0, 2

Learning Outcome
Students will demonstrate a mastery of plant morphology and associated technical terminology.

Title
Dichotomous Key

Tags
211322, 0, 3

Learning Outcome
Students will apply the terminology, tools, and techniques for identifying plants using dichotomous keys for native and introduced plants.

Title
Specimen Collection and Preparation

Tags
211323, 0, 4

Learning Outcome
Students will collect and prepare plant specimens with the necessary herbarium label information.

Title
Ecological Context

Tags
211324, 0, 5

Learning Outcome
Students will be able to discuss the context in which a plant is found and the opportunities and challenges of important rangeland plants related to wildland management.

PWS 331 - Science of Plant Pest Control.

Course Information

Teaching Area (new)
PWS

Course Number
331

Teaching Area
PWS

Course Title
Science of Plant Pest Control.

Course Description
Management of plant health problems, namely weed, insect, and disease, through integrated pest management and proper pesticide management and safety.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Communication

Tags
202783, 5

Learning Outcome
Improve communication and interpersonal skills.

Title
Plant Pest Control

Tags
202801, 1

Learning Outcome
Identify various plant pest control measures.

Title
Critical Thinking

Tags
202978, 0

Learning Outcome
Enhance critical thinking skills.

Title
Pest Management

Tags
202988, 0

Learning Outcome
Develop a framework for decision-making and implementation in applied pest management and ecology.

Title
Pest Management

Tags
202989, 0

Learning Outcome
Recommend control options for plant pest management.

Title
Pesticides

Tags
203017, 0

Learning Outcome
Safely and accurately apply plant pesticides in urban and agricultural environments.

PWS 335 - Comparative Animal Nutrition

Course Information

Teaching Area (new)
PWS

Course Number
335

Teaching Area
PWS

Course Title
Comparative Animal Nutrition

Course Description
Comparative digestion, absorption, and utilization of nutrients and nutritional applications of domestic, pet, and wildlife species.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Cellular metabolism

Tags
202803, 2

Learning Outcome
Apply the roles of nutrients in cellular metabolism.

Title
Nutrient deficiencies and function

Tags
202813, 3

Learning Outcome
Explain how nutrient deficiencies affect body function and performance.

Title
Nutrient requirements

Tags
202853, 1

Learning Outcome
Demonstrate an understanding how changes in digestive systems affect both nutrient requirements and affect feeding types and systems.

Title
Digestive systems in animals

Tags
202944, 0

Learning Outcome
Demonstrate an understanding of the diverse digestive systems in the animal kingdom.

Title
Feed formulation

Tags
203024, 4

Learning Outcome
Demonstrate knowledge of animal feed formulation.

PWS 340 - Genetics

Course Information

Teaching Area (new)
PWS

Course Number
340

Teaching Area
PWS

Course Title
Genetics

Course Description
Genetic mechanisms, their fundamental nature, interactions, and applications to human affairs. Genetics in quantitative terms. Extensive practice in problem solving.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 381 - Fundamentals of Biochemistry

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 481 - Biochemistry.

Learning Outcomes

Title
Linkage Maps

Tags
202795, 6

Learning Outcome
Students can construct two- and three-point linkage maps.

Title
Gene Annotation

Tags
202805, 3

Learning Outcome
Students can display fluency in interpreting gene annotation and nomenclature in GenBank records.

Title
Data Set Analysis

Tags
202815, 5

Learning Outcome
Students can demonstrate ability to analyze and apply Chi-square goodness-of-fit tests to complex genetic data sets involving segregation and Hardy-Weinberg equilibrium models.

Title
Inheritance Patterns

Tags
202826, 1

Learning Outcome
Students can identify differences between extranuclear, autosomal and sex-linked inheritance patterns.

Title
Evolutionary Phylogenies

Tags
202986, 2

Learning Outcome
Students can use genetic data (DNA or amino acid sequence) to reconstruct basic evolutionary phylogenies.

Title
Variance Components

Tags
203028, 4

Learning Outcome
Students can dissect quantitative traits into environmental and genetic variance components.

Title
Mutant

Learning Outcome
Students can understand the causes of mutations, differentiate among mutation types (e.g., transitions and transversions), calculate mutation rates, and examine- from a gospel perspective-how the Atonement of Jesus Christ corrects the effects of imperfection

PWS 344 - Natural History of Wildlife

Course Information

Teaching Area (new)
PWS

Course Number
344

Teaching Area
PWS

Course Title
Natural History of Wildlife

Course Description
Wildlife species and their habitats, including ecology, life histories, adaptations, behavior, genetics and population viability variables, and the ethics of global stewardship. Field trips required.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PWS 225 or equivalent

Learning Outcomes

Title
Natural History Fundementals

Tags
202792, 2

Learning Outcome
Be able to define “natural history” and be able to describe basic concepts and principles that comprise the natural history of an organism

Title
Ecology Problem Solving

Tags
202802, 1

Learning Outcome
In this course, students will be rigorously taught the scientific method and given opportunities to demonstrate the understanding through wildlife ecology problem solving. They will have writing assignments that provide opportunities for the synthesis and expression of the depth of their understanding.

Title
Wildlife and Fisheries

Tags
202868, 1

Learning Outcome
This course introduces students to a number of wildlife and fish species, and basic ecological concepts as they relate to wildlife and fisheries. Students will understand the biology, ecological roles, habitat needs, ecological adaptations, and interactions of fish and wildlife at various levels in an ecosystem.

Title
Critical Reading and Thinking

Tags
202884, 4

Learning Outcome
Develop critical reading and thinking skills

Title
Effective Communication

Tags
202914, 5

Learning Outcome
Improve oral and written communication skills

Title
Lifestyle Diversity in Vertebrates

Tags
202992, 3

Learning Outcome
Gain an appreciation for the diversity of lifestyles among vertebrates

PWS 350 - Rangeland and Widlife Ecology

Course Information

Teaching Area (new)
PWS

Course Number
350

Teaching Area
PWS

Course Title
Rangeland and Widlife Ecology

Course Description
Distribution and abundance of organisms and their interactions with the physical and biotic components of the earth emphasizing wildlife
and rangeland ecosystems.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 150 or Bio 100 or Bio 130 or PDBio 120.

Learning Outcomes

Title
Ecology and Interdisciplinary Connectivity

Tags
202800, 4

Learning Outcome
discuss the connectivity and relevance of ecology to other fields of study.

Title
Ecology and Biodiversity

Tags
202856, 1

Learning Outcome
Discuss the fundamental ecological principles and the multiple dimensions of biodiversity.

Title
Ecology and Human Well-Being

Tags
202889, 5

Learning Outcome
Explain the importance of ecology to issues regarding human well-being.

Title
Global and Geologic Processes

Tags
202892, 3

Learning Outcome
Discuss how global and geologic processes affect life on earth.

Title
Soil, Water, and Air Ecology

Tags
202994, 2

Learning Outcome
Discuss elements of ecology relating to soil, water, and air conservation.

PWS 355 - Rangeland, Woodland and Forest Vegetation Measurements and Analysis

Course Information

Teaching Area (new)
PWS

Course Number
355

Teaching Area
PWS

Course Title
Rangeland, Woodland and Forest Vegetation Measurements and Analysis

Course Description
Field methodologies and technologies for vegetation inventories and analysis (density, biomass, cover, frequency, utilization, etc.) in wildland settings. (Outdoor lab required)

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 330 - Rangeland, Woodland and Forest Plant Identification and Ecology

Learning Outcomes

Title
Lab Exercises and Write-ups

Tags
202816, 1

Learning Outcome
Students will be able to explain ecological processes that drive secondary succession in wildland ecosystems which in turn impact management decisions.

Title
Vegetation Data Collection Techniques

Tags
202977, 1

Learning Outcome
Students will be able to apply vegetation data collection techniques to quantify vegetation and make interpretations used in resource management decisions.

PWS 357 - Techniques for Wildlife Investigations and Management

Course Information

Teaching Area (new)
PWS

Course Number
357

Teaching Area
PWS

Course Title
Techniques for Wildlife Investigations and Management

Course Description
Investigatiion and management of fish and wildlife populations. Methods for population assessment, capture, handling, marking, radio-telemetry, behavioral studies, and human disturbance. Lab is required.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 330 - Rangeland, Woodland and Forest Plant Identification and Ecology

Recommended
PWS 350, 355

Learning Outcomes

Title
Wildlife Investigation and Management Methodologies

Tags
202946, 0, 1

Learning Outcome
1) Wildlife Investigation and Management Methodologies
Students will be able to perform rigorous literature reviews, to apply the scientific method for wildlife-related problem solving, to evaluate research and management data objectively, and to communicate results effectively.

2) Stewardship and Professional Judgement
Students will be able to identify and articulate principles of stewardship as a basis for professional judgment.

3) Plant and Wildlife Identification
Students will be able to identify wildland plants and wildlife species common to the Great Basin and describe how they function in the environment.

4) Wildlands Management
Students will be equipped to apply knowledge of ecology to wildlife and wildlands management.

5) Tools, Techniques, and Application
Students will be able to apply tools, techniques, analytical thought, and the scientific method to ecological and management issues.

PWS 365 - Biogeochemistry

Course Information

Teaching Area (new)
PWS

Course Number
365

Teaching Area
PWS

Course Title
Biogeochemistry

Course Description
We will explore the fundamental principles of biogeochemistry, focusing on cycles of carbon, nitrogen, phosphorus, and sulfur in aquatic, terrestrial, and atmospheric systems. Special attention will be given to the microbial-mediated transformations of nutrients, organic pollutants, and heavy metals, and the impact of human disturbances in natural and urbanizing soils and water.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 305 - Watershed Ecology

PWS 366 - Biogeochemistry Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
366

Teaching Area
PWS

Course Title
Biogeochemistry Laboratory

Course Description
Field, laboratory, and statistical techniques investigating the fundamental principles of biogeochemistry, focusing on cycles of carbon, nitrogen, phosphorus, and sulfur in aquatic, terrestrial, and atmospheric systems. Special attention will be given to the microbial-mediated transformations of nutrients, organic pollutants, and heavy metals, and the impact of human disturbances in natural and urbanizing soils and water.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- CHEM 101 - Introductory General Chemistry
  AND PWS 305 - Watershed Ecology

OR

Prerequisites

Complete ALL of the following Courses:

- CHEM 105 - General College Chemistry 1 with Lab (Integrated)
  AND PWS 305 - Watershed Ecology

PWS 368 - (PWS-Bio-MMBio) Genomics

Course Information

Teaching Area (new)
PWS

Course Number
368

Teaching Area
PWS

Course Title
(PWS-Bio-MMBio) Genomics

Course Description
Current analysis of genes and genomes; computational approaches for interpreting genomic data, including genome sequencing and annotation, gene expression and the transcriptome, functional genomics, metagenomics, and genetic variation and SNPs.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MMBIO 240 - Molecular Biology
  AND PWS 340 - Genetics

Learning Outcomes

Title
Genomic Experiments

Tags
214355, 0, 1, 2023-08-29 12:06:41

Learning Outcome
Students will complete a series of exercises with data representing genomic experiments (analysis and interpret).

Title
Identify genomic techniques

Tags
214356, 0, 2, 2023-08-29 12:06:43

Learning Outcome
Students will be able to identify the appropriate technique for a genetic analysis by understanding the following about various techniques: how they work, what they are used for, and what their respective advantages and disadvantages are

Title
Genome Sequences

Tags
214357, 0, 3, 2023-08-29 12:06:44

Learning Outcome
Students will describe how genomes are sequenced.

Title
Spiritually strengthening

Tags
214358, 0, 4, 2023-08-29 12:06:45

Learning Outcome
Students will be able to reconcile the genomic evidence in support of the theory of evolution with Church teachings that we are all created in the image of God and that Jesus Christ created the earth under the direction of God the Father.

Title
Genomic Features

Learning Outcome
Students will understand techniques and concepts to assess genomic features such as methylation, gene expression, etc.

Title
Evaluate emerging technologies

Learning Outcome
Students will be able to interpret, assess, and critically evaluate the quality and veracity of new results and techniques in genomics by learning and critically applying their understanding of the biological principles on which current techniques are based.

Title
Communicate effectively

Learning Outcome
Students will be able to communicate technical science to an expert or lay audience by understanding the concepts underlying genomics tools and summarizing these tools orally and in writing, in both technical and non-technical terms.

PWS 369 - Science of Plant Production

Course Information

Teaching Area (new)
PWS

Course Number
369

Teaching Area
PWS

Course Title
Science of Plant Production

Course Description
Scientific principles of crop production related to agronomic and horticultural plants, including relationship of management principles and physiological processes in plants.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
PWS 100, 282; or equivalents

Learning Outcomes

Title
Plant production fundamentals

Tags
203047, 1

Learning Outcome
Gain a deeper understanding of science of plant production.

Title
Application of plant production strategies

Tags
203051, 2

Learning Outcome
Students will improve their ability to tailor plant production strategies for specific environmental conditions.

PWS 375 - Policies and Laws of Aquatic Systems

Course Information

Teaching Area (new)
PWS

Course Number
375

Teaching Area
PWS

Course Title
Policies and Laws of Aquatic Systems

Course Description
This course provides students an appreciation of how state, federal, and international law relates to aquatic and terresrial systems and species, sometimes protecting them and sometimes harming them. Students will understand how the law addresses or fails to address major challenges facing these systems and species. It will also create a more nuanced understanding of some of the competing interests that also garner policy support.

The course will provide an introduction to water and land use law, federal lands law, Superfund, the Clean Water Act, the Endangered Species Act, the public trust doctrine, international water disputes and management, and the Coastal Zone Management Act. It also provides students with a more nuanced understanding of how the National Environmental Policy Act relates to this context.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Environmental Policy and Law Development

Learning Outcome
Demonstrate a fundamental understanding of the inception, current state, and future needs of the seminal environmental laws that govern the use and conservation of terrestrial and aquatic ecosystems. Demonstrate working knowledge of the National Environmental Policy Act, including the application of environmental impact assessment, evaluation of project alternatives, and the roles of agencies and environmental consultants.

Title
Policy Analysis Framework

Learning Outcome
Create your own conceptual framework for analyzing policy change in the United States and abroad, and understand the role of government, society, and economics in shaping this framework

Title
Institutional Policy Development

Learning Outcome
Understand the formal institutional setting in which policy is developed, the major participants involved, and the role of science in shaping policy

Title
Law and Environmental Interaction

Learning Outcome
Gain a basic understanding of how environmental laws (e.g., statutes, cases, and common laws) operate to regulate our interaction with the environment and one another

Title
Effective Writing

Learning Outcome
Write more effectively and concisely

PWS 380 - Advanced Landscape Design

Course Information

Teaching Area (new)
PWS

Course Number
380

Teaching Area
PWS

Course Title
Advanced Landscape Design

Course Description
Design and composition as applied to development of commercial and institutional property grounds

Department
Plant and Wildlife Sciences

When Taught
Fall Odd Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- BIO 235 - Field Botany
  AND PWS 103 - Residential Landscape Design
  AND PWS 105 - Landscape Design Graphics

Learning Outcomes

Title
Advanced Design

Tags
202784, 3

Learning Outcome
Students will be able to effectively and efficiently design a variety of commercial and institutional landscapes with taking into account a variety of contextual variables

Title
Plant Selection

Tags
202814, 4

Learning Outcome
Students will be able to select plants, appropriate for a given design, based on correct horticultural and ecological knowledge (plant justification)

Title
Landscape design evaluate

Tags
202954, 1

Learning Outcome
Students will be able to effectively evaluate their own work and work of others

Title
Portfolio development

Tags
203025, 0

Learning Outcome
Students will be able to prepare a professional-level landscape design portfolio

PWS 385 - Policies and Laws of Terrestrial Systems

Course Information

Teaching Area (new)
PWS

Course Number
385

Teaching Area
PWS

Course Title
Policies and Laws of Terrestrial Systems

Course Description
This course focuses on how the laws and the work of government agencies at the state and federal level affect terrestrial systems, sometimes protecting them and sometimes harming them. Students will understand how the law addresses or fails to address major challenges facing these systems and species. It will also create a more nuanced understanding of some of the competing interests that also garner policy support. The course will provide an introduction to land use law, federal lands law, Superfund, and the Endangered Species Act. It also provides students with a more nuanced understanding of how the National Environmental Policy Act relates to this context.

Department
Plant and Wildlife Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

PWS 390R - Soil and Plant Analysis

Course Information

Teaching Area (new)
PWS

Course Number
390R

Teaching Area
PWS

Course Title
Soil and Plant Analysis

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Specialized Instruction

Tags
203113, 1

Learning Outcome
Students will gain knowledge from specialized instruction in focused area

Foster activity in clubs related to majors in PWS department.

Learn principles of leadership in volunteer organizations.

PWS 390R - Special Topics in Plant and Wildlife Sciences

Course Information

Teaching Area (new)
PWS

Course Number
390R

Teaching Area
PWS

Course Title
Special Topics in Plant and Wildlife Sciences

Course Description
Current topics in plant and wildlife sciences.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Specialized instruction

Tags
203114, 0

Learning Outcome
Students will gain knowledge from specialized instruction in focused area
Foster activity in clubs related to majors in PWS department.
Learn principles of leadership in volunteer organizations.

PWS 399R - Research Internship

Course Information

Teaching Area (new)
PWS

Course Number
399R

Teaching Area
PWS

Course Title
Research Internship

Course Description
Research-based internship for Plant and Wildlife Sciences majors in Genetics, Genomics, and Biotechnology as well as Environmental Science.

Department
Plant and Wildlife Sciences

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Note
An approved Internship Application is required before adding.

PWS 402 - Soils and Water in the Urban Environment

Course Information

Teaching Area (new)
PWS

Course Number
402

Teaching Area
PWS

Course Title
Soils and Water in the Urban Environment

Course Description
Principles of water management, soil physics, and soil fertility used in a problem-solving environment addressing current challenges in managing soils and water in the urban landscape.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 100 - Plants in the Environment
  AND PWS 282 - Soil Science
  AND PWS 283 - Soil Science Laboratory

Learning Outcomes

Title
Competency in Soil and Water Management Principles in the Ur

Tags
202829, 1

Learning Outcome
A primary goal of this course is for students to greatly increase their knowledge base of scientific principles related to plant, water, soil, nutrient, and pest management. This will be assessed by examination at beginning and end of semester with a target of at least doubling of average scores.

Title
Complete Five Case Studies

Tags
202873, 0

Learning Outcome
Students will apply concepts assimilated in previous courses to solve problems associated with at least five real world case studies. By assignment, eachwill develop an assessment matrix for use in problem solving situations encountered in their future careers.

Title
Portfolio Development

Tags
202925, 3

Learning Outcome
Students will develop at least one individual and group item to add to their portfolio. Development of a diagnostic key, writing an evaluation paper, development of a group presentation and completion of a semester project could each contribute to portfolios.

Title
Develop Oral and Written Communication Skills

Tags
203013, 2

Learning Outcome
Students will successfully writeseveral documents, including a research paper and diagnostic key at an upperclassmen level of writing. Students will actively participate in team problem solving and a Group presentation.

PWS 405 - Environmental Chemistry Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
405

Teaching Area
PWS

Course Title
Environmental Chemistry Laboratory

Course Description
Soil, water, biosolid, and biotic tissue sample preparation and analysis using chromatography, combustion, and spectroscopy.

Department
Plant and Wildlife Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Other Prerequisites
Chem 105, 106, 107; or equivalent.

Recommended
Chem 223; PWS 283, 306

Learning Outcomes

Title
Chemistry knowledge

Tags
203043, 1

Learning Outcome
Gain a deeper understanding of environmental chemistry.

Title
Analytical chemistry

Tags
203044, 2

Learning Outcome
Demonstrate the analytical knowledge in environmental chemistry.

Title
Application of analytical chemistry tools

Tags
203052, 3

Learning Outcome
Students will demonstrate an ability to select the most appropriate analytical tools for gathering data necessary for solving specific environmental problems.

PWS 411 - Watershed Ecology and Management

Course Information

Teaching Area (new)
PWS

Course Number
411

Teaching Area
PWS

Course Title
Watershed Ecology and Management

Course Description
Processes and management of the hydrologic cycle of forests, woodlands and rangeland ecosystems.

Department
Plant and Wildlife Sciences

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- BIO 350 - Ecology
  OR PWS 350 - Rangeland and Widlife Ecology

Learning Outcomes

Title
Water Management History and Policy

Tags
202796, 1

Learning Outcome
Students will be able to discuss the history and policy that drives water management in the western US.

Title
Watershed Assessment and Classification

Tags
202840, 2

Learning Outcome
Students will be able to apply assessment and classification tools to watersheds and their components to determine how management actions affect hydrologic responses.

Title
Ecological and Hydrological Processes

Tags
203032, 1

Learning Outcome
Students will be able to explain ecological and hydrological processes and concepts and apply them to watershed management actions such as harvesting, grazing, and restoration.

PWS 416 - Rangeland, Woodland and Forest Restoration, Improvement and Management

Course Information

Teaching Area (new)
PWS

Course Number
416

Teaching Area
PWS

Course Title
Rangeland, Woodland and Forest Restoration, Improvement and Management

Course Description
Habitat improvement for wildlife and domestic animals using biological agents, chemicals, mechanical equipment and prescribed fire. Use of restoration treatments for disturbed lands. (outdoor labs required)

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
PWS 215; PWS 330; PWS 350

Note
Field trips required.

Learning Outcomes

Title
Rangeland Vegetation Improvement

Tags
202811, 5

Learning Outcome
Be able to discuss approaches, practices, and outcomes of rangeland vegetation improvements in actual field situations.

Learning Outcome
Discuss and plan biological, chemical, mechanical methods, and fire to achieve land management goals.

Title
Site Potential and Fuels

Tags
202820, 2

Learning Outcome
Assess site potential and fuels relative to potential vegetation changes with and without management.

Title
Plant Control, Revegetation, and Restoration Practices

Tags
202832, 4

Learning Outcome
Integrate plant control, revegetation and other restoration practices to meet land management goals

Title
Revegetation, Rehabilitation, and Restoration

Tags
202912, 3

Learning Outcome
Plan revegetation, fire rehabilitation, and restoration practices to rangeland, woodland and forest ecosystems.

Title
Rangeland Vegetation History

Tags
202982, 0

Learning Outcome
Discuss the historical and successional history of land to current rangeland vegetation conditions and treatments

Title
Land Management Goals and Planning Methods

Tags
203030, 1

PWS 417 - Rangeland Planning and GIS

Course Information

Teaching Area (new)
PWS

Course Number
417

Teaching Area
PWS

Course Title
Rangeland Planning and GIS

Course Description
Development of a multiple-use natural resource plan for watershed forestry, recreation, wildlife, and livestock. Policies that govern planning and conflict resolution.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
PWS 215, 225, 350

Learning Outcomes

Title
Stewardship and Professional Judgement

Tags
202872, 1

Learning Outcome
Identify and articulate stewardship for the creation as a basis for professional judgment.

Title
Analytical Thinking

Tags
202934, 2

Learning Outcome
Demonstrate ability to apply the scientific method and analytical thinking to ecological and management issues.

Title
Ecological Processes

Tags
202951, 1

Learning Outcome
Apply an understanding of ecological processes to wildland management

PWS 419 - Forest Measurements, Management and Ecology

Course Information

Teaching Area (new)
PWS

Course Number
419

Teaching Area
PWS

Course Title
Forest Measurements, Management and Ecology

Course Description
Managing forests, emphasizing ecosystem values, uses and users. (outdoor labs required)

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Note
Field trips required.

Learning Outcomes

Title
Forest Structure

Tags
202786, 3

Learning Outcome
Be able to quantify forest structure and production

Title
Tree Species

Tags
202798, 6

Learning Outcome
Identify 75 tree species located in Utah and on BYU campus.

Title
Stewardship

Tags
202830, 0

Learning Outcome
Articulate their role as stewards over forested environments.

Title
Management Decisions

Tags
202876, 2

Learning Outcome
Explain forest structure, function, and process in making management decisions

Title
Global Forest Diversity

Tags
202920, 1

Learning Outcome
Discuss the diversity of forests world-wide and their importance to human populations.

Title
Wildlife Habitat

Tags
202939, 5

Learning Outcome
Discuss the role of forests in wildlife habitat management

Title
Pest and Disease Control

Tags
202967, 4

Learning Outcome
Recognize forest pests and diseases and discuss the appropriate control techniques.

PWS 420 - International Agricultural Development

Course Information

Teaching Area (new)
PWS

Course Number
420

Teaching Area
PWS

Course Title
International Agricultural Development

Course Description
Problems and emerging solutions in international agricultural development, with emphases on human health and nutrition, sustainable natural resource use in agricultural production, the roles of education and extension, and emerging technologies. Readings, class discussions, and application of principles to a case study project.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
PWS 150, IAS 220

PWS 431 - Plant Health Diagnostics

Course Information

Teaching Area (new)
PWS

Course Number
431

Teaching Area
PWS

Course Title
Plant Health Diagnostics

Course Description
Diagnosing plant health problems; pest biology and identification (weed, insect, and disease).

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Learning Outcomes

Title
Problem Solving Skills

Tags
202788, 3

Learning Outcome
Develop problem solving skills

Title
Weeds and Insects

Tags
202817, 1

Learning Outcome
Be able to identify weeds, insects and diseases that affect plants

Title
Plant Health

Tags
202877, 0

Learning Outcome
Diagnose and manage plant health in horticulture.

Title
Plant Pesticides

Tags
202929, 0

Learning Outcome
Safely and accurately apply plant pesticides through integrated pest management.

Title
Communication

Tags
202985, 5

Learning Outcome
Improve communication and interpersonal skills

Title
Critical Thinking Skills

Tags
202993, 0

Learning Outcome
Enhance critical thinking skills.

PWS 440 - Plant Physiological Ecology

Course Information

Teaching Area (new)
PWS

Course Number
440

Teaching Area
PWS

Course Title
Plant Physiological Ecology

Course Description
Photosynthesis, respiration, water relations, mineral nutrition, growth of flowering plants.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
GE Biological Science requirement; college chemistry

Recommended
Chem 285; or 351, 352

PWS 446 - Ornithology.

Course Information

Teaching Area (new)
PWS

Course Number
446

Teaching Area
PWS

Course Title
Ornithology.

Course Description
Avian systematics, evolution, distribution, identification, and natural history.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
Bio 100 or Bio 130 or PDBio 120 or PWS 100 or equivalent or instructor's consent.

Note
Registration for a lab is required, as is a three day field trip.

Learning Outcomes

Title
Ornithology

Tags
201058, 1

Learning Outcome
Define ornithology and what it encompasses.

Title
Global Diversity

Tags
201059, 2

Learning Outcome
Discuss the global diversity of birds in both form and function

Title
Bird Evolution

Tags
201060, 3

Learning Outcome
Articulate the current thinking regarding the evolution of birds.

Title
North American Birds

Tags
201061, 4

Learning Outcome
Identify 200 birds common to western North America.

PWS 447 - Mammals of North America

Course Information

Teaching Area (new)
PWS

Course Number
447

Teaching Area
PWS

Course Title
Mammals of North America

Course Description
Focus on the ecology, identification, and management of mammals commonly found in western North America. Learning mammalian characteristics; developing an understanding of mammalian evolution and biogeography; gaining knowledge of mammalian taxonomy, physiological adaptations, and behaviors specific to species found in western North America. Emphasis on sampling methods and techniques used in the conservation and management of these species.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
PWS 225, 344

Learning Outcomes

Title
Identification of N.A. mammals

Learning Outcome
Students will be able to identify many North American mammals.

PWS 472 - Conservation Genomics

Course Information

Teaching Area (new)
PWS

Course Number
472

Teaching Area
PWS

Course Title
Conservation Genomics

Course Description
Introduction to conservation genetics and genomics. Fundamental concepts in conservation genetics taught in a modern context through the analysis of data derived from cutting-edge genomic technologies.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 340 - Genetics

PWS473 - Quantitative Genetics

Course Information

Course Number
473

Teaching Area
PWS

Course Title
Quantitative Genetics

Course Description
Introduction to the discipline of quantitative genetics and its application in diverse fields, such as animal and plant breeding, evolutionary biology, and human genetics. Students will learn to analyze the inheritance of complex traits that are influenced by multiple genes and environmental factors, using statistical and computational methods.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ANY of the following Courses:

- BIO 264 - Statistical Analysis for Biologists
  OR PWS 274 - Applied Biostatistics
  OR PWS 272 - Coding for Genetic Analysis

Recommended
PWS 472 Conservation Genomics

Learning Outcomes

Title
Explain the principles of quantitative inheritance

Learning Outcome
Students will be able to distinguish between qualitative and quantitative traits and describe the role of polygenic inheritance and environmental variation in shaping phenotypic traits

Title
Apply statistical methods to analyze quantitative traits

Learning Outcome
Students will be able to calculate means, variances, covariances, and correlations, and use regression and analysis of variance (ANOVA) in genetic contexts

Title
Estimate genetic parameters from data

Learning Outcome
Students will be able to define and compute heritability (broad and narrow sense), and to estimate genetic and environmental variances using appropriate models

Title
Practice Integrity in Scientific Inquiry

Learning Outcome
Students will demonstrate honesty and transparency in data collection, analysis, and reporting, uphold ethical standards in all aspects of research and collaboration, and reflect on how integrity in science mirrors Christ's example of truthfulness.

Title
Understand and apply the concept of selection

Learning Outcome
Students will be able to calculate response to selection using the breeder's equation, and analyze selection differentials and intensities in breeding programs

Title
Model genetic architecture of traits

Learning Outcome
Students will be able to interpret additive, dominance, and epistatic genetic effects and predict outcomes of crosses and selection

Title
Evaluate the impact of mating systems and population structure

Learning Outcome
Students will be able to analyze inbreeding, assortative mating, and genetic drift, and understand the consequences of population subdivision on genetic variation

Title
7. Use quantitative genetic principles in applied contexts

Learning Outcome
Students will be able to design breeding programs for plants or animals and assess genetic improvement strategies in agriculture

PWS 480 - Environmental Capstone: Data Analysis and Writing

Course Information

Teaching Area (new)
PWS

Course Number
480

Teaching Area
PWS

Course Title
Environmental Capstone: Data Analysis and Writing

Course Description
Database theory and design, statistical analysis, interpretation, and communication of environmental science data. Students will produce a scientific article and portfolio demonstrating mastery of the quantitative and aesthetic components of science and communication.

Department
Plant and Wildlife Sciences

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 305 - Watershed Ecology
  AND PWS 365 - Biogeochemistry

PWS 481 - Plant and Landscape Business Systems

Course Information

Teaching Area (new)
PWS

Course Number
481

Teaching Area
PWS

Course Title
Plant and Landscape Business Systems

Course Description
Understanding and demonstrating competency with business systems used in plant and landscape systems companies.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Self reflection and career fit

Learning Outcome
Understand which type of company/organization is likely to provide the best fit for you and learn to evaluate a companies systems.

Title
Evaluate companies and the systems they use

Learning Outcome
Identify and describe key systems associated with successful Landscape Contracting (or another area within the Green Industry) companies. Understand the Company Growth Process, roadblocks, and strategies for advancing a company past thresholds.

Title
Technological integration to modern business

Learning Outcome
Describe the importance of business management software and be able to discuss strengths and weaknesses of major software programs; gain exposure to Aspire, the leading business management software for midsized companies.

Title
Career success and life balance

Learning Outcome
Reflect on the relationship between career success and the ability to serve in your home, community, and church.

PWS 490 - Case Studies

Course Information

Teaching Area (new)
PWS

Course Number
490

Teaching Area
PWS

Course Title
Case Studies

Course Description
Contemporary agricultural and environmental problems using decision case studies dealing with environmental technology issues and analysis.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- PWS 282 - Soil Science

PWS 491R - Undergraduate Seminar

Course Information

Teaching Area (new)
PWS

Course Number
491R

Teaching Area
PWS

Course Title
Undergraduate Seminar

Course Description
Current information in the plant and wildlife sciences.

Department
Plant and Wildlife Sciences

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Vocabulary and Techniques

Tags
202882, 1

Learning Outcome
Display fluency in the vocabulary and current research techniques in the four focal areas of the PWS Department: environmental science; genetics and biotechnology; landscape management; and wildlife and wildlands conservation

Title
Research and the Gospel

Tags
203018, 0

Learning Outcome
Explain the importance of cross-discipline research for comprehensive scholarship and the importance of Gospel-centered stewardship and sustainability.

PWS 494R - Biotechnology Laboratory

Course Information

Teaching Area (new)
PWS

Course Number
494R

Teaching Area
PWS

Course Title
Biotechnology Laboratory

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Learning Outcomes

Title
Mentoring

Tags
203075, 1

Learning Outcome
Learn how to be an effective and efficient mentor

Title
Experimental Results

Tags
203076, 2

Learning Outcome
Generate and analyze experimental results for publications or presentations at professional meetings

PWS 494R - Plant ID / URME Team

Course Information

Teaching Area (new)
PWS

Course Number
494R

Teaching Area
PWS

Course Title
Plant ID / URME Team

Course Description
Plant ID techniques and and rangeland ecology principles-methods for identifying 200 common rangeland plant species in preparation for the plant identification contest at the Society of Rangeland Management, and fundamentals of rangeland ecology in preparation for the Undergraduate Range Management Exam.

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Note
Registration required for mentored experiences.

Learning Outcomes

Title
Basic Experiments

Tags
202793, 0

Learning Outcome
Design and/or participate in basic experiments attempting to answer questions in biochemistry, biotechnology, genetics, molecular biology, and soil science

Title
Experimental Results

Tags
202847, 0

Learning Outcome
Generate and analyze experimental results for publications or presentations at professional meetings

PWS 494R - Environmental Science Field Techniques

Course Information

Teaching Area (new)
PWS

Course Number
494R

Teaching Area
PWS

Course Title
Environmental Science Field Techniques

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Learning Outcomes

Title
Mentoring

Tags
203077, 1

Learning Outcome
Learn how to be an effective and efficient mentor

Title
Experimental Results

Tags
203078, 2

Learning Outcome
Generate and analyze experimental results for publications or presentations at professional meetings

PWS 494R - Mentored Learning Experience

Course Information

Teaching Area (new)
PWS

Course Number
494R

Teaching Area
PWS

Course Title
Mentored Learning Experience

Course Description
Mentored learning for undergraduates in the fields of Environmental Sciences; Genetics, Genomics, and Biotechnology; Landscape Management; Wildlife and Wildlands Conservation.

Department
Plant and Wildlife Sciences

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Note
Registration required for mentored experiences.

Learning Outcomes

Title
Mentoring

Tags
203067, 3

Learning Outcome

Learn how to be an effective and efficient mentor

Title
Experimental Results

Tags
203068, 4

Learning Outcome
Generate and analyze experimental results for publications or presentations at professional meetings

PWS 505 - Aquatic and Terrestrial Biogeochemistry

Course Information

Teaching Area (new)
PWS

Course Number
505

Teaching Area
PWS

Course Title
Aquatic and Terrestrial Biogeochemistry

Course Description
An in-depth treatment of global biogeochemical cycles, focusing on cycles of carbon, oxygen, nitrogen, phosphorus, and sulfur in the atmosphere, hydrosphere, and lithosphere. Special attention will be given to the microbial mediated transformations and the impact of human disturbances in terrestrial and aquatic environments.

Department
Plant and Wildlife Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Biogeochemical cycling

Tags
203039, 1

Learning Outcome
Understand the fundamentals of biogeochemical cycling in soils, air, and water

Title
Spiritual aspects of cycling

Tags
203120, 5

Learning Outcome
Gain a deeper appreciation of how the natural world works and a desire to promote environmental stewardship to safeguard our or Earth

Title
Microbial ecology

Tags
203121, 2

Learning Outcome
Understand the importance of microorganisms, microbial-mediated processes, and ecology (i.e., bacteria and fungi) in dictating and altering cycling

Title
Critical thinking, experimental design, and statistics

Tags
203122, 4

Learning Outcome
Possess the ability to design and execute a biogeochemical experiment from understanding the problem to the statistics that properly fit the experimental design

PWS 511 - Environmental Biophysics: Soil and Plant Water Relations.

Course Information

Teaching Area (new)
PWS

Course Number
511

Teaching Area
PWS

Course Title
Environmental Biophysics: Soil and Plant Water Relations.

Course Description
Integrating biological, physical, and chemical processes of water and solute movements through the soil-plant-atmosphere continuum.

Department
Plant and Wildlife Sciences

When Taught
Winter Even Years

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
Phscs 105 and PWS 282; or equivalents.

Learning Outcomes

Title
Develop Base Understanding of Biophysics

Tags
202855, 0

Learning Outcome
Students will take a pre- and post-semester exam and at least double their score to assess understanding of the importance of physics in biological systems.

PWS 512 - Rangeland Landscape Ecology and Geographic Information Systems.

Course Information

Teaching Area (new)
PWS

Course Number
512

Teaching Area
PWS

Course Title
Rangeland Landscape Ecology and Geographic Information Systems.

Course Description
Applying landscape ecology theory to evaluate, describe, and predict spatial patterns and processes within rangeland ecosystems using geographic information systems (GIS), remote sensing, and global positioning systems (GPS).

Department
Plant and Wildlife Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Recommended
PWS 215, Geog 212

Learning Outcomes

Title
Landscape Ecology Theory

Tags
203000, 1

Learning Outcome
Students will be able to apply landscape ecology theory to evaluate, describe, and predict spatial patterns and processes in wildlife ecosystems. This will be furthered by synthesis of the literature and current theory.

PWS 513 - Environmental Field Instrumentation

Course Information

Teaching Area (new)
PWS

Course Number
513

Teaching Area
PWS

Course Title
Environmental Field Instrumentation

Course Description
Hands-on course and lab teaching students how to use instrumentation in the field and in controlled settings to measure key environmental parameters. Learning the physical principles underlying sensors.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Phscs 105 and PWS 282; or equivalents.

Learning Outcomes

Title
Field instrumentation

Tags
203048, 1

Learning Outcome
Gain a deeper understanding of field instrumentation.

Title
Field applications of instrumentation

Tags
203053, 2

Learning Outcome
Students will acquire fluency in their ability to select and use appropriate instrumentation to gather precise data under varying environmental conditions.

PWS 514 - Soil Microbiology

Course Information

Teaching Area (new)
PWS

Course Number
514

Teaching Area
PWS

Course Title
Soil Microbiology

Course Description
Ecology and role of soil microorganisms in biogeochemical cycles, decomposition of organic matter and waste materials, and bioremediation of contaminated soils and water.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Chem 105 and 106; or equivalents

Learning Outcomes

Title
Soil microbiology fundamentals

Tags
202980, 0

Learning Outcome
Ecology and role of soil microorganisms in nutrient cycling, decomposition of organic matter and waste materials, and degradation of agricultural chemicals in soils

PWS 532 - Advanced Scientific Writing and Communication

Course Information

Course Number
532

Teaching Area
PWS

Course Title
Advanced Scientific Writing and Communication

Course Description
See attached syllabus.

Department
Plant and Wildlife Sciences

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing Strategies Proficiency

Learning Outcome
Students will be proficient in strategies to sustain a consistent writing habit and enhance writing productivity.

Title
Writing Structure and Function

Learning Outcome
Students will demonstrate the ability to explain, link, and effectively communicate the structure and function of all components within scientific papers.

Title
Writing Techniques Mastery

Learning Outcome
Students will master techniques for effectively communicating scientific information.

PWS 540 - Plant Response to the Environment

Course Information

Teaching Area (new)
PWS

Course Number
540

Teaching Area
PWS

Course Title
Plant Response to the Environment

Course Description
Advanced plant physiological ecology principles.

Department
Plant and Wildlife Sciences

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 440 or equivalent; PWS 494R or concurrent enrollment

Learning Outcomes

Title
Communication

Tags
202810, 2

Learning Outcome
Students will participate in learning exercises that teaches them how to gather, interpret and communicate scientific information.

Title
Instrumentation

Tags
202864, 3

Learning Outcome
Students will be exposed to the instrumentation and techniques commonly used to gather data in the field of plant physiological ecology.

Title
Scientifc method

Tags
202959, 1

Learning Outcome
Students will learn to apply the scientific method in order to become more proficient and independent learners

Title
Plant-environment interactions

Tags
203029, 1

Learning Outcome
Students will be able to conceptualize the physiological mechanisms by which plants sense and respond to their environment and how that impacts ecological systems.

Title
Plant physiology fundamentals

Tags
202845, 0

Learning Outcome
1) Advanced Topics in Plant Metabolism, 2) Developmental Plant Metabolism, and 3) Advance Topics in Crop Physiology.

PWS 547 - Ungulate Conservation and Management

Course Information

Teaching Area (new)
PWS

Course Number
547

Teaching Area
PWS

Course Title
Ungulate Conservation and Management

Course Description
Integrating principles of natural history, population ecology, behavior, and conservation biology of North American ungulates. Special emphasis on management and conservation applications.

Department
Plant and Wildlife Sciences

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
PWS or Bio 350; and Bio 447; or equivalents

Learning Outcomes

Title
Ecology

Tags
202781, 0

Learning Outcome
Will understand and be able to articulate current understanding concerning the role of ungulates in ecosystems

Title
Presentation skills

Tags
202812, 2

Learning Outcome
Students will develop presentation skills

Title
Critical thinking

Tags
202995, 1

Learning Outcome
students will develop the ability to critically think by reviewing and evaluating scientific articles or book chapters that examine ungulate ecology

PWS 551 - Quantitative Ecology

Course Information

Teaching Area (new)
PWS

Course Number
551

Teaching Area
PWS

Course Title
Quantitative Ecology

Course Description
Quantitative methods for ecological sampling and data analysis.

Department
Plant and Wildlife Sciences

When Taught
Winter Even Yrs..

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
Bio 350 or equivalent; Stat 121 or 511 or concurrent enrollment

Learning Outcomes

Title
Effective Communication

Tags
202846, 3

Learning Outcome
Demonstrate oral and written scientific communications skills.

Title
Research Application

Tags
202866, 1

Learning Outcome
Demonstrate application of the scientific and analytical methods in ecological research.

Title
Research Project

Tags
202898, 2

Learning Outcome
Demonstrate ability to synthesize literature relevant to a research project.

Title
Sampling and Analysis

Tags
202968, 1

Learning Outcome
Learn how and when to use appropriate sampling and a data analysis techniques for ecological inquiry.

PWS 552 - Terrestrial Ecosystems

Course Information

Teaching Area (new)
PWS

Course Number
552

Teaching Area
PWS

Course Title
Terrestrial Ecosystems

Course Description
Theory and application of plant and animal distribution in terrestrial environments.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Terrestrial fundamentals

Tags
203040, 2

Learning Outcome
Improve their ability to solve contremporary environmental problems using fundamental terrestrial ecosystems.

Title
Ecosystem knowledge

Tags
203041, 3

Learning Outcome
Demonstarte knowledge in the form and function of terrestrial ecosystems

Title
Terrestrial field instrumentation

Tags
203042, 1

Learning Outcome
Gain a deeper understanding of terrestrial field instrumentation

Title
Spiritual appreciation of terrestrial ecosystems

Tags
203054, 4

Learning Outcome
Students will acquire increased appreciation for natural expressions of Divine intelligence in the interconnectivity of terrestrial ecosystems.

PWS 553 - Restoration Ecology

Course Information

Teaching Area (new)
PWS

Course Number
553

Teaching Area
PWS

Course Title
Restoration Ecology

Course Description
Nature of ecosystem disturbance and plant succession; developing science and practice of ecological restoration; case studies of applied restoration.

Department
Plant and Wildlife Sciences

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 282, 416; Bio 350; or equivalents

Learning Outcomes

Title
Practical Application

Tags
202777, 2

Learning Outcome
Students will be able to apply restoration ecology and techniques to practical problems such mined and other drastically-disturbed lands, disturbed terrestrial and riparian or wetland systems, and invasive species concerns

Title
Ecology Applications

Tags
202902, 1

Learning Outcome
Students will understand the applications of plant population ecology, ecophysiology, and community ecology to restoration ecology.

Title
Plant Succession

Tags
202938, 1

Learning Outcome
Students will understand the processes of plant succession as the foundation for restoration ecology.

PWS 554 - Wildlife Behavioral Ecology

Course Information

Teaching Area (new)
PWS

Course Number
554

Teaching Area
PWS

Course Title
Wildlife Behavioral Ecology

Course Description
Integrating principles of ethology, sociobiology, and behavioral ecology using examples from wildlife resources; behavioral sampling methods.

Department
Plant and Wildlife Sciences

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Bio 100, 350; or equivalents.

Note
Field trips required.

Learning Outcomes

Title
Basic Principles

Tags
202913, 1

Learning Outcome
Students will become familiar with the basic principles of animal behavior including:An introduction to the basic principles of animal behaviorA review of natural selection and its role in shaping animal behaviorA study of proximate factors which influence behaviorThe role of learningCooperationForagingAntipredator behaviorCommunicationHabitat selection, territoriality, and migrationAggressionPlayAging and diseaseAnimal personalities

PWS 559 - Molecular Plant Breeding

Course Information

Teaching Area (new)
PWS

Course Number
559

Teaching Area
PWS

Course Title
Molecular Plant Breeding

Course Description
Molecular genetics methods applied to improvement of economically important plants. Theory and methods of plant transformations.

Department
Plant and Wildlife Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
PWS 265, 340, 485, 586, PDBio 360; or equivalents; PWS 494R or concurrent enrollment

Learning Outcomes

Title
Manuscript for Journal

Tags
202779, 3

Learning Outcome
Prepare a manuscript for submission to a refereed scientific journal

Title
Lead Discussions

Tags
202787, 2

Learning Outcome
Lead classroom discussions using current scientific literature as the basis for the discussion

Title
Academic & Industry-Based Science

Tags
202893, 5

Learning Outcome
Discuss the differences between academic and industry-based science

Title
Scientific Journals

Tags
202899, 4

Learning Outcome
Explain scientific ethics, etiquette, and the underpinnings as to why it is important to publish scientific journals

Title
Genetic Molecular Markers

Tags
202923, 1

Learning Outcome
Outline the history and uses of genetic molecular markers

Title
Marker Systems

Tags
202987, 1

Learning Outcome
Discuss with proficiency the pros and cons of a minimum of seven different marker systems. Examples of these systems include RFLPs, RAPDs, AFLPs, SSRs, and SNPs

PWS 560 - Quantitative Environmental Chemistry

Course Information

Teaching Area (new)
PWS

Course Number
560

Teaching Area
PWS

Course Title
Quantitative Environmental Chemistry

Course Description
Laboratory chemical analysis of soils and plant materials in soil and plant research.

Department
Plant and Wildlife Sciences

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
Chem 105, 106, 107; or equivalent.

Recommended
Chem 223 and/or PWS 283, 306, 405, 406

Learning Outcomes

Title
instrumentation

Tags
202794, 2

Learning Outcome
Understand and operate instrumentation used in common soil and plant analysis

Title
analytical procedures

Tags
202930, 1

Learning Outcome
Understand processes of analytical procedures used in soil and plant analysis

Title
intrepreting data

Tags
202960, 3

Learning Outcome
Intrepret data and provide recommendations based on analysis of soil and plant material.

Title
Advanced soil techniques

Tags
203007, 0

Learning Outcome
Laboratory chemical analysis of soils and plant materials in soil and plant research

PWS 575 - Plant Pathology

Course Information

Teaching Area (new)
PWS

Course Number
575

Teaching Area
PWS

Course Title
Plant Pathology

Course Description
Concepts associated with symptoms, development, control, and classification of plant diseases. Identification and classification of plant fungi, bacteria, and viruses.

Department
Plant and Wildlife Sciences

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
PWS 100 or equivalent

Learning Outcomes

Title
Problem Solving Skills

Tags
202807, 3

Learning Outcome
Employ problem solving skills, including enhanced ability to critically think and reason

Title
Communication & Interpersonal Skills

Tags
202861, 4

Learning Outcome
Display enhanced communication and interpersonal skills, including writing

Title
Plant Problems

Tags
202917, 1

Learning Outcome
Diagnose and treat plant problems

Title
Fungi & Bacteria

Tags
202932, 2

Learning Outcome
Culture and identify fungi and bacteria

Title
Major Plant Diseases

Tags
203021, 1

Learning Outcome
Identify major diseases that affect plants

PWS 588 - Metagenomics

Course Information

Teaching Area (new)
PWS

Course Number
588

Teaching Area
PWS

Course Title
Metagenomics

Course Description
Introduction to comparative and fuctional analysis of genomic and metagenomic datasets, including microbial functions that affect host health. Analyzing existing and novel datasets with field-standard techniques.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Introductory coding and mommand-line experience (e.g. Bio 664 for grad students or seek instructor's consent); strongly recommend Bio/MMBio/PWS 468 or corresponding graduate sections.

Learning Outcomes

Title
Application of a broad knowledge base in genome biology

Tags
203062, 1

Learning Outcome
Students can apply basic concepts in genetics, molecular biology, and bioinformatics in solving metagenomics problems.

Title
Deep knowledge skills in metagenomics

Tags
203063, 2

Learning Outcome
Students will demonstrate expanded understanding of metagenomic and comparative genomic theories and techniques.

Title
Laboratory skills in metagenomics

Tags
203064, 3

Learning Outcome
Students can predict metagenomic content from samples, and compare genomic and metagenomic content across samples.

Title
Computational research management skills

Tags
203065, 4

Learning Outcome
Students can assemble and annotate genomes, including targeted shotgun metagenomes.

Title
Literature analysis and writing skills

Tags
203066, 5

Learning Outcome
Students can analyze, interpret, and present methodology and results of their own creation in the format of primary literature.

PWS 598R - Advanced Topics in the Plant and Wildlife Sciences.

Course Information

Teaching Area (new)
PWS

Course Number
598R

Teaching Area
PWS

Course Title
Advanced Topics in the Plant and Wildlife Sciences.

Department
Plant and Wildlife Sciences

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research

Tags
202886, 0

Learning Outcome
Give students a specific topic to increase their understanding of the scientific method as it relates to focused research objectives.

QUECH 100 - Language Study: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
100

Teaching Area
QUECH

Course Title
Language Study: Quechua

Course Description
Survival-level conversation, reading, listening, and culture skills in Quechua.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197591, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197593, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197594, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

QUECH 101 - First-Year Language Study: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
101

Teaching Area
QUECH

Course Title
First-Year Language Study: Quechua

Course Description
Beginning speaking, listening, reading, and writing skills in Quechua.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197581, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197583, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197585, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197586, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

QUECH 102 - First-Year Language Study: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
102

Teaching Area
QUECH

Course Title
First-Year Language Study: Quechua

Course Description
Second-semester speaking, listening, reading, and writing skills in Quechua.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- QUECH 101 - First-Year Language Study: Quechua

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197575, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197577, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197579, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197580, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

QUECH 201 - Second-Year Language Study: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
201

Teaching Area
QUECH

Course Title
Second-Year Language Study: Quechua

Course Description
Intermediate speaking, listening, reading, and writing skills in Quechua.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- QUECH 102 - First-Year Language Study: Quechua

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197566, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197567, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197568, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197569, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

QUECH 202 - Second-Year Language Study: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
202

Teaching Area
QUECH

Course Title
Second-Year Language Study: Quechua

Course Description
Continued emphasis on Quechua communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- QUECH 201 - Second-Year Language Study: Quechua

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197554, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197557, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197559, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197561, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

QUECH 305 - Language Skills Development: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
305

Teaching Area
QUECH

Course Title
Language Skills Development: Quechua

Course Description
Increasing proficiency in one or more of the following Quechua language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197548, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197549, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197551, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

QUECH 321 - Advanced Grammar: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
321

Teaching Area
QUECH

Course Title
Advanced Grammar: Quechua

Course Description
Advance your Quechua through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- QUECH 202 - Second-Year Language Study: Quechua

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197421, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197424, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197425, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
330

Teaching Area
QUECH

Course Title
Advanced Language Proficiency Through Cultural Studies: Quechua

Course Description
Study of Quechua culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Quech 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197413, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197415, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197416, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197418, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

QUECH 340 - Introduction to Literature: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
340

Teaching Area
QUECH

Course Title
Introduction to Literature: Quechua

Course Description
Explore Quechua culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197404, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197405, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197407, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197409, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

QUECH 350 - Advanced Language Study for Career Purposes: Quechua

Course Information

Teaching Area (new)
QUECH

Course Number
350

Teaching Area
QUECH

Course Title
Advanced Language Study for Career Purposes: Quechua

Course Description
Concentration on Quechua language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- QUECH 330 - Advanced Language Proficiency Through Cultural Studies: Quechua

Learning Outcomes

Title
Defined Career Purposes

Tags
197397, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197399, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197400, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197401, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197402, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

RAROT 100 - Language Study: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
100

Teaching Area
RAROT

Course Title
Language Study: Rarotongan

Course Description
Survival-level conversation, reading, listening, and culture skills in Rarotongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197393, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197394, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197395, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

RAROT 101 - First-Year Language Study: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
101

Teaching Area
RAROT

Course Title
First-Year Language Study: Rarotongan

Course Description
Beginning speaking, listening, reading, and writing skills in Rarotongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197385, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197388, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197390, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197391, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

RAROT 102 - First-Year Language Study: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
102

Teaching Area
RAROT

Course Title
First-Year Language Study: Rarotongan

Course Description
Second-semester speaking, listening, reading, and writing skills in Rarotongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 101 - First-Year Language Study: Rarotongan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197378, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197380, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197381, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197383, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

RAROT 201 - Second-Year Language Study: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
201

Teaching Area
RAROT

Course Title
Second-Year Language Study: Rarotongan

Course Description
Intermediate speaking, listening, reading, and writing skills in Rarotongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 102 - First-Year Language Study: Rarotongan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197372, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197374, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197375, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197376, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

RAROT 202 - Second-Year Language Study: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
202

Teaching Area
RAROT

Course Title
Second-Year Language Study: Rarotongan

Course Description
Continued emphasis on Rarotongan communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 201 - Second-Year Language Study: Rarotongan

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197363, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197365, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197367, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197369, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

RAROT 305 - NULL

Course Information

Teaching Area (new)
RAROT

Course Number
305

Teaching Area
RAROT

Course Title
NULL

Course Description
Increasing proficiency in one or more of the following Rarotongan language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197359, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197361, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197362, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

RAROT 321 - Advanced Grammar: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
321

Teaching Area
RAROT

Course Title
Advanced Grammar: Rarotongan

Course Description
Systematic review of grammar and syntax of Rarotongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 202 - Second-Year Language Study: Rarotongan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
197354, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197356, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197357, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
330

Teaching Area
RAROT

Course Title
Advanced Language Proficiency Through Cultural Studies: Rarotongan

Course Description
Study of Rarotongan culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Rarot 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197349, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197350, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197352, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197353, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

RAROT 340 - Introduction to Literature: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
340

Teaching Area
RAROT

Course Title
Introduction to Literature: Rarotongan

Course Description
Advanced study of Rarotongan literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
197338, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197342, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197345, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197347, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

RAROT 350 - Advanced Language Study for Career Purposes: Rarotongan

Course Information

Teaching Area (new)
RAROT

Course Number
350

Teaching Area
RAROT

Course Title
Advanced Language Study for Career Purposes: Rarotongan

Course Description
Concentration on Rarotongan language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RAROT 330 - Advanced Language Proficiency Through Cultural Studies: Rarotongan

Learning Outcomes

Title
Defined Career Purposes

Tags
197331, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197333, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197334, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197336, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197337, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

REL A 121 - The Book of Mormon

Course Information

Teaching Area (new)
REL A

Course Number
121

Teaching Area
REL A

Course Title
The Book of Mormon

Course Description
Narrative, doctrines, and precepts of the Book of Mormon. Covers 1 Nephi through Alma 29.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. The completion of both Rel A 121 and Rel A 122 together can satisfy the Rel A 275 cornerstone requirement.

Learning Outcomes

Title
Application

Tags
205974, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Book of Mormon passages can be applied to daily living.

Title
Narrative

Tags
207287, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon narrative or story.

Title
Doctrines and Principles

Tags
205990, 0, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon's fundamental doctrines and principles.

Title
Witness of Christ

Tags
205952, 0, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Book of Mormon bears witness of Jesus Christ.

REL A 122 - The Book of Mormon

Course Information

Teaching Area (new)
REL A

Course Number
122

Teaching Area
REL A

Course Title
The Book of Mormon

Course Description
Narrative, doctrines, and precepts of the Book of Mormon. Covers Alma 30 through Moroni 10.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. The completion of both Rel A 121 and Rel A 122 together can satisfy the Rel A 275 cornerstone requirement.

Learning Outcomes

Title
Narrative

Tags
205977, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon narrative or story.

Title
Witness of Christ

Tags
205993, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of—how the Book of Mormon bears witness of Jesus Christ.

Title
Application

Tags
206038, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of—how selected Book of Mormon passages can be applied to daily living.

Title
Doctrines and Principles

Tags
207288, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Book of Mormon's fundamental doctrines and principles.

REL A 211 - The New Testament

Course Information

Teaching Area (new)
REL A

Course Number
211

Teaching Area
REL A

Course Title
The New Testament

Course Description
Historical background, narrative, and doctrines of the New Testament. Covers the life and teachings of Jesus Christ set forth in the four Gospels.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. The completion of Rel A 211 can satisfy the Rel A 250 cornerstone requirement.

Learning Outcomes

Title
Historical and Cultural Context

Tags
199945, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament narrative in its historical and cultural context.

Title
Witness of Jesus Christ

Tags
206002, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the New Testament bears witness of the mission and message of Jesus Christ.

Title
Doctrines and Principles

Tags
206021, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament's fundamental doctrines and principles.

Title
Application to Daily Living

Tags
206025, 5

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected New Testament passages can be applied to daily living.

REL A 212 - The New Testament

Course Information

Teaching Area (new)
REL A

Course Number
212

Teaching Area
REL A

Course Title
The New Testament

Course Description
Historical background, narrative, and doctrines of the New Testament. Covers the Acts of the Apostles through the Revelation of John.

Department
Ancient Scripture

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Application

Tags
199946, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected New Testament passages can be applied to daily living.

Title
Witness of Christ

Tags
206003, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the New Testament bears witness of the mission and message of Jesus Christ.

Title
Historical Context

Tags
206016, 0

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament narrative in its historical and cultural context.

Title
Doctrines and Principles

Tags
206037, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the New Testament's fundamental doctrines and principles.

REL A 250 - Jesus Christ and His Everlasting Gospel

Course Information

Teaching Area (new)
REL A

Course Number
250

Teaching Area
REL A

Course Title
Jesus Christ and His Everlasting Gospel

Course Description
A survey course which teaches of the Savior's roles throughout eternity with emphasis on His fulfillment of Heavenly Father's covenant with His children and the blessings of the Atonement and eternal life.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Online sections also available. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. The completion of either Rel A 211 or 310R can satisfy the Rel A 250 cornerstone requirement.

Learning Outcomes

Title
Learn of Jesus Christ's eternal ministry

Tags
207289, 0, 1, 2022-01-14 10:42:55

Learning Outcome
Students will interpret biblical and restoration texts, with an emphasis on the four Gospels, to better understand the pre-mortal, mortal, and post-mortal ministries of Jesus Christ.

Title
Strengthen testimony of Jesus Christ's role as the Savior

Tags
207294, 0, 2, 2022-01-14 10:42:55

Learning Outcome
Students will articulate how biblical and restoration texts can inform and strengthen their testimony that Jesus is the Christ, the Savior of the world.

Title
Understand scriptural context

Tags
206172, 0, 3, 2022-01-14 10:42:55

Learning Outcome
Students will analyze scriptural texts based on their historical context and original intent. Students will strengthen their understanding of the mutual support between scriptural texts and the teachings of modern prophets.

Title
Application leading to lifelong discipleship

Tags
206132, 0, 4, 2022-01-14 10:42:55

Learning Outcome
Students will explain how responsible and contextualized scripture study can be a valuable resource that nurtures lifelong covenant discipleship.

Title
Find answers and respond with faith

Learning Outcome
Students will use the mission and teachings of Jesus Christ to strengthen their ability to find answers, resolve doubts, respond with faith, and give reason for the hope within them in whatever challenges they may face.

REL A 275 - Teachings and Doctrine of the Book of Mormon

Course Information

Teaching Area (new)
REL A

Course Number
275

Teaching Area
REL A

Course Title
Teachings and Doctrine of the Book of Mormon

Course Description
A study of the teachings and doctrine of the Book of Mormon with emphasis on the Savior's ministry.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Online sections also available. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu. The completion of both Rel A 121 and 122 together can satisfy the Rel A 275 cornerstone requirement.

Learning Outcomes

Title
Nurture students' faith

Tags
206133, 4

Learning Outcome
Students will increase their faith in Jesus Christ and deepen their commitment to enduring covenant discipleship.

Title
Improve knowledge

Tags
206173, 3

Learning Outcome
Students will improve their understanding of Book of Mormon doctrines in their contexts and apply those doctrines to their own lives in meaningful and appropriate ways. Students will strengthen their understanding of the mutual support between scriptural texts and the teachings of modern prophets.

Title
Increase scriptural literacy

Tags
206187, 1

Learning Outcome
Students will increase their scriptural literacy and develop skills of lifelong scripture study, including considerations of context and intent, and principles of sound exegesis.

Title
Personal Application

Tags
206188, 2

Learning Outcome
Students will build a foundation for inspired and responsible personal application.

Title
Find answers and respond with faith

Learning Outcome
Students will use the divinely-inspired teachings of the Book of Mormon to find answers, resolve doubts, respond with faith, and give reason for the hope within them in whatever challenges they may face.

REL A 300 - The Old Testament

Course Information

Course Number
300

Teaching Area
REL A

Course Title
The Old Testament

Course Description
This course is designed to provide students with a comprehensive understanding of the Old Testament with emphasis on its doctrinal, historical, cultural, and literary aspects. Foundational Old Testament connections to other books of scripture will be made. Course focus will be Jesus Christ as Jehovah of the Old Testament, students' commitment as lifelong disciples, covenant making and keeping, and students' ability to find answers to their gospel questions.

Department
Ancient Scripture

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Old Testament as a foundational scriptural text: Jehovah, covenants, temple, and prophets

Learning Outcome
Upon completing this course, students will understand how the Old Testament serves as a foundational scriptural text, particularly with regards to ancient and later teachings about Jehovah, who is Christ; covenants; the temple; and prophets.

Title
Key narratives and figures

Learning Outcome
Upon completing this course, students will recognize and understand key Old Testament narratives and characters.

Title
Historical context, major themes, and literary genres

Learning Outcome
Upon completing this course, students will be able to demonstrate a broad understanding of the Old Testament, including its historical context, major themes, and literary genres.

Title
Develop lifelong discipleship

Learning Outcome
Upon completing this course, students will be able to articulate how it has strengthened their commitment to make and keep covenants, as well as their ability to answer questions about the restored gospel.

REL A 301 - The Old Testament

Course Information

Teaching Area (new)
REL A

Course Number
301

Teaching Area
REL A

Course Title
The Old Testament

Course Description
Historical background, narrative, and doctrines of the Old Testament. Covers Genesis through 2 Samuel.

Department
Ancient Scripture

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Application to Daily Living

Tags
207290, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Old Testament passages can be applied to daily living.

Title
Doctrines and Principles

Tags
205999, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament's fundamental doctrines and principles.

Title
Witness of Jehovah

Tags
206047, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Old Testament bears witness of the work of Jehovah.

Title
Historical and Cultural Context

Tags
207295, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament narrative in its historical and cultural context.

REL A 302 - The Old Testament

Course Information

Teaching Area (new)
REL A

Course Number
302

Teaching Area
REL A

Course Title
The Old Testament

Course Description
Historical background, narrative, and doctrines of the Old Testament. Covers 1 Kings through Malachi.

Department
Ancient Scripture

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Witness of Jehovah

Tags
205988, 4

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Old Testament bears witness of the work of Jehovah.

Title
Application to Daily Living

Tags
206081, 5

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Old Testament passages can be applied to daily living.

Title
Historical and Cultural Context

Tags
207291, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament narrative in its historical and cultural context.

Title
Doctrines and Principles

Tags
207296, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Old Testament's fundamental doctrines and principles.

REL A 304 - Writings of Isaiah

Course Information

Teaching Area (new)
REL A

Course Number
304

Teaching Area
REL A

Course Title
Writings of Isaiah

Course Description
Teachings and prophecies of Isaiah in light of their historical context and relevance to latter-day people.

Department
Ancient Scripture

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical and Cultural Context

Tags
207292, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Isaiah text in its historical and cultural context.

Title
Application to Daily Living

Tags
207299, 8

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected Isaiah passages can be applied to daily living.

Title
Doctrines and Principles

Tags
207297, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of fundamental doctrines and principles found in Isaiah's writings.

Title
Witness of Jehovah

Tags
207298, 5

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how Isaiah's writings bear witness of the life and work of Jehovah.

REL A 309R - Old Testament Studies

Course Information

Course Number
309R

Teaching Area
REL A

Course Title
Old Testament Studies

Course Description
Study of the Old Testament integrated with geography, history, and culture of the biblical world, leading to an understanding, appreciation, and application of scriptural teachings today.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
32

Learning Outcomes

Title
Historical and Cultural Context

Learning Outcome
1. Demonstrate how the historical and cultural contexts of Old Testament texts shaped how scriptural episodes are portrayed. 2. Interpret the original meaning of Old Testament texts for a contemporary audience.

Title
Doctrines and Principles

Learning Outcome
1. Recognize themes in Old Testament texts that illustrate God's interaction with his children in ancient Israel. 2. Summarize fundamental doctrines of individual and collective salvation. 3. Differentiate how gospel principles were lived in Old Testament times, distinguishing between those that apply in every age and those that had specific meaning in their original contexts.

Title
Witness of Jehovah

Learning Outcome
Recognize Old Testament texts that bear witness of the identity and work of Jehovah and compare them to testimonies in the New Testament, restoration scripture, and the teachings of modern prophets and apostles.

Title
Application to Daily Living

Learning Outcome
1. Compare Old Testament texts to today's world and infer how they apply in contemporary situations. 2. Implement the lasting principles found in the Old Testament to inspire improved personal discipleship.

REL A 310R - New Testament Studies

Course Information

Course Number
310R

Teaching Area
REL A

Course Title
New Testament Studies

Course Description
Study of the New Testament Gospels integrated with geography, history, and culture of the Holy Land at the time of Jesus Christ, leading to an understanding, appreciation, and application of scriptural teachings today.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
28

Learning Outcomes

Title
Historical and Cultural Context

Learning Outcome
1. Demonstrate how the historical and cultural contexts of the New Testament Gospels shaped how they portray episodes from Jesus' ministry. 2. Interpret the original messages of the New Testament Gospels for a contemporary audience.

Title
Doctrines and Principles

Learning Outcome
1. Explain in written and oral form fundamental doctrines of the plan of salvation found in the New Testament Gospels. 2. Make defensible inferences about principles of righteous living found in the teachings of Jesus Christ.

Title
Witness of Christ

Learning Outcome
Use New Testament texts that bear witness of the mission and message of Jesus Christ to generate personal conviction of his divine identity and saving role.

Title
Application to Daily Living

Learning Outcome
1. Compare New Testament texts to today's world and infer how they apply in contemporary situations. 2. Implement the lasting principles found in the New Testament Gospels to inspire improved personal discipleship.

REL A 320 - The Joseph Smith Translation of the Bible

Course Information

Teaching Area (new)
REL A

Course Number
320

Teaching Area
REL A

Course Title
The Joseph Smith Translation of the Bible

Course Description
Historical significance of Joseph Smith's translation of the Bible, its relationship to the other standard works, and its doctrinal contributions.

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical Background

Tags
205997, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the historical background of the JST.

Title
Product vs. Process Development

Tags
206043, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the relationship between product and process in development of the JST.

Title
Doctrinal Contribution

Tags
206048, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the doctrinal contribution of the JST.

REL A 327 - The Pearl of Great Price

Course Information

Teaching Area (new)
REL A

Course Number
327

Teaching Area
REL A

Course Title
The Pearl of Great Price

Course Description
Historical background and doctrines of the Pearl of Great Price.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Context

Tags
207293, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the Pearl of Great Price in the historical and cultural context of its various components.

Title
Doctrines and Principles

Tags
207300, 1

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of the fundamental doctrines and principles found in the Pearl of Great Price.

Title
Witness of Christ

Tags
207301, 2

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how the Pearl of Great Price bears witness of Jesus Christ.

Title
Application

Tags
207302, 3

Learning Outcome
Students who successfully complete the requirements for this course will be able to demonstrate that they have acquired an understanding of how selected passages in the Pearl of Great Price can be applied to daily living.

REL A 336 - The Book of Mormon as Sacred Literature

Course Information

Teaching Area (new)
REL A

Course Number
336

Teaching Area
REL A

Course Title
The Book of Mormon as Sacred Literature

Course Description
This course approaches the Book of Mormon as sacred literature. Students learn to analyze and write about the text in ways that deepen understanding and appreciation of its spiritual power through its inspired literary form.

Department
Ancient Scripture

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ANY of the following Courses:

- REL A 275 - Teachings and Doctrine of the Book of Mormon
  OR REL A 121 - The Book of Mormon
  OR REL A 122 - The Book of Mormon

REL A 392R - Special Topics in the Old Testament

Course Information

Teaching Area (new)
REL A

Course Number
392R

Teaching Area
REL A

Course Title
Special Topics in the Old Testament

Course Description
An in-depth study of the Old Testament's origins and major teachings.

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- REL A 300 - The Old Testament
  OR REL A 301 - The Old Testament
  OR REL A 302 - The Old Testament
  OR REL A 309R - Old Testament Studies

REL A 392R - Special Studies in Religion: Ancient Scripture

Course Information

Teaching Area (new)
REL A

Course Number
392R

Teaching Area
REL A

Course Title
Special Studies in Religion: Ancient Scripture

Course Description
Topical studies in religion based on student interest and teacher expertise.

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Specificity

Tags
205956, 0

Learning Outcome
Students will demonstrably learn relevant doctrine, principles and/or history of a specific aspect

REL A 392R - Special Topics in the New Testament

Course Information

Teaching Area (new)
REL A

Course Number
392R

Teaching Area
REL A

Course Title
Special Topics in the New Testament

Course Description
An in-depth study of an aspect of the New Testament's origins and major teachings.

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ANY of the following Courses:

- REL A 211 - The New Testament
  OR REL A 212 - The New Testament
  OR REL A 250 - Jesus Christ and His Everlasting Gospel
  OR REL A 310R - New Testament Studies

REL A 392R - Special Topics in the Book of Mormon

Course Information

Teaching Area (new)
REL A

Course Number
392R

Teaching Area
REL A

Course Title
Special Topics in the Book of Mormon

Course Description
In-depth study of the Book of Mormon's origins and major teachings.

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

REL A 397R - Jerusalem Center Field Studies 2 (Sites and Scriptures)

Course Information

Course Number
397R

Teaching Area
REL A

Course Title
Jerusalem Center Field Studies 2 (Sites and Scriptures)

Course Description
Field work and instruction at important sites in the Holy Land, emphasizing the geography, history, and scriptural significance of each location.

Department
Ancient Scripture

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
80

Lab Hours

Fixed:
80

Note
This course, together with the new NES 396R, will better reflect the total number of contact hours that students spend on site. This course will require concurrent enrollment in Rel A 309R and Rel A 310R.

Learning Outcomes

Title
Jerusalem Center Field Trips

Learning Outcome
Recognize and relate the significance of biblical narratives, historical events, and lived experiences to the historical and archaeological sites visited during the semester.

Title
Geographic Context

Learning Outcome
Identify major geographic features of Jerusalem and other Holy Land sites, recognizing major topographic divisions of the region and explaining their influence on scriptural events.

Title
Cultural Context

Learning Outcome
Explain how the material cultures of the civilizations of the Holy Land helped shape the lives of the people of the Old and New Testaments.

Title
Historical Context

Learning Outcome
Explain how the biblical narrative and historical developments shaped the experiences of the peoples of the Holy Land, drawing on the historical and archaeological context of the sites visited during the semester.

Title
Scriptural Significance

Learning Outcome
1. Reflect on how one's approach to scripture study has changed because of the Jerusalem Center experience. 2. Use what has been learned about the geographic and cultural settings of the Old and New Testament to generate new strategies for scripture study.

REL A 510R - Special Topics in Ancient Scripture

Course Information

Teaching Area (new)
REL A

Course Number
510R

Teaching Area
REL A

Course Title
Special Topics in Ancient Scripture

Course Description
Subjects and questions typically addressed by Church Educational System instructors

Department
Ancient Scripture

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Graduate standing and instructor's consent

Note
No more than 3 hours may apply toward a graduate degree.

REL C 100 - Introduction to The Church of Jesus Christ of Latter-day Saints

Course Information

Teaching Area (new)
REL C

Course Number
100

Teaching Area
REL C

Course Title
Introduction to The Church of Jesus Christ of Latter-day Saints

Course Description
Introduction to the doctrines, history, and practices of The Church of Jesus Christ of Latter-day Saints for students who are not members of the church.

Department
Church History and Doctrine

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
It is strongly recommended that this course be taken the first semester at BYU by those who are not members of The Church of Jesus Christ of Latter-day Saints.

Learning Outcomes

Title
Factual

Tags
206140, 1

Learning Outcome
Students will gain understanding and know the key doctrines and revelations, people and history, culture and practices of The Church of Jesus Christ of Latter-day Saints.

Title
Conceptual

Tags
206141, 2

Learning Outcome
Students will be able to analyze, evaluate, and write about the key doctrines, history, culture, and practices of the LDS Church.

Title
Spiritual

Tags
206142, 3

Learning Outcome
Students will learn how Mormons "by study and also by faith" come to know of the truthfulness of the Restoration and the reality of the risen Lord.

Title
Application

Tags
206143, 4

Learning Outcome
Students will be able to explain the foundational doctrines and historical events of the Restoration and their relevance in the modern Church. In addition, students will attend and become familiar with the meetings and programs of the LDS Church.

REL C 130 - Missionary Preparation

Course Information

Teaching Area (new)
REL C

Course Number
130

Teaching Area
REL C

Course Title
Missionary Preparation

Course Description
Focuses upon the purpose, skills, and doctrines of missionary work and prepares prospective missionaries for a more meaningful MTC and mission experience.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Recommended for all prospective missionaries. This class may not be taken or retaken by returned missionaries or non-LDS students. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Spiritual Learning

Tags
207031, 3

Learning Outcome

You will understand and seek to develop the attributes of Christ as found in Chapter 6 of Preach My Gospel.
You will enhance your knowledge of the doctrine through focused study of God's revealed word to both modern and ancient prophets, with a special emphasis on the Book of Mormon.

Title
Factual Learning

Tags
207032, 1

Learning Outcome

You will understand the restored gospel of Jesus Christ and associated doctrine and principles related to missionary work revealed by God through prophets, seers, and revelators.
You will understand the divine purpose of missionary work and the blessings associated with it.

Title
Conceptual Learning

Tags
207033, 2

Learning Outcome

You will learn and practice skills that will improve missionary effectiveness such as effective gospel study, planning and goal setting, time management, and teaching and extending invitations to others.
You will create lesson outlines to teach the restored gospel of Jesus Christ more effectively to others.

Title
Application Learning

Tags
207035, 4

Learning Outcome

You will be able to teach the missionary lessons effectively to members of the Church and to those who are not members.
You will understand revealed doctrine and principles in a way that enables you to apply the doctrine and principles in your own life.

REL C 200 - The Eternal Family

Course Information

Teaching Area (new)
REL C

Course Number
200

Teaching Area
REL C

Course Title
The Eternal Family

Course Description
Devoted to teachings on the Plan of Redemption and the central role of the family in that plan. The doctrine of the family is explored as it is taught throughout the standard works and in "The Family: A Proclamation to the World," as well as through the temple and saving ordinances and covenants.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Factual

Tags
206163, 1

Learning Outcome
Students will be enabled and inspired to understand, explain, promote, and defend the doctrine of the family.

Title
Conceptual

Tags
206164, 2

Learning Outcome
Students will be prepared to evaluate questions and sources of information regarding the family in the light of scriptural and prophetic teachings.

Title
Spiritual

Tags
206165, 3

Learning Outcome
Students will increase their understanding and testimony of the central role of the family in the plan of salvation as taught in the scriptures and the words of modern prophets-particularly "The Family: A Proclamation to the World."

Title
Application

Tags
206166, 4

Learning Outcome
Students will be enabled to follow the Holy Spirit as they apply the truths learned in this course to their own marriage preparation and eternal families.

REL C 225 - Foundations of the Restoration

Course Information

Teaching Area (new)
REL C

Course Number
225

Teaching Area
REL C

Course Title
Foundations of the Restoration

Course Description
The calling and doctrinal contributions of Joseph Smith as well as the significance of modern scripture including key sections of the Doctrine and Covenants. Also includes the establishment, organization, doctrine, and practices of the Church today.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Conceptual

Tags
206135, 6

Learning Outcome
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material.

Title
Factual

Tags
206167, 5

Learning Outcome
Students will know key people, places, events, contexts, revelations, and doctrine related to the restoration of the gospel.

Title
Spiritual

Tags
206168, 7

Learning Outcome
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith, the restoration of the gospel, and the succession and continuation of prophetic authority.

Title
Application

Tags
206169, 8

Learning Outcome
Students will be able to explain foundational doctrinal developments and historical events of the restoration and their relevance.

REL C 261 - Introduction to Family History (Genealogy)

Course Information

Teaching Area (new)
REL C

Course Number
261

Teaching Area
REL C

Course Title
Introduction to Family History (Genealogy)

Course Description
Introduction to the doctrinal significance, necessary skills, and available resources dealing with family history and genealogy.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
This course is now being taught as HIST 205 and fulfills elective religion hours.

Learning Outcomes

Title
Factual: Family History Research

Tags
206144, 2

Learning Outcome
Be able to identify family history research problems and frame appropriate research questions.
Know the best methods for tackling a family history research problem.
Learn how to properly document your research.
Know how to use a personal family history database program.
Be familiar with the major genealogical web sites.

Title
Conceptual: Doctrine of Family History

Tags
206145, 3

Learning Outcome
Learn and be able to explain the scriptural and doctrinal basis for family history work.
Learn the different ways that you can contribute to family history and genealogical work.

Title
Application: Preparing Family Names for the Temple

Tags
206146, 4

Learning Outcome
Learn how toenter genealogical data, photos, and stories into FamilySearch.
Learn how to determine which persons need temple ordinances.
Learn how to submit names for temple ordinances.

REL C 320 - The Doctrine and Covenants

Course Information

Course Number
320

Teaching Area
REL C

Course Title
The Doctrine and Covenants

Course Description
The purpose of this course is to better hear the voice of the Lord and understand His word through studying the entire text of the Doctrine and Covenants. Major doctrinal concepts and themes will be explored through carefully analyzing each revelation in the book.

Department
Church History and Doctrine

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Rel C 225

Type
Prerequisite

Rel C 225

Complete ALL of the following Courses:
- REL C 225 - Foundations of the Restoration

Learning Outcomes

Title
Spiritual

Learning Outcome
Recognize the voice of the Lord and interpret relevant meaning from His words in the Doctrine and Covenants.

Title
Conceptual

Learning Outcome
Identify multiple aspects of the Lord's character, teachings, commands, and divine promises in the Doctrine and Covenants.

Title
Factual

Learning Outcome
Identify and explain major doctrines and themes by studying the entire text of the Doctrine and Covenants.

Title
Application

Learning Outcome
Interpret, analyze, and apply the teachings from the Doctrine and Covenants in our lives today.

REL C 321 - Church History Field Studies: New England, New York and Pennsylvania

Course Information

Teaching Area (new)
REL C

Course Number
321

Teaching Area
REL C

Course Title
Church History Field Studies: New England, New York and Pennsylvania

Course Description
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines, and people relevant to the unfolding restoration of the LDS Church in New England, New York, and Pennsylvania from the early 1600s until 1831.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Associated fees.

REL C 322 - Field Studies in Ohio and Missouri

Course Information

Teaching Area (new)
REL C

Course Number
322

Teaching Area
REL C

Course Title
Field Studies in Ohio and Missouri

Course Description
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines and people relevant to the unfolding restoration of the LDS Church in Ohio and Missouri from 1830 to 1839.

Department
Church History and Doctrine

When Taught
Spring and Summer Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Associated fees.

REL C 323 - Field Studies in Nauvoo, IL

Course Information

Teaching Area (new)
REL C

Course Number
323

Teaching Area
REL C

Course Title
Field Studies in Nauvoo, IL

Course Description
Experiential learning course that offers an on-site study of historical events, foundational revelations, doctrines, and people relevant to the unfolding restoration of the LDS Church in Illinois and Iowa from early 1839 to 1847.

Department
Church History and Doctrine

When Taught
Spring and Summer Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Associated fees.

REL C 324 - The Doctrine and Covenants

Course Information

Teaching Area (new)
REL C

Course Number
324

Teaching Area
REL C

Course Title
The Doctrine and Covenants

Course Description
Origin, content, and teachings of the Doctrine and Covenants. Covers Sections 1 through 76.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Factual

Tags
206155, 1

Learning Outcome
Students will know key people, places, events, contexts, revelations, and doctrine related to Doctrine and Covenants 1-76.

Title
Conceptual

Tags
206156, 2

Learning Outcome
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material in Doctrine and Covenants 1-76.

Title
Spiritual

Tags
206157, 3

Learning Outcome
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith and the restoration of the gospel.

Title
Application

Tags
206158, 4

Learning Outcome
Students will develop the capacity to study D&C 1-76 in historical context, identify gospel truths, and explain their application.

REL C 325 - The Doctrine and Covenants

Course Information

Teaching Area (new)
REL C

Course Number
325

Teaching Area
REL C

Course Title
The Doctrine and Covenants

Course Description
Origin, content, and teachings of the Doctrine and Covenants. Covers Sections 77 through Official Declaration 2.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Conceptual

Tags
206159, 2

Learning Outcome
Students will be able to analyze and evaluate the validity and reliability of historical and doctrinal source material.

Title
Application

Tags
206160, 4

Learning Outcome
Students will develop the capacity to study D&C 77 through Official Declaration 2 in historical context, identify gospel truths, and explain their application.

Title
Spiritual

Tags
206161, 3

Learning Outcome
Students will learn "by study and also by faith" how to develop greater faith in Jesus Christ, and a testimony of the prophetic calling of Joseph Smith and the restoration of the gospel.

Title
Factual

Tags
206162, 1

Learning Outcome
Students will know key people, places, events, contexts, revelations, and doctrine related to Doctrine & Covenants 77 through Official Declaration 2.

REL C 333 - The Living Prophets

Course Information

Teaching Area (new)
REL C

Course Number
333

Teaching Area
REL C

Course Title
The Living Prophets

Course Description
Doctrines, administration, backgrounds, and current teachings of the living prophets, seers, and revelators.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Discern between teachings of Current Leadership

Tags
205968, 10

Learning Outcome
Students will demonstrably discern the doctrines, instruction, and counsel of current members of the First Presidency and Quorum of Twelve Apostles

Title
Report on Current Leadership

Tags
206000, 7

Learning Outcome
Students will find and report on teachings of current members of the First Presidency and Quorum of Twelve Apostles

Title
Identify Current Leadership

Tags
206007, 3

Learning Outcome
Students will demonstrably identify, gather, and analyze biographical information of current members of the First Presidency and Quorum of Twelve Apostles

Title
Identification

Tags
206019, 1

Learning Outcome
Students will accurately identify specific LDS doctrines, organization, government, and perspectives related to current members of the First Presidency and Quorum of Twelve Apostles

Title
Articulating Current Leadership Doctrines

Tags
206134, 2

Learning Outcome
Students will accurately articulate LDS doctrines and perspectives as articulated by current or recent members of the First Presidency and Quorum of Twelve Apostles.

REL C 341 - Joseph Smith and the Restoration, 1805-1845

Course Information

Teaching Area (new)
REL C

Course Number
341

Teaching Area
REL C

Course Title
Joseph Smith and the Restoration, 1805-1845

Course Description
Life and ministry of the Prophet Joseph Smith, coming forth of the Book of Mormon, organization of the church, foundational revelations, building the Kirtland Temple, Missouri persecutions, establishment of Nauvoo, and events leading to the Martyrdom.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Historical Record

Tags
205978, 4

Learning Outcome
Students will gain experience with the historical record of early LDS history

Title
Overview

Tags
206063, 1

Learning Outcome
Students will learn the history of the Church of Jesus Christ of Latter-day Saints, with emphasis on the restoration of knowledge, power, and doctrine, during the lifetime of Joseph Smith (1805-1844)

Title
Events and Movements

Tags
206064, 1

Learning Outcome
Students will demonstrably remember and analyze events and movements of LDS history between 1805-1844 in New England, New York, Pennsylvania, Ohio, Missouri, Illinois, Great Britain, Palestine, and the Pacific Isles.

Title
Participants

Tags
206065, 2

Learning Outcome
Students will demonstrably remember participants in early LDS history and analyze their contributions.

Title
Geography

Tags
206066, 3

Learning Outcome
Students will demonstrably remember the geography of early LDS history

Title
Historical Relationships

Tags
206067, 5

Learning Outcome
Students will relate early LDS history to larger historical contexts and patterns

Title
Cause and Effect

Tags
206068, 6

Learning Outcome
Students will examine and explain change over time and causes and effects as they relate to early LDS history

REL C 342 - The Church in the West: Pioneers, Conflict, and Growth, 1846-1899

Course Information

Teaching Area (new)
REL C

Course Number
342

Teaching Area
REL C

Course Title
The Church in the West: Pioneers, Conflict, and Growth, 1846-1899

Course Description
Exodus from Nauvoo, the experience of Latter-day Saint pioneers crossing the plains, establishing Zion in the Great Basin, plural marriage and government persecution, the Manifesto, and events leading to Utah statehood.

Department
Church History and Doctrine

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Factual

Tags
214370, 0, 1, 2023-08-29 12:15:32

Learning Outcome
Students will know key people, places, events, teachings, conflicts, and contexts relating to Latter-day Saint church history between the years 1846 and 1899.

Title
Conceptual

Tags
214371, 0, 2, 2023-08-29 12:15:33

Learning Outcome
Students will be able to analyze and evaluate the validity and reliability of historical source material relating to this period of church history. Students will also be able to analyze and evaluate relevant scholarship.

Title
Spiritual

Tags
214372, 0, 3, 2023-08-29 12:15:34

Learning Outcome
Students will better appreciate "by study and also by faith" the sacrifices, dedication, and testimonies, as well as the shortcomings and failings, of the Utah pioneers. Students will also understand the process of succession and the continuation of prophetic authority.

Title
Application

Tags
214373, 0, 4, 2023-08-29 12:15:35

Learning Outcome
Students will be able to explain foundational historical events and developments of the church during this period of church history and their relevance to church members today.

REL C 343 - The Modern Church, 1900 to the Present

Course Information

Teaching Area (new)
REL C

Course Number
343

Teaching Area
REL C

Course Title
The Modern Church, 1900 to the Present

Course Description
Introduction to the LDS Church in the twentieth and twenty-first centuries. Emphasis on significant developments of Church programs and structure as well as the people and events which have shaped Church history during this time period.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Overview

Tags
206182, 1

Learning Outcome
Students will learn the history of the Church of Jesus Christ of Latter-day Saints from 1901 to the present day, with emphasis on international expansion, significant developments of Church programs and structure, the Church during wartime, and the global expansion. Modern-day prophets, beginning with Pres. Lorenzo Snow and ending with Pres. Russell M. Nelson, lives and administrations will be highlighted throughout the course.

Title
Factual

Tags
206183, 2

Learning Outcome
Students will recognize, identify, discuss, and analyze events, movements, participants, in worldwide LDS history between 1900 and the present.

Title
Conceptual

Tags
206184, 3

Learning Outcome
Students will recall and interpret sources of modern LDS history, connecting modern LDS history to larger historical contexts and patterns.

Title
Spiritual

Tags
206185, 4

Learning Outcome
Students will better appreciate "by study and also by faith" the sacrifices, dedication, and testimonies of Modern Prophets, and the succession and continuation of prophetic authority. Students will acknowledge the Lord's hand in the twentieth century history of the Church of Jesus Christ of Latter-day Saints.

Title
Application

Tags
206186, 5

Learning Outcome
Students will examine and explain change over time, and causes and effects as they relate to modern LDS history. Students will also examine the prophetic teachings of the Brethren comparing them with contemporary issues facing young people today and apply those teachings to their personal lives and challenges.

REL C 344 - The Global Church

Course Information

Teaching Area (new)
REL C

Course Number
344

Teaching Area
REL C

Course Title
The Global Church

Course Description
Global LDS Church history from 1830 to the present in Britain, Europe, the Pacific, Asia, Latin America, Africa, the Near East, and other areas of the world.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Global Expansion

Tags
206020, 0

Learning Outcome
Students will learn the history of how the Church of Jesus Christ of Latter-day Saints, has expanded globally and been influenced by global developments

Title
Events and Developments

Tags
206069, 1

Learning Outcome
Students will demonstrably remember and analyze events and developments of the global aspects of LDS history

Title
Participants

Tags
206070, 2

Learning Outcome
Students will demonstrably remember participants in global LDS history and analyze their contributions.

Title
Geography

Tags
206071, 3

Learning Outcome
Students will demonstrably remember the geography of global LDS history

Title
Historical Record

Tags
206072, 4

Learning Outcome
Students will gain experience with the historical record of global LDS history

Title
Relationships with other Historical Contexts

Tags
206073, 5

Learning Outcome
Students will relate global LDS history to larger historical contexts and patterns

Title
Causes and Effects

Tags
206074, 6

Learning Outcome
Students will examine and explain change over time and causes and effects as they relate to global LDS history

REL C 350R - Religious Education in Travel-Study Settings

Course Information

Teaching Area (new)
REL C

Course Number
350R

Teaching Area
REL C

Course Title
Religious Education in Travel-Study Settings

Course Description
Travel study course that visits key sites related to the teachings and history of the restored Church.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Develop Faith in Jesus Christ

Tags
206050, 9

Learning Outcome
Students will nurture faith in Christ and his restored gospel through visiting key sites related to the teachings and history of the Church.

Title
Increase Life-long Discipleship

Tags
206052, 8

Learning Outcome
Students will deepen their discipleship of Jesus Christ through visiting key sites related to the teachings and history of the restored Church.

Title
Increasing Truth-Seeking Abilities

Learning Outcome
Students will analyze and evaluate truth claims related to the restored gospel through visiting key sites related to the teachings and history of the Church.

REL C 351 - Survey of World Religions

Course Information

Teaching Area (new)
REL C

Course Number
351

Teaching Area
REL C

Course Title
Survey of World Religions

Course Description
Explores the origins, theological doctrines, scriptural works, and religious practices of several internationally religious traditions, including Christianity, Islam, Judaism, Hinduism, Sikhism, Buddhism, Taoism, Confucianism, and Shinto. Comparisions are offered between these religions, and Latter-day Saints belief and practice.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Factual

Tags
206147, 1

Learning Outcome
Students will know founders, places of significance, important events, central texts, core beliefs and practices of the world's major religious traditions.

Title
Conceptual

Tags
206148, 2

Learning Outcome
Students will be able to recognize and articulate key historical, theological and liturgical differences between various religious traditions.

Title
Spiritual

Tags
206149, 3

Learning Outcome
Students will be able to recognize elements of truth in traditions other than their own, and will develop a greater sense of God's loving guidance and work among all who seek Him.

Title
Application

Tags
206150, 4

Learning Outcome
Students will be able to offer more informed explanations of their own religious beliefs and commitments, and engage in mutually beneficial dialogue with believers in other traditions.

REL C 352 - Survey of Christianity

Course Information

Teaching Area (new)
REL C

Course Number
352

Teaching Area
REL C

Course Title
Survey of Christianity

Course Description
An examination of the history, doctrines, and liturgical practices of the three major branches of Christianity: Roman Catholicism, Eastern Orthodoxy, and Protestantism. Comparisons are offered between these religions, and Latter-day Saint belief and practice.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Factual

Tags
206136, 1

Learning Outcome
Students will know the key individuals, places, practices, events, and doctrinal tenets of traditional Christianity.

Title
Conceptual

Tags
206137, 2

Learning Outcome
Students will be able to analyze and articulate the questions and reflections that led to the development of the various creeds and doctrines of Christianity. They will also explain the key theological differences that distinguish one major Christian group from another.

Title
Spiritual

Tags
206138, 3

Learning Outcome
Students will recognize truth in the various Christian traditions, connect their Christian identity and faith with the wider world of Christianity, and see evidence of God's loving guidance and work among all who seek Him.

Title
Application

Tags
206139, 4

Learning Outcome
Students will be able to offer more informed explanations of their own religious beliefs and commitments, and engage in mutually beneficial dialogue with believers in other Christian traditions.

REL C 353 - American Christianity and the Restored Gospel

Course Information

Teaching Area (new)
REL C

Course Number
353

Teaching Area
REL C

Course Title
American Christianity and the Restored Gospel

Course Description
History, doctrine, and practices of the major Christian faiths of America in light of the restored gospel.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Factual

Tags
206178, 1

Learning Outcome
Students will be able to identify the historical origins and beliefs of major Christian groups in the United States.

Title
Conceptual

Tags
206179, 2

Learning Outcome
Students will understand what it means to think historically, and will be able to read, discuss, and analyze primary and secondary source material. They will also come to provide informed explanations of major trends, transformations, themes, and events in the history of American Christianity.

Title
Spiritual

Tags
206180, 3

Learning Outcome
Students will learn to consider the importance of "lived religion"-how religious beliefs have motivated and shaped daily living-across various denominations over time.

Title
Application

Tags
206181, 4

Learning Outcome
Students will learn to situate Latter-day Saint beliefs and practices within the wider Christian tradition. They will also learnemploy best comparative practices, always leaving room for "holy envy."

REL C 357 - Survey of Judaism and Islam

Course Information

Teaching Area (new)
REL C

Course Number
357

Teaching Area
REL C

Course Title
Survey of Judaism and Islam

Course Description
Explores the origins, doctrines, scriptural works, history and religious practices of Judaism and Islam. Comparisons are offered between the two, and Latter-day Saint Christianity.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Factual

Tags
206174, 1

Learning Outcome
Students will be familiar with the origins, historical narrative, and central religious doctrines and practices of Judaism and Islam, as well as key historical figures and religious teachers, including, in the case of Islam, its founder Muhammad.

Title
Conceptual

Tags
206175, 2

Learning Outcome
Students will be able to discuss in detail basic differences between Orthodox, Reform, and Conservative traditions within Judaism, and between Sunni and Shi'ite traditions within Islam. Students will develop the ability to read, with understanding, sacred texts (in English translation) to understand their basic structure, theology, doctrine, and interpretations.

Title
Spiritual

Tags
206176, 3

Learning Outcome
Students will be able to recognize key elements of eternal truth, as well as significant doctrinal and practice parallels, within Judaism and Islam, and identify faith-affirming elements within the traditions studied, with the goal of developing a greater sense of God love for and guidance of all who seek Him.

Title
Application

Tags
206177, 4

Learning Outcome
Students will learn understanding of and appreciation for Jews and Muslims, the people of the religious traditions studied, and develop abilities to exchange and converse with Jews and Muslims regarding their religion in ways that are informed, respectful and mutually beneficial.

REL C 358 - Survey of Eastern Religions

Course Information

Teaching Area (new)
REL C

Course Number
358

Teaching Area
REL C

Course Title
Survey of Eastern Religions

Course Description
Introduces the history, beliefs, practices, and sacred texts of Hinduism, Janism, Buddhism, Sikhism, Confucianism, Daoism, and Shinto. Comparisons are offered between these religions, and Latter-day Saint belief and practice.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Develop mindfulness practices

Learning Outcome
Students will practice mindfulness techniques of concentration and presentness. This will map onto the SRE outcome of becoming disciples by increasing awareness of attitudes of prayer.

REL C 393R - Special Studies in Religion: Church History and Doctrine

Course Information

Teaching Area (new)
REL C

Course Number
393R

Teaching Area
REL C

Course Title
Special Studies in Religion: Church History and Doctrine

Course Description
Topical studies in religion based on student interest and teacher expertise.

Department
Church History and Doctrine

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

REL C 393R - Men and Women of Mormonism

Course Information

Teaching Area (new)
REL C

Course Number
393R

Teaching Area
REL C

Course Title
Men and Women of Mormonism

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

REL C 431 - Doctrines of the Gospel

Course Information

Teaching Area (new)
REL C

Course Number
431

Teaching Area
REL C

Course Title
Doctrines of the Gospel

Course Description
Doctrines of The Church of Jesus Christ of Latter-day Saints as taught in the scriptures and by latter-day prophets. Intended as a capstone experience to integrate doctrines and principles of the plan of salvation.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Life Choices vs. Doctrines

Tags
206076, 2

Learning Outcome
Students will discern whether their life choices are in harmony with the doctrines they understand

Title
Core Doctrines

Tags
206077, 1

Learning Outcome
Students will identify, understand, clarify, and explain core doctrines contained in the Standard Works of the Church of Jesus Christ of Latter-day Saints and taught by LDS prophets.

Title
Plan of Salvation

Tags
206078, 3

Learning Outcome
Students will explain how various aspects and principles of the plan of salvation work to bring to pass the immortality and eternal life of God's children

REL C 471 - Teaching Seminary

Course Information

Teaching Area (new)
REL C

Course Number
471

Teaching Area
REL C

Course Title
Teaching Seminary

Course Description
This course is primarily for those wishing to be considered for part-time or full-time employment with Seminaries and Institutes of Religion. REL C 471 provides an orientation for employment in religious education and prepares individuals to teach in a Christ-centered, Scripture-based, Learner-focused way. Those taking the course will be expected to participate in a teaching practicum at a local seminary during the semester.

Department
Church History and Doctrine

When Taught
Fall; Winter.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Only students who are interested in potential employment with Seminaries and Institutes should register for this class. There are no limitations as to when you can take this course during your academic experience.

Learning Outcomes

Title
Lesson Design

Tags
205971, 1

Learning Outcome
Effectively design, prepare, and teach relevant lessons that will help learners be edified as they study the scriptures.

Title
Teaching Skills

Tags
205986, 0

Learning Outcome
Acquire understanding and skills that will assist the student as they teach the scriptures in a religious education setting.

Title
Career Orientation

Tags
206008, 3

Learning Outcome
Understand the requirements for a possible career with Seminaries and Institutes

Title
Practicum

Tags
206029, 2

Learning Outcome
Demonstrate in a practicum experience proficiency of teaching principles and skills taught in the class.

REL C 510R - Special Topics in Church History and Doctrine

Course Information

Teaching Area (new)
REL C

Course Number
510R

Teaching Area
REL C

Course Title
Special Topics in Church History and Doctrine

Course Description
Subjects and questions typically addressed by Church Educational System instructors.

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
LDS Church Seminaries and Institutes personnel only

Note
No more than 3 hours may apply toward a graduate degree.

Learning Outcomes

Title
The meaning and determination of "doctrine"

Tags
205958, 0

Learning Outcome
Be able to articulate various meanings of the word doctrine and explain how Latter-day Saint doctrine is determined;

Title
Linking doctrines to Church History

Tags
206080, 1

Learning Outcome
Be able to identify and link foundational doctrines with key figures (Church leaders) and periods in the history of the LDS Church.

REL C 540R - Special Topics in Church History and Doctrine

Course Information

Teaching Area (new)
REL C

Course Number
540R

Teaching Area
REL C

Course Title
Special Topics in Church History and Doctrine

Department
Church History and Doctrine

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Graduate Readings

Tags
206031, 0

Learning Outcome
These are assigned graduate-level readings on special topics in Church History, often leading to the writing of a final paper or thesis. Papers are also often assigned, requiring students to master their particular topic and to write a publishable paper.

REL E 500 - Educational Philosophy and Values in Religious Education

Course Information

Teaching Area (new)
REL E

Course Number
500

Teaching Area
REL E

Course Title
Educational Philosophy and Values in Religious Education

Course Description
Philosophical basis and underlying values in religious education.

Department
Religious Education

When Taught
Contact Department

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Professional Development

Tags
206102, 2

Learning Outcome
Studtents will understand and be able to assume their roles and responsibilities in the world-wide effort of religious education.

Title
Foundations of weekday religious education

Tags
206103, 0

Learning Outcome

Students will be able to examine and evaluate key doctrinal, historical, and philosophical foundations of weekday religious education as taught by the ancient and latter-day prophets and by current and former Seminary & Institute and Church leaders.

Title
Establishing professional relationships

Tags
206104, 1

Learning Outcome
Students will be able to establish professional and collaborative relationships with current and former Seminary & Institute leaders through receiving in-class instruction from guest instructors and conducting out-of-class leadership interviews

REL E 501 - Scripture Teaching

Course Information

Teaching Area (new)
REL E

Course Number
501

Teaching Area
REL E

Course Title
Scripture Teaching

Course Description
Theory, methodology, and issues of scripture-based teaching in religious education.

Department
Religious Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Teaching effectively

Tags
205951, 0

Learning Outcome
Develop the capability to teach comfortably and effectively from the Four Standard Works of the Church

Title
Working with the difficult student - in love

Tags
205989, 2

Learning Outcome
Develop the human relationship skills so as to know how to love and relate with difficult students.

Title
Teaching by the Spirit

Tags
206054, 1

Learning Outcome
Show competence in teaching the scriptures from the Spirit and in such a way as to affect positive change in high school students

REL E 595 - Research Methods in Religious Education

Course Information

Teaching Area (new)
REL E

Course Number
595

Teaching Area
REL E

Course Title
Research Methods in Religious Education

Course Description
Methodology in and resources for research in the four areas of focus: Church History and Doctrine, Old Testament, New Testament, and Book of Mormon.

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Research and Writing Skills

Tags
206109, 2

Learning Outcome
Students will be able to demonstrate the skills of essential note-taking, footnote citations, and clarity of writing requisite for writing graduate-level research papers

Title
Document Analysis Skills

Tags
206110, 3

Learning Outcome
Students will be able to write a graduate level document analysis paper.

Title
Bibliographic Essay Skills

Tags
206111, 4

Learning Outcome
Students will be able to write a graduate level bibliographical essay.

Title
Scholarly and Critical Thinking Skills

Tags
206112, 1

Learning Outcome
Students will be able to think and discuss critically and scholarly about church history and doctrine, yet do so in a "household of faith."

REL 101R - Religion Waiver

Course Information

Teaching Area (new)
REL

Course Number
101R

Teaching Area
REL

Course Title
Religion Waiver

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

Learning Outcomes

Title
Rel 101R

Tags
206082, 1

Learning Outcome
This is course is used for transfer credits from other institutions.

REL 102R - Religion Waiver

Course Information

Teaching Area (new)
REL

Course Number
102R

Teaching Area
REL

Course Title
Religion Waiver

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

Learning Outcomes

Title
transfer credit

Tags
206083, 1

Learning Outcome
This course is used for transfer credits from other institutions.

REL 103R - Religion Waiver

Course Information

Teaching Area (new)
REL

Course Number
103R

Teaching Area
REL

Course Title
Religion Waiver

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

Learning Outcomes

Title
Transfer Credit

Tags
206084, 1

Learning Outcome
This course is used for transfer credit from another institution.

REL 104R - Religion Waiver

Course Information

Teaching Area (new)
REL

Course Number
104R

Teaching Area
REL

Course Title
Religion Waiver

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Note
Use for transfer credit only.

Learning Outcomes

Title
Transfer Credit

Tags
206085, 1

Learning Outcome
This course is used for transfer credit from another institution.

ROM 100 - Language Study: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
100

Teaching Area
ROM

Course Title
Language Study: Romanian

Course Description
Survival-level conversation, reading, listening, and culture skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197327, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197328, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197329, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

ROM 101 - First-Year Romanian, Part 1

Course Information

Teaching Area (new)
ROM

Course Number
101

Teaching Area
ROM

Course Title
First-Year Romanian, Part 1

Course Description
Beginning speaking, listening, reading, and writing skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Comprehension

Tags
193258, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193267, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193275, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193284, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ROM 102 - First-Year Romanian, Part 2

Course Information

Teaching Area (new)
ROM

Course Number
102

Teaching Area
ROM

Course Title
First-Year Romanian, Part 2

Course Description
Second-semester speaking, listening, reading, and writing skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Learning Outcomes

Title
Speaking

Tags
193292, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193302, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193309, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193318, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

ROM 201 - Second-Year Romanian

Course Information

Teaching Area (new)
ROM

Course Number
201

Teaching Area
ROM

Course Title
Second-Year Romanian

Course Description
Intermediate speaking, listening, reading, and writing skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Other Prerequisites
Rom 102 or equivalent experience

Learning Outcomes

Title
Vocabulary

Tags
193326, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193335, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193344, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193353, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

ROM 202 - Second-Year Language Study: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
202

Teaching Area
ROM

Course Title
Second-Year Language Study: Romanian

Course Description
Continued emphasis on Romanian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ROM 201 - Second-Year Romanian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197320, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197322, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197324, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197325, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ROM 211R - Second-Year Romanian Conversation

Course Information

Teaching Area (new)
ROM

Course Number
211R

Teaching Area
ROM

Course Title
Second-Year Romanian Conversation

Course Description
Intermediate listening comprehension and speaking skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Rom 102 or equivalent experience

Learning Outcomes

Title
Conversations

Tags
193363, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193383, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194896, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

ROM 305 - Language Skills Development: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
305

Teaching Area
ROM

Course Title
Language Skills Development: Romanian

Course Description
Increasing proficiency in one or more of the following Romanian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197316, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197317, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197318, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

ROM 311R - Third-Year Romanian Conversation

Course Information

Teaching Area (new)
ROM

Course Number
311R

Teaching Area
ROM

Course Title
Third-Year Romanian Conversation

Course Description
Advanced conversational skills in Romanian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Rom 211R or equivalent experience

Learning Outcomes

Title
Organized Speech

Tags
193379, 2

Learning Outcome
Begin to speak in "oral paragraphs."

Title
Strategies

Tags
193380, 3

Learning Outcome
Apply appropriate strategies to deal with unpredictable language situations.

Title
Conversations

Tags
193382, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities and current events; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions

Title
Pronunciation and Accuracy

Tags
193384, 4

Learning Outcome
Be understood by native speakers unaccustomed to dealing with non-native speakers.

ROM 321 - Advanced Grammar: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
321

Teaching Area
ROM

Course Title
Advanced Grammar: Romanian

Course Description
Advance your Romanian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197313, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197314, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197315, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
330

Teaching Area
ROM

Course Title
Advanced Language Proficiency Through Cultural Studies: Romanian

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Rom 202 or equivalent

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197309, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197310, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197311, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197312, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

ROM 340 - Introduction to Romanian Literature and Culture

Course Information

Teaching Area (new)
ROM

Course Number
340

Teaching Area
ROM

Course Title
Introduction to Romanian Literature and Culture

Course Description
Explore Romanian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
May fulfill the Languages of Learning and Global & Cultural Awareness GE requirements.

Learning Outcomes

Title
Language Skills

Tags
192356, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

Title
Context

Tags
192357, 2

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Key Characteristics

Tags
192358, 1

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Recognize and Analyze

Tags
194897, 0

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

ROM 350 - Advanced Language Study for Career Purposes: Romanian

Course Information

Teaching Area (new)
ROM

Course Number
350

Teaching Area
ROM

Course Title
Advanced Language Study for Career Purposes: Romanian

Course Description
Concentration on Romanian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ROM 330 - Advanced Language Proficiency Through Cultural Studies: Romanian

Learning Outcomes

Title
Defined Career Purposes

Tags
197304, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197305, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197306, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197307, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197308, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

RUSS 101 - First-Year Russian, Part 1

Course Information

Teaching Area (new)
RUSS

Course Number
101

Teaching Area
RUSS

Course Title
First-Year Russian, Part 1

Course Description
Listening, speaking, reading, writing, grammar, and culture.

Department
German and Russian

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Learning Outcomes

Title
Cultural Navigation

Tags
192592, 1

Learning Outcome
Students will identify products and practices that help them understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communication

Tags
192593, 2

Learning Outcome
Students will be able to identify the general topic and some basic information in both very familiar and everyday contexts from words, phrases, and simple sentences in texts that are spoken or written.

Title
Interpersonal Communication

Tags
192773, 3

Learning Outcome
Students will be able to participate in spontaneous spoken or written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Presentational Communication

Learning Outcome
Students will be able to share information on both very familiar and everyday topics, using a variety of practiced or memorized words, phrases, and simple sentences through spoken or written language

RUSS 102 - First-Year Russian, Part 2

Course Information

Teaching Area (new)
RUSS

Course Number
102

Teaching Area
RUSS

Course Title
First-Year Russian, Part 2

Course Description
Listening, speaking, reading, writing, grammar, and culture.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Cultural Navigation

Tags
192601, 1

Learning Outcome
Students will identify products and practices that help them understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communication

Tags
192602, 3

Learning Outcome
Students will be able to identify the general topic and some basic information in both very familiar and everyday contexts from words, phrases, and simple sentences in texts that are spoken or written.

Title
Interpersonal Communication

Tags
192603, 4

Learning Outcome
Students will be able to participate in spontaneous spoken or written conversations on both very familiar and everyday topics, using words, phrases, simple sentences, and questions.

Title
Presentational Communication

Learning Outcome
Students will be able to share information on both very familiar and everyday topics, using a variety of practiced or memorized words, phrases, and simple sentences through spoken or written language

RUSS 105 - Russian for Speakers of Other Slavic Languages

Course Information

Course Number
105

Teaching Area
RUSS

Course Title
Russian for Speakers of Other Slavic Languages

Course Description
Intensive course designed for students fluent in a Slavic language. No previous knowledge of Russian required. Development of listening, speaking, reading, writing, grammar, and culture.

Department
German and Russian

When Taught
Winter

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Recommended
Knowledge of another Slavic language or some prior experience with Russian

Note
For students with an extensive background in a Slavic language or heritage speakers of Russian. Native Russian speakers and Russian-speaking returned missionaries should not take this course.

Learning Outcomes

Title
Interpretive Communication

Tags
214402, 0, 1, 2023-08-29 12:18:05

Learning Outcome
Understand the main idea and some pieces of information on familiar topics from sentences and series of connected sentences within written or spoken texts.

Title
Interpersonal Communication

Tags
214403, 0, 2, 2023-08-29 12:18:07

Learning Outcome
Participate in spontaneous written or spoken conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

Title
Presentational Communication

Tags
214404, 0, 3, 2023-08-29 12:18:08

Learning Outcome
Communicate information, make presentations, and express thoughts about familiar topics, using sentences and series of connected sentences through spoken or written language.

Title
Grammatical Accuracy

Tags
214405, 0, 4, 2023-08-29 12:18:10

Learning Outcome
Understand and apply basic grammar concepts correctly when focused on accuracy.

Title
Intercultural Competence

Tags
214406, 0, 5, 2023-08-29 12:18:12

Learning Outcome
Make comparisons between Russian and U.S. cultural products and practices to better understand the underlying perspectives.

RUSS 199R - Academic Internship

Course Information

Teaching Area (new)
RUSS

Course Number
199R

Teaching Area
RUSS

Course Title
Academic Internship

Course Description
On-the-job experience evaluated by supervisor and posted on student's transcript. Report required

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Department chair's and internship coordinator's consent

Note
NOTE: Not applicable to major or minor. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
192750, 0

Learning Outcome
Student combines knowledge gained from the Russian curriculum with an internship experience in a related field, preferably connected to the second major or minor.

RUSS 201 - Second-Year Russian, Part 1

Course Information

Teaching Area (new)
RUSS

Course Number
201

Teaching Area
RUSS

Course Title
Second-Year Russian, Part 1

Course Description
Reading, listening, writing, conversation, vocabulary building, and review of grammar.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Russ 102 or instructor's consent, based on prior Russian language experience

Note
Russian-speaking returned missionaries should register for Russian 330 rather than Russian 201.

Learning Outcomes

Title
Cultural Navigation

Learning Outcome
Students will be able to compare products and practices to understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communication

Learning Outcome
Students will be able to understand the main idea and some related pieces of information on familiar topics from sentences and series of connected sentences in texts that are spoken or written.

Title
Interpersonal Communication

Learning Outcome
Students will be able to interact in spontaneous spoken or written conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

Title
Presentational Communication

Learning Outcome
Students will be able to provide information and express thoughts about familiar topics, creating sentences and series of connected sentences through spoken or written language.

RUSS 202 - Second-Year Russian, Part 2

Course Information

Teaching Area (new)
RUSS

Course Number
202

Teaching Area
RUSS

Course Title
Second-Year Russian, Part 2

Course Description
Reading, listening, writing, conversation, vocabulary building, and review of grammar.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
Russ 201 or instructor's consent

Note
Culminating course for Languages of Learning requirement. Russian-speaking returned missionaries should enroll in Russian 330.

Learning Outcomes

Title
Cultural Navigation

Tags
192609, 2

Learning Outcome
Students will be able to compare products and practices to understand perspectives from a variety of cultures and communities, including their own.

Title
Interpretive Communication

Tags
192610, 3

Learning Outcome
Students will be able to understand the main idea and some related pieces of information on familiar topics from sentences and series of connected sentences in texts that are spoken or written.

Title
Interpersonal Communication

Tags
192611, 6

Learning Outcome
Students will be able to interact in spontaneous spoken, written, or signed conversations on familiar topics, creating sentences and series of sentences to ask and answer a variety of questions.

Title
Presentational Communication

Learning Outcome
Students will be able to provide information and express thoughts about familiar topics, creating sentences and series of connected sentences through spoken or written language.

RUSS 211 - Second-Year Conversation

Course Information

Teaching Area (new)
RUSS

Course Number
211

Teaching Area
RUSS

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Russ 201 or foreign residence experience

Note
Offered only as credit by examination upon completion of Russ 330 (maximum 1 hour) or through Study Abroad experience in Russian (1-5 hours).

Learning Outcomes

Title
Conversation

Tags
192748, 0

Learning Outcome
Student increases oral proficiency through directed conversation practice and vocabulary building.

RUSS 301 - Intermediate Russian on Study Abroad

Course Information

Teaching Area (new)
RUSS

Course Number
301

Teaching Area
RUSS

Course Title
Intermediate Russian on Study Abroad

Course Description
Grammar and composition, case government, listening and speaking skills.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 202 - Second-Year Russian, Part 2

Learning Outcomes

Title
Intrmed Russian Study Abroad

Tags
192764, 0

Learning Outcome
This course is offered only on study abroad. It focuses primarily on the formal elements of the Russian language and aims to help homegrown students bridge the gap between themselves and Russian RMs.1. Study the fundamentals of Russian grammar2. Write descriptive and narrative compositions aimed at improving command of Russian3. Read short texts designed to supply content for writing composition and class discussion(Russian Section Learning Outcomes 1, 3 and 4) http://germslav.byu.edu/russian/learning-outcomes/

RUSS 302 - Intermediate Russian Part 1

Course Information

Teaching Area (new)
RUSS

Course Number
302

Teaching Area
RUSS

Course Title
Intermediate Russian Part 1

Course Description
Integration of different aspects of language learning including speaking, listening, reading, writing, and culture. Geared toward "high-intermediate" language learner without extensive experience abroad.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0.5

Recommended
RUSS 202.

RUSS 303 - Intermediate Russian Part 2

Course Information

Teaching Area (new)
RUSS

Course Number
303

Teaching Area
RUSS

Course Title
Intermediate Russian Part 2

Course Description
Integration of different aspects of language learning including speaking, listening, reading, writing, and culture. Geared toward "high-intermediate" language learner without extensive experience abroad.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0.5

Recommended
RUSS 202.

RUSS 311R - Advanced Conversation

Course Information

Teaching Area (new)
RUSS

Course Number
311R

Teaching Area
RUSS

Course Title
Advanced Conversation

Course Description
Building vocabulary and developing skills needed to exceed assessed proficiency rating.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
5

Other Prerequisites
Russ 211R or equivalent experience.

Learning Outcomes

Title
Conversation

Tags
192825, 1

Learning Outcome
Students will demonstrate an advanced level conversation.

RUSS 321 - Third-Year Russian Part 1

Course Information

Teaching Area (new)
RUSS

Course Number
321

Teaching Area
RUSS

Course Title
Third-Year Russian Part 1

Course Description
Grammar and composition, case government, listening and speaking skills.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Russ 202 or equivalent

Learning Outcomes

Title
Grammar

Tags
192612, 1

Learning Outcome
This two-course series focuses primarily on the formal elements of the Russian language and aims to improve students' command of it in the following three ways:
1. grammar, considerable focus on the structure of Russian and fundamentals of grammar

Title
Writing

Tags
192613, 2

Learning Outcome
2. writing, descriptive and narrative writing compositions aimed at improving command of one's language

Title
Reading

Tags
192614, 5

Learning Outcome
3. reading, short texts designed to supply content for writing composition and class discussion

RUSS 322 - Third-Year Russian Part 2

Course Information

Teaching Area (new)
RUSS

Course Number
322

Teaching Area
RUSS

Course Title
Third-Year Russian Part 2

Course Description
Grammar and composition, case government, listening and speaking skills.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Russ 202 or equivalent

Learning Outcomes

Title
Grammar

Tags
192615, 1

Learning Outcome
This two-course series focuses primarily on the formal elements of the Russian language and aims to improve students' command of it in the following three ways:
1. grammar, considerable focus on the structure of Russian and fundamentals of grammar

Title
Writing

Tags
192616, 2

Learning Outcome
2. writing, descriptive and narrative writing compositions aimed at improving command of one's language

Title
Reading

Tags
192617, 5

Learning Outcome
3. reading, short texts designed to supply content for writing composition and class discussion

RUSS 323 - Russian Phonology and Morphology

Course Information

Teaching Area (new)
RUSS

Course Number
323

Teaching Area
RUSS

Course Title
Russian Phonology and Morphology

Course Description
Perfecting speaking and listening skills through phonetics and applied speaking and listening techniques. Better understanding and using the structures of Russian through studying morphology and historical phonology.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 321 - Third-Year Russian Part 1

Learning Outcomes

Title
Phonetics and Phonology

Tags
192618, 1

Learning Outcome
1. Learn the basics of the Russian sound system (phonetics and phonology).

Title
Inflectional and Derivational Morphology and Historical Phonology

Tags
192619, 2

Learning Outcome
2. Learn the basics of Russian inflectional and derivational morphology and historical phonology in order to better understand the way the Russian language functions as a system.

Title
Improving Pronunciation and Listening Comprehension

Tags
192620, 5

Learning Outcome
3. Use new knowledge of the way the sounds of the Russian language are produced and the way they interact to improve pronunciation and listening comprehension.

Title
Improve Language Use

Tags
192621, 7

Learning Outcome
4. Use knowledge of the structures of Russian to help students master the details of conjugation, declension and derivation. (Improve language use)

RUSS 330 - Cultural History of Russia

Course Information

Teaching Area (new)
RUSS

Course Number
330

Teaching Area
RUSS

Course Title
Cultural History of Russia

Course Description
Culture, with listening, speaking, reading, writing, and grammar as secondary emphases.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Russ 202 or foreign residence experience

Note
Required course for obtaining language credit by examination (Russ 101, 102, 201, 211R); exam instructions provided after course begins. Culminating course for Languages of Learning requirement. Includes International Cinema.

Learning Outcomes

Title
Cultural History

Tags
192622, 2

Learning Outcome
1. Identify the main periods, figures, and achievements of Russian cultural history.

Title
Cultural Sensitivity

Tags
192623, 4

Learning Outcome
2. Demonstrate sensitivity to cultural difference generally and, more specifically, to differences between their own culture and that of Russian.

Title
Essays

Tags
192624, 6

Learning Outcome
3. Write essays characterized by good organization, coherent development.

RUSS 340 - Masterpieces of the Russian Novel in English

Course Information

Teaching Area (new)
RUSS

Course Number
340

Teaching Area
RUSS

Course Title
Masterpieces of the Russian Novel in English

Course Description
Survey of Russian novels by such authors as Pushkin, Tolstoy, Dostoevsky, and Pasternak.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading

Tags
192625, 1

Learning Outcome
The design of this course is to introduce students to some of the most important works of Russian literature. Our aim is for the student to be able to explain the trends and characteristics of the Classic Russian Novel and illustrate them with examples from the assigned readings. To help the student realize this objective, we focus our attention on three areas:
1. Reading:Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for literature.

Title
Writing

Tags
192626, 2

Learning Outcome
2. Writing: Writing both in and outside of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence.

Title
Student Interaction

Tags
192627, 5

Learning Outcome
3. Significant Student Interaction: Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the concerns raised in the assigned readings.

RUSS 341 - Dostoevsky's Major Works in Translation

Course Information

Teaching Area (new)
RUSS

Course Number
341

Teaching Area
RUSS

Course Title
Dostoevsky's Major Works in Translation

Course Description
Survey of Dostoevsky's major works in English translation.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading

Tags
192628, 1

Learning Outcome
The design of this course is to introduce students to the important works of Fyodor Dostoevsky. Our aim is for the student to be able to explain the key issues Dostoevsky explores in his work and illustrate them with examples from the author's novels and short stories. To help the student realize this objective, we focus our attention on three areas:
1. Reading: Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for Dostoevsky's work.

Title
Writing

Tags
192629, 2

Learning Outcome
2. Writing:Writing both in and outside of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence. Students will be able to write a research paper in the appropriate citation style.

Title
Student Interaction

Tags
192630, 3

Learning Outcome
3. Significant Student Interaction:Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the questions Dostoevsky raises in his work.

RUSS 342 - Tolstoy's Major Works in Translation

Course Information

Teaching Area (new)
RUSS

Course Number
342

Teaching Area
RUSS

Course Title
Tolstoy's Major Works in Translation

Course Description
Survey of Tolstoy's major works in English translation.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Reading

Tags
192631, 1

Learning Outcome
The design of this course is to introduce students to the important works of Lev Tolstoy. Our aim is for the student to be able to explain the key issues Tolstoy explores in his work and illustrate them with examples from the author's novels and short stories. To help the student realize this objective, we focus our attention on three areas:
1. Reading:Those responsible for course instruction choose the assigned readings (mutually agreed upon by members of the section). Students that complete the assigned readings will demonstrate a critical understanding of and appreciation for Tolstoy's work.

Title
Writing

Tags
192632, 2

Learning Outcome
2. Writing both in and out of the classroom will enable the student to develop a reasonable interpretation of a literary text and to support that interpretation with evidence. Students will be able to write a research paper in the appropriate citation style.

Title
Student Interaction

Tags
192633, 5

Learning Outcome
3. Significant Student Interaction:Class discussions are led by both the instructor and the student. Active participation in class discussions will increase the student's ability to identify and articulate the questions Tolstoy raises in his work.

RUSS 343 - Masterpieces of Russian Film

Course Information

Teaching Area (new)
RUSS

Course Number
343

Teaching Area
RUSS

Course Title
Masterpieces of Russian Film

Course Description
Background for understanding and appreciating the best of motion picture art in Russia and the Soviet Union. Includes components of critical theory essential for analyzing film. Language of instruction is English; no knowledge of Russian required.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Learning Outcomes

Title
Cultural and Historical Engagement

Tags
192634, 2

Learning Outcome
Engage with landmark Soviet and Russian films in their historical, cultural, and artistic contexts, and demonstrate the ability to analyze how these films reflect and shape cultural values.

Title
Critical Analysis

Tags
192635, 4

Learning Outcome
Critically analyze cultural and aesthetic aspects of Russian films orally and in writing.

Title
Reflective and Ethnical Writing

Learning Outcome
Develop the ability to view films thoughtfully by reflecting on the moral, spiritual, and cultural questions raised in Soviet and Russian cinema, and by considering how these works shape ways of seeing and understanding the world.

RUSS 344 - Historical Survey of Russian Arts and Letters

Course Information

Teaching Area (new)
RUSS

Course Number
344

Teaching Area
RUSS

Course Title
Historical Survey of Russian Arts and Letters

Course Description
A historical survey of Russian arts and letters, specifically visual arts, dance, music, theater, and film.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

RUSS 399R - Academic Internship

Course Information

Teaching Area (new)
RUSS

Course Number
399R

Teaching Area
RUSS

Course Title
Academic Internship

Course Description
On-the-job experience in Russian-related areas. Report required.

Department
German and Russian

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 202 - Second-Year Russian, Part 2

Other Prerequisites
department's consent

Note
NOTE: Not applicable to any Russian major or minor. NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
192745, 0

Learning Outcome
Student combines knowledge gained from the Russian curriculum with an internship experience in a related field, preferably connected to the second major or minor.

RUSS 421 - Fourth-Year Russian, Part 1

Course Information

Teaching Area (new)
RUSS

Course Number
421

Teaching Area
RUSS

Course Title
Fourth-Year Russian, Part 1

Course Description
Contemporary language and culture.

Department
German and Russian

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 321 - Third-Year Russian Part 1
  AND RUSS 322 - Third-Year Russian Part 2
  AND RUSS 330 - Cultural History of Russia

Learning Outcomes

Title
Vocabulary

Tags
192636, 1

Learning Outcome
1. Increase vocabulary and use of synonyms.

Title
Opinions and Arguments

Tags
192637, 2

Learning Outcome
2. Improve ability to state and support opinions and organize arguments.

Title
Hypothesizing

Tags
192638, 3

Learning Outcome
3. Foster ability to hypothesize in Russian.

Title
Daily Reading

Tags
192639, 6

Learning Outcome
4. Use daily reading as a method for learning vocabulary and improving language.

RUSS 422 - Fourth-Year Russian, Part 2

Course Information

Teaching Area (new)
RUSS

Course Number
422

Teaching Area
RUSS

Course Title
Fourth-Year Russian, Part 2

Course Description
The structure of Russian.

Department
German and Russian

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 321 - Third-Year Russian Part 1
  AND RUSS 322 - Third-Year Russian Part 2
  AND RUSS 330 - Cultural History of Russia

Learning Outcomes

Title
1. Language Proficiency

Tags
192640, 1

Learning Outcome
Students will be able to speak, listen, read, and write in Russian at the ACTFL Intermediate High level or better.

Title
2. Cultural Navigation

Tags
192641, 4

Learning Outcome
Students will be able to identify cultural practices (e.g., customs and traditions) and cultural products (e.g. literatures, arts, languages, institutions, and individuals) from the Russian-speaking world, place them in their historical, political, and social contexts, and analyze and interpret the unique perspectives on human experience that they reveal.

Title
3. Communication

Learning Outcome
Students will be able to communicate effectively in speech and writing in a variety of genres about topics related to Russian culture, literature, and language. Their oral and written presentations will demonstrate information literacy and synthesis, careful analysis, critical thinking, coherent argumentation, and an ability to connect with the audience.

Title
4. Lifelong Learning

Learning Outcome
Students will be able to articulate the value of their Russian major and the relationship between their academic experience, and their personal, spiritual, and professional goals.

RUSS 441 - Masterpieces of Russian Literature 1

Course Information

Teaching Area (new)
RUSS

Course Number
441

Teaching Area
RUSS

Course Title
Masterpieces of Russian Literature 1

Course Description
Survey of shorter masterpieces in Russian.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 321 - Third-Year Russian Part 1
  AND RUSS 322 - Third-Year Russian Part 2
  AND RUSS 340 - Masterpieces of the Russian Novel in English

Learning Outcomes

Title
Reading

Tags
192642, 1

Learning Outcome
1. To read in Russian mutually agreed upon poems, short stories, and plays of nineteenth-century Russian literature and understand their literary, social, historical, and religious contexts.

Title
Writing

Tags
192643, 2

Learning Outcome
2. To write essays in Russian in which students are able to formulate insightful arguments and support their ideas with detailed textual references. This written work should be characterized by good organization and a logical development of ideas.

Title
Analysis and Discussion

Tags
192644, 3

Learning Outcome
3. To analyze and discuss the literary works and the authors in Russian as the course will be taught predominantly in Russian.

RUSS 442 - Masterpieces of Russian Literature 2

Course Information

Teaching Area (new)
RUSS

Course Number
442

Teaching Area
RUSS

Course Title
Masterpieces of Russian Literature 2

Course Description
Survey of shorter masterpieces in Russian.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- RUSS 321 - Third-Year Russian Part 1
  AND RUSS 322 - Third-Year Russian Part 2
  AND RUSS 340 - Masterpieces of the Russian Novel in English

Learning Outcomes

Title
Reading

Tags
192645, 1

Learning Outcome
1. To read in Russian mutually agreed upon poems, short stories, and plays of nineteenth-century Russian literature and understand their literary, social, historical, and religious contexts.

Title
Writing

Tags
192646, 2

Learning Outcome
2. To write essays in Russian in which students are able to formulate insightful arguments and support their ideas with detailed textual references. This written work should be characterized by good organization and a logical development of ideas.

Title
Analysis and Discussion

Tags
192647, 3

Learning Outcome
3. To analyze and discuss the literary works and the authors in Russian as the course will be taught predominantly in Russian.

RUSS 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
RUSS

Course Number
477R

Teaching Area
RUSS

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
German and Russian

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

RUSS 490R - Special Studies in Russian

Course Information

Teaching Area (new)
RUSS

Course Number
490R

Teaching Area
RUSS

Course Title
Special Studies in Russian

Course Description
Variable credit for individual or group study as approved for special circumstances.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Special Studies

Tags
192749, 0

Learning Outcome
Student increases Russian language proficiency and cultural knowledge through directed independent study with a faculty member.

RUSS 492R - Senior Seminar: Passages and Conclusions

Course Information

Teaching Area (new)
RUSS

Course Number
492R

Teaching Area
RUSS

Course Title
Senior Seminar: Passages and Conclusions

Course Description
In-depth study of a limited area of literature or language. Content varies; requires research and writing.

Department
German and Russian

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- RUSS 441 - Masterpieces of Russian Literature 1

OR

Prerequisites

Complete ALL of the following Courses:
- RUSS 442 - Masterpieces of Russian Literature 2

Learning Outcomes

Title
Critical Thinking

Tags
192648, 1

Learning Outcome
This course provides a culminating undergraduate experience for students in the following three ways:
1. critical thinking, course content affords significant intellectual development and growth

Title
Russian Language

Tags
192649, 2

Learning Outcome
2. target language, the Russian language plays an integral role in the course curriculum

Title
Writing

Tags
192650, 3

Learning Outcome
3. writing, compositions that demonstrate students' critical thinking and Russian language skills

SAMOA 100 - Language Study: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
100

Teaching Area
SAMOA

Course Title
Language Study: Samoan

Course Description
Survival-level conversation, reading, listening, and culture skills in Samoan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197301, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197302, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197303, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

SAMOA 101 - First-Year Language Study: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
101

Teaching Area
SAMOA

Course Title
First-Year Language Study: Samoan

Course Description
Beginning speaking, listening, reading, and writing skills in Samoan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197297, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197298, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197299, 4

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197300, 5

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SAMOA 102 - First-Year Language Study: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
102

Teaching Area
SAMOA

Course Title
First-Year Language Study: Samoan

Course Description
Second-semester speaking, listening, reading, and writing skills in Samoan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SAMOA 101 - First-Year Language Study: Samoan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197293, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197294, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197295, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197296, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SAMOA 201 - Second-Year Language Study: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
201

Teaching Area
SAMOA

Course Title
Second-Year Language Study: Samoan

Course Description
Intermediate speaking, listening, reading, and writing skills in Samoan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SAMOA 102 - First-Year Language Study: Samoan

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197289, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197290, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197291, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197292, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

SAMOA 202 - Second-Year Language Study: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
202

Teaching Area
SAMOA

Course Title
Second-Year Language Study: Samoan

Course Description
Continued emphasis on Samoan communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SAMOA 201 - Second-Year Language Study: Samoan

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197285, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197286, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197287, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197288, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SAMOA 305 - Language Skills Development: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
305

Teaching Area
SAMOA

Course Title
Language Skills Development: Samoan

Course Description
Increasing proficiency in one or more of the following Samoan language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197282, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197283, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197284, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

SAMOA 321 - Advanced Grammar: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
321

Teaching Area
SAMOA

Course Title
Advanced Grammar: Samoan

Course Description
Advance your Samoan through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197279, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197280, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197281, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
330

Teaching Area
SAMOA

Course Title
Advanced Language Proficiency Through Cultural Studies: Samoan

Course Description
Study of Samoan culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Samoa 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197275, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197276, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197277, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197278, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SAMOA 340 - Introduction to Literature: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
340

Teaching Area
SAMOA

Course Title
Introduction to Literature: Samoan

Course Description
Explore Samoan culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197271, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197272, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197273, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197274, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

SAMOA 350 - Advanced Language Study for Career Purposes: Samoan

Course Information

Teaching Area (new)
SAMOA

Course Number
350

Teaching Area
SAMOA

Course Title
Advanced Language Study for Career Purposes: Samoan

Course Description
Concentration on Samoan language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SAMOA 330 - Advanced Language Proficiency Through Cultural Studies: Samoan

Learning Outcomes

Title
Defined Career Purposes

Tags
197266, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197267, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197268, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197269, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197270, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

SC ED 250 - Literacy and Learning for the Disciplines

Course Information

Teaching Area (new)
SC ED

Course Number
250

Teaching Area
SC ED

Course Title
Literacy and Learning for the Disciplines

Course Description
An investigation of the literacies needed to participate in the various disciplines and the support needed to learn those literacies.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify Disciplinary Texts & Literacies

Tags
206558, 2

Learning Outcome
Identify the range of texts and literacies used to communicate, reason, and participate within a specific discipline. (GE letters #1 & #2)

Title
Contrast Literacy Across Disciplines

Tags
206559, 3

Learning Outcome
Contrast the literacies necessary to participate in a discipline with those needed in different disciplines. (GE letters #1 & #2)

Title
Describe Support for Acquiring Literacies

Tags
206560, 4

Learning Outcome
Describe supports needed for individuals to gain the literacies necessary to read and write disciplinary texts. (GE letters #3)

Title
Know Theories of the Disciplines

Tags
206561, 1

Learning Outcome
Demonstrate an understanding of the theories related to disciplinary literacy (including texts, reading, writing, communicating, reasoning) and the implications of these theories for participation in disciplinary practices. (GE letters #2)

SC ED 276R - Exploration of Teaching

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Knowledge

Tags
182457, 1

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

SC ED 276R - Exploration of Teaching: Health

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Health

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Instruction

Tags
179027, 2

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

Title
Application

Tags
182456, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Theatre and Media Arts

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Theatre and Media Arts

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Issues in Education

Tags
179017, 9

Learning Outcome
Students will have a basic understanding of current issues in public education.

Tags
188867, 2

Learning Outcome
Each student will evaluate a variety of learning styles.

Tags
188891, 5

Learning Outcome
Each student will acquire confidence in their teaching talents.

Tags
188893, 3

Learning Outcome
Each student will objectively begin to understand their personal teaching style.

Tags
188952, 6

Learning Outcome
Each student will learn to develop specific lesson plans and educational units.

Tags
188979, 7

Learning Outcome
Each student will create a professional education portfolio.

Tags
189050, 8

Learning Outcome
Each student will learn about teaching resources and information.

Tags
189086, 1

Learning Outcome
Each student will understand the theoretical and practical nature of education.

Title
appllication

Tags
189202, 4

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Foreign Language

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Foreign Language

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance

Learning Outcomes

Tags
54123, 3

Learning Outcome
Participate in a visit to a charter school, a school for children with physical and mental challenges, and an alternative school.

Tags
54155, 9

Learning Outcome
Complete admission requirements to be admitted into the secondary education program.

Tags
54194, 10

Learning Outcome
Analyze case study incidences regarding the moral dimensions of teaching.

Tags
54231, 1

Learning Outcome
Evaluate a variety of learning styles.

Tags
54254, 8

Learning Outcome
Conduct an interview with a child regarding their perceptions of art and create an summary analysis of the data collected.

Tags
54269, 11

Learning Outcome
Generate lesson plans in relation to observations, school cultures, district and state mandates, and contemporary educational theory.

Tags
54324, 6

Learning Outcome
Create a presentation on an art education method and create a guide sheet.

Tags
54556, 5

Learning Outcome
Video record one lesson to view and analyze and review with peers.

Tags
54581, 2

Learning Outcome
Create an instructional resource file.

Tags
54607, 4

Learning Outcome
Participate in visits to schools (elementary specialist, middle level, high school, and 2 schools of the studentâ??s choice), prepare observations in each setting, teach an art lesson at assigned settings, conduct peer evaluations, and complete journal entries with reflective entries.

Tags
54644, 7

Learning Outcome
Create school newsletter, bulletin board display and an instructional resource aid.

SC ED 276R - Exploration of Teaching: Art

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Art

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
30 semester hours or sophomore status; FBI fingerprint and background clearance

Learning Outcomes

Title
Issues in Education

Tags
179021, 2

Learning Outcome
Students will have a basic understanding of current issues in public education.

Title
Application

Tags
182451, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Exercise Sciences

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Exercise Sciences

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Application

Tags
182454, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Dance

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Dance

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Instruction

Tags
179029, 2

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

Title
Application

Tags
182452, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Technology Teacher Education

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Technology Teacher Education

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
SFL 276: Introduction to Secondary Education for Family and Consumer Science Majors

Tags
182412, 1

Learning Outcome
This course is a field-based course taken during the initial teaching experience. It is directed at helping prospective teachers experience the demands and opportunities associated with teaching Family and Consumer Sciences in secondary education classrooms.

Title
A) Students will observe, experience, and analyze firsthand the responsibilities and environment of teaching Family and Consumer Sciences in a secondary public school setting.

Tags
182413, 2

Learning Outcome
- Students observe, teach, demonstrate, and complete a bulletin board out in schools 6 -7 days during the block.
- An hours form and evaluation form is filled out with public teacher signature.

Title
B) Students will identify and discuss the characteristics of an effective teacher

Tags
182414, 3

Learning Outcome
- The First Days of School textbook discussion question assignments are written, turned in and discussed in class.

Title
C) Students will demonstrate ability to research and understand current issues facing public schools by collecting scholarly articles and presenting an opinion.

Tags
182415, 4

Learning Outcome
Students complete a research project by reading and responding to 4 or more current education articles.

Title
Students will reflect and build on the goals of the BYU Educator Preparation Program.

Tags
182416, 5

Learning Outcome
Students increase understanding of personal strengths and weaknesses that will aid in progression toward excellence in teacher preparation by keeping a field journal of their experiences.

SC ED 276R - Exploration of Teaching: Physical Science

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Physical Science

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
instruction

Tags
178756, 0

Learning Outcome
Students will be able to identify and demonstrate effective teaching practices.

Title
professionalism

Tags
178800, 1

Learning Outcome
Students will understand the career choices in education.

SC ED 276R - Exploration of Teaching: English

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: English

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Issues in Education

Tags
179019, 2

Learning Outcome
Students will have a basic understanding of current issues in public education.

Title
Application

Tags
182453, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Biological Sciences

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Biological Sciences

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Professionalism

Tags
179025, 2

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

Title
Application

Tags
182472, 1

Learning Outcome
Each student will gain practical teaching experience.

SC ED 276R - Exploration of Teaching: Mathematics

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Mathematics

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
instruction

Tags
178781, 0

Learning Outcome
Students will be able to identify and demonstrate effective teaching practices.

Title
professionalism

Tags
179005, 1

Learning Outcome
Students will explore the issues of schooling and the career choices in education.

SC ED 276R - Exploration of Teaching: Music

Course Information

Teaching Area (new)
SC ED

Course Number
276R

Teaching Area
SC ED

Course Title
Exploration of Teaching: Music

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
4

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance

Learning Outcomes

Tags
187648, 8

Learning Outcome
Each student has at least 2 mentored formal teaching experiences involving junior high music studentsthe interaction between 276 students and the junior high students is carefully reviewed both by the Universitysupervisor and the 276 student him/herself.

Tags
187774, 2

Learning Outcome
In this course students will engage in several improvisation and composing opportunities duringdemonstrations of teaching strategies.

Tags
187808, 6

Learning Outcome
Students will conduct 12 observations of successful practitioners in local public schools where theyhave the opportunity to gather many strategies and materials along with insights regarding philosophiesunderlying them. Practical approaches/techniques are also presented during the â??processâ?◈ discussions in classand by the rhythm teaching exercises as the beginning of each seminar

Tags
187832, 7

Learning Outcome
The term project for this course and the related â??processâ?◈ discussions represent a carefully guidedincursion into grounded pedagogical practice.

Tags
187889, 1

Learning Outcome
In this course students will each perform for each other and receive feedback on your performance. Students will also improve as performers by providing feedback for your peers

Title
Lectures and Activities

Tags
188079, 4

Learning Outcome
The perspectives lectures and activities in this course are designed to create foundational questionsand a propensity for deep thinking about music through philosophical and theoretical discussions particularlyas part of the re-visioning of music literacy.

SC ED 350 - Adolescent Development in an Education Context

Course Information

Teaching Area (new)
SC ED

Course Number
350

Teaching Area
SC ED

Course Title
Adolescent Development in an Education Context

Course Description
Adolescent development in the context of education. Focus is on the implications for integrated school culture, curriculum design, instructional practices, and assessment.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 276R or major area equivalent.

Note
Class is restricted to secondary education majors in biology, physical education teacher education, music, dance, and arts.

Learning Outcomes

Title
Demonstrate Impact on Classroom Environments

Tags
191731, 3

Learning Outcome
The students will demonstrate understanding of how the stages of development impact classroom environments and management.

Title
Demonstrate Impact on Instructional Processes

Tags
191732, 1

Learning Outcome
Students will be able to recognize and identify the implications of adolescent development on their own teaching and be able to integrate future lessons with the knowledge they have of development.

Title
Developmental Stages

Tags
191733, 2

Learning Outcome
The students will understand the social, physical, and cognitive developmental stages of adolescence in relation to the tasks of automony, identity and intimacy development.

SC ED 353 - Foundations of Multicultural Education

Course Information

Teaching Area (new)
SC ED

Course Number
353

Teaching Area
SC ED

Course Title
Foundations of Multicultural Education

Course Description
This course equips teacher candidates to embrace sociocultural diversity, create inclusive learning spaces, and navigate power structures. Honor students' cultural and linguistic resources, background, and build trust for effective teaching. Essential for developing content-specific pedagogies.

Department
Teacher Education

When Taught
Fall; Winter; Spring.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended

Learning Outcomes

Title
Identify Cultural Assets

Learning Outcome
Identify deficit thinking and articulate specific ways that teachers can use cultural differences and diversity as resources in their practice.

Title
Educational Positionally & Inequity

Learning Outcome
Identify historical and contemporary causes of educational inequity, including the role of individuals, ideologies, and institutions in reproducing unequal schooling conditions for marginalized groups

Title
Responding to Sociocultural Diversity

Learning Outcome
Recognize and consider how to respond to sociocultural diversity in educational contexts including race, social class, gender, sexuality, ability, ethnicity, language, religion, and other social categories.

Title
Moral and Spiritual Commitments

Learning Outcome
Develop moral and spiritual commitments to lead out in promoting respect for all God's children to root out prejudice, discrimination, and oppression and promote belonging within schools and society.

SC ED 375 - Adolescent Development and Classroom Management

Course Information

Teaching Area (new)
SC ED

Course Number
375

Teaching Area
SC ED

Course Title
Adolescent Development and Classroom Management

Course Description
Analysis of education practice and the relationship between theories and research on development, classroom management, education and the practice of teaching. Focus on adolescent development and an introduction to classroom management.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Sc Ed 276R or major area equivalent.

Learning Outcomes

Title
Demonstrate Impact on Instructional Processes

Tags
188070, 1

Learning Outcome
Students will be able to recognize and identify the implications of adolescent development on their own teaching and be able to integrate future lessons with the knowledge they have of development.

Title
Developmental Stages

Tags
205931, 1

Learning Outcome
Students will understand the social, physical and cognitive developmental stages of adolescence in relation to the tasks of autonomy, identity and intimacy development.

Title
Demonstrate Impace on Classroom Environments

Tags
205932, 2

Learning Outcome
Students will be able to demonstrate an understanding of how adolescent development impacts classroom environments. They will be able to integrate theories of classroom management with their knowledge of adolescent development in order to plan future lessons and management practices based on student developmental needs.

SC ED 377R - Teaching Methods and Instruction

Course Information

Teaching Area (new)
SC ED

Course Number
377R

Teaching Area
SC ED

Course Title
Teaching Methods and Instruction

Course Description
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Major-specific program requirements

Learning Outcomes

Title
Assessment

Tags
178732, 1

Learning Outcome
The students will link assessment to learning goals and strategies in teaching content in secondary classrooms.

Title
planning

Tags
178797, 2

Learning Outcome
Students will create learning objectives to meet content and instructional goals.

Title
Instructional Strategies

Tags
178805, 0

Learning Outcome
The students will understand and implement a variety of teaching strategies in teaching content in secondary classrooms.

SC ED 379 - Classroom Management

Course Information

Teaching Area (new)
SC ED

Course Number
379

Teaching Area
SC ED

Course Title
Classroom Management

Course Description
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Sc Ed 377R and 378, or equivalent major courses; Sc Ed 276R or Phy S 276 or Engl 276R or Bio 276 or SFL 276R or Hlth 276R or MthEd 276 or PETE 276R or TEE 276A or TEE 276B.

Learning Outcomes

Title
Reflection and Evaluation for Growth

Tags
183410, 5

Learning Outcome
The student will be a reflective practitioner who continually evaluates the effects of his or her choices, and who actively seeks out opportunities to grow professionally.

Title
Learning Environment

Tags
191435, 3

Learning Outcome
The student will create a learning environment that encourages positive social interaction, active engagement in learning, and self-motivation.

Title
Instruction

Tags
191436, 2

Learning Outcome
The student will plan instruction based upon knowledge of subject matter, students, the community, and curriculum goals.

SC ED 380 - Content-Area Literacy

Course Information

Teaching Area (new)
SC ED

Course Number
380

Teaching Area
SC ED

Course Title
Content-Area Literacy

Course Description
Current theory and related practices in literacy assessment and instruction for content-area classrooms.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Concurrent enrollment in Sc Ed 377 or equivalent course

Learning Outcomes

Title
Dispositions

Tags
183313, 2

Learning Outcome
Teacher candidates will develop an understanding of the place of literacy instruction in content-area classrooms to support students’ access to knowledge and participation in a social and political democracy.

Title
Practices

Tags
183318, 1

Learning Outcome
Teacher candidates will use instructional strategies and design curriculum materials to support students’ creation, negotiation, and use of texts.

Title
Knowledge

Tags
183346, 0

Learning Outcome
Teacher candidates will gain an understanding of theories related to literacy, reading, writing, texts, and literacy instruction.

SC ED 476R - Secondary Student Teaching - Mathematics

Course Information

Teaching Area (new)
SC ED

Course Number
476R

Teaching Area
SC ED

Course Title
Secondary Student Teaching - Mathematics

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Exhibitions

Tags
179008, 1

Learning Outcome
Plan and execute an exhibition of student work.

SC ED 476R - Secondary Student Teaching - Foreign Language

Course Information

Teaching Area (new)
SC ED

Course Number
476R

Teaching Area
SC ED

Course Title
Secondary Student Teaching - Foreign Language

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Exhibitions

Tags
179007, 1

Learning Outcome
Plan and execute an exhibition of student work.

SC ED 476R - Secondary Student Teaching - Physical Science

Course Information

Teaching Area (new)
SC ED

Course Number
476R

Teaching Area
SC ED

Course Title
Secondary Student Teaching - Physical Science

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Performance Evaluation

Tags
179037, 1

Learning Outcome
Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

SC ED 476R - Secondary Student Teaching - Spanish

Course Information

Teaching Area (new)
SC ED

Course Number
476R

Teaching Area
SC ED

Course Title
Secondary Student Teaching - Spanish

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Outcome 2

Tags
205925, 16

Learning Outcome
The students will observe, plan, teach, assess, and reflect throughout the course as they participate in a public school setting.

SC ED 476R - Secondary Student-Teaching

Course Information

Teaching Area (new)
SC ED

Course Number
476R

Teaching Area
SC ED

Course Title
Secondary Student-Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Application of content knowledge and pedagogy

Tags
178804, 1

Learning Outcome
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, and collaborating with other teachers and with the community.

SC ED 477R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
SC ED

Course Number
477R

Teaching Area
SC ED

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

Learning Outcomes

Title
Sc Ed 477R Course Outcomes

Tags
179086, 1

Learning Outcome
Students will put into practice the theories they have learned in content and pedagogy courses including planning lessons, assessing students of all abilities and cultural backgrounds, using a variety of instructional strategies, collaborating with other teachers, and demonstrating high levels of professionalism.

SC ED 490R - Senior Seminar

Course Information

Teaching Area (new)
SC ED

Course Number
490R

Teaching Area
SC ED

Course Title
Senior Seminar

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Senior Seminar

Tags
179002, 1

Learning Outcome
This is an inactive course. Course outcomes will be created when and if this class is scheduled.

SC ED 493R - Readings

Course Information

Teaching Area (new)
SC ED

Course Number
493R

Teaching Area
SC ED

Course Title
Readings

Course Description
Students meet with the instructor to assemble an individualized reading program in the field and agree upon the topic and organization of the course.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
2

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Independent Readings

Tags
179003, 0

Learning Outcome
Students will explore specific topics under the direction of a faculty member.

SC ED 496R - Academic Internship: Biological Sciences

Course Information

Teaching Area (new)
SC ED

Course Number
496R

Teaching Area
SC ED

Course Title
Academic Internship: Biological Sciences

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Performance Evaluation

Tags
179012, 1

Learning Outcome

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

SC ED 496R - Academic Internship: Mathematics

Course Information

Teaching Area (new)
SC ED

Course Number
496R

Teaching Area
SC ED

Course Title
Academic Internship: Mathematics

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Performance Evaluation

Tags
179011, 1

Learning Outcome

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

SC ED 496R - Academic Internship: Physical Sciences

Course Information

Teaching Area (new)
SC ED

Course Number
496R

Teaching Area
SC ED

Course Title
Academic Internship: Physical Sciences

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Performance Evaluation

Tags
179015, 1

Learning Outcome

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

SC ED 496R - Academic Internship: English

Course Information

Teaching Area (new)
SC ED

Course Number
496R

Teaching Area
SC ED

Course Title
Academic Internship: English

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Performance Evaluation

Tags
179010, 1

Learning Outcome

Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

SC ED 496R - Academic Internship: Secondary Education

Course Information

Teaching Area (new)
SC ED

Course Number
496R

Teaching Area
SC ED

Course Title
Academic Internship: Secondary Education

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Learning Outcomes

Title
Academic Internship - Secondary Education

Tags
179004, 1

Learning Outcome
Students will demonstrate that they can teach, manage, and assess content area knowledge and skills in the 7-12 classroom.

Title
Complete Certification Requirements

Tags
179013, 2

Learning Outcome

Complete the requirements established by BYU's Department of Visual Arts, the Department of Teacher Education, and the Utah State Office of Education including the PRAXIS Test for Art.
Complete the Teacher Work Sample (TWS) in a professional manner with exemplary content and design. Submit TWS to LiveText.
Complete a Professional & Interpersonal Behavior Scale (PIBS), a Candidate Disposition Scale (CDS), and Field Experience Demographics (FED) forms and submit to LiveText.
Allow university supervisor and cooperating teachers to evaluate teaching performance with Clinical Practice Assessment Scale (CPAS) and sign Final Evaluation forms on LiveText.

Title
Complete Course Requirements

Tags
179014, 3

Learning Outcome

Tape at least one lesson for self and peer evaluation.
Design a Professional Portfolio for job interviews. Receive timely guidance on job interviewing and placement procedures.
Record and review valuable student teaching experiences in a Reflective Journal.
Plan and execute an exhibition of student artwork in at least one school.

SC ED 589R - Foundations of Literacy

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Foundations of Literacy

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179024, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Comprehension Instruction

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Comprehension Instruction

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179036, 0

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Special Topics in Education

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Special Topics in Education

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179035, 0

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Effective Teaching

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Effective Teaching

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179022, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Content-Area Literacy

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Content-Area Literacy

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179030, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Classroom Management

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Classroom Management

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179018, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Writing Instruction

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Writing Instruction

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179020, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Literature for Young People

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Literature for Young People

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179028, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Organization and Administration of Reading Programs

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Organization and Administration of Reading Programs

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179034, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Supervision of Literacy Programs

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Supervision of Literacy Programs

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179032, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Literacy Assessment and Intervention

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Literacy Assessment and Intervention

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179026, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Literacy Specialist Practicum

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Literacy Specialist Practicum

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179033, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Sciences

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Sciences

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179023, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SC ED 589R - Literacy Development and Instruction

Course Information

Teaching Area (new)
SC ED

Course Number
589R

Teaching Area
SC ED

Course Title
Literacy Development and Instruction

Course Description
Topics vary.

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For recertification only. Must have prior approval of department to count toward graduate degrees.

Learning Outcomes

Title
Content Knowledge

Tags
179031, 1

Learning Outcome
Candidates will explore special topics in secondary education under the direction of a specific instructor.

SCAND 217 - (Scand-Germ) German and Scandinavian Cinema.

Course Information

Teaching Area (new)
SCAND

Course Number
217

Teaching Area
SCAND

Course Title
(Scand-Germ) German and Scandinavian Cinema.

Course Description
Background for understanding and appreciating the best of motion picture art in Germany and Scandinavia.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Recommended
A first-year writing course

Note
Language of instruction is English; no knowledge of German or Scandinavian languages is required.

Learning Outcomes

Title
Analysis and Writing

Tags
190311, 1

Learning Outcome
Students will develop skills to allow them to view, analyze, critically interpret, and write about films that come from a wide variety of cinematic genres.

Title
Analytic Vocabulary and Critical Skills

Tags
190371, 2

Learning Outcome
Students will develop an analytic vocabulary and critical skills that will allow them to participate in scholarly discussions of key cinematic texts from Nordic and German history.

SCAND 220 - Introduction to Scandinavian Studies

Course Information

Course Number
220

Teaching Area
SCAND

Course Title
Introduction to Scandinavian Studies

Course Description
Introduction to the Scandinavian Studies minor. The course includes an introduction to the history, geography, society, and culture of the Scandinavian region through a variety of approaches.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Learning Outcomes

Title
Disciplinary Understanding

Learning Outcome
Students will be able to apply a basic understanding of the core disciplines within Scandinavian Studies in order to frame questions central to Scandinavian society and culture.

Title
Research Design

Learning Outcome
Students will access resources (faculty, library reference materials, databases, etc.) to further an understanding of questions related to Scandinavian society and culture.

Title
Cultural Proficiency

Learning Outcome
Students will be able to identify and evaluate key features of the geography, culture, society and history of Scandinavia that have shaped important aspects of the region.

Title
Analytical Thinking

Learning Outcome
Students will be able to analyze and evaluate both primary and secondary sources and draw conclusions based on evidence.

Title
Written and Oral Communication

Learning Outcome
Students will be able to craft well-supported arguments and effectively present the results of research in oral and written reports.

SCAND 325R - Scandinavian Choir

Course Information

Teaching Area (new)
SCAND

Course Number
325R

Teaching Area
SCAND

Course Title
Scandinavian Choir

Course Description
Improve language skills and enhance cultural appreciation through choral singing.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

SCAND 332 - Cultural History of the Vikings

Course Information

Teaching Area (new)
SCAND

Course Number
332

Teaching Area
SCAND

Course Title
Cultural History of the Vikings

Course Description
History of art, literature, mythology, culture, and society in medieval Scandinavia.

Department
U7njDXDc6YfZcSrHdlBt

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Medieval Nordic Culture

Tags
190616, 1

Learning Outcome
Students will learn to recognize and critically reflect upon key dimensions of literature, art, society, culture, and history of Scandinavia in the medieval era, with an emphasis on appreciating the culture's literature, mythology, and visual art.

Title
Analytic Skills and Writing

Tags
190617, 2

Learning Outcome
Students will develop analytic skills through class discussion, oral presentations, and/or writing that demonstrate mature thinking, clarity of expression, the orderly development of ideas, and vigorous argument regarding the art, history, and historical reception of Viking culture.

Title
Life-Long Learning

Tags
190618, 3

Learning Outcome
Students will develop attitudes and habits of thought, expression, and study that will supplement other humanities and non-humanities degrees and also encourage life-long learning and continued contact with the informed study of art, literature, and Nordic culture.

SCAND 337 - Works of Hans Christian Andersen

Course Information

Teaching Area (new)
SCAND

Course Number
337

Teaching Area
SCAND

Course Title
Works of Hans Christian Andersen

Course Description
Study of the life, works, and times of Danish author Hans Christian Andersen.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Fall Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Historical and Cultural Context

Tags
190619, 1

Learning Outcome
Students will know and understand the general historical context that informs the authorship of Hans Christian Andersen as well as the various theoretical contexts that have been instrumental in the reception of his work.

Title
Work of H.C. Andersen

Tags
190620, 2

Learning Outcome
Students will know and understand basic dimensions of H.C. Andersen's authorship, not only his fairytale production, but also his poetry, novelistic production, and his autobiographical work.

Title
Critical Thinking and Writing

Tags
190621, 3

Learning Outcome
Students will develop and implement critical thinking skills through close readings and interpretations of H.C. Andersen's literary production. This will be accomplished through various assignments and learning measures.

SCAND 344R - Topics in Scandinavian Studies

Course Information

Teaching Area (new)
SCAND

Course Number
344R

Teaching Area
SCAND

Course Title
Topics in Scandinavian Studies

Course Description
Topic varies. Typical topics might be folklore, culture, music, film, emigration, art and design, political and economic problems, literature in translation, etc. Includes International Cinema.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
Analytic Skills and Expression

Tags
190314, 1

Learning Outcome
Students will develop analytic skills through class discussion, oral presentations, and/or writing assignments that demonstrate mature thinking, clarity of expression, the orderly development of ideas, and vigorous argument.

Title
Intellectual History

Tags
190490, 0

Learning Outcome
Students will learn to recognize and critically reflect upon key dimensions of Nordic literature, art, society, culture, and history, with an emphasis on appreciating these cultures’ artistic production and intellectual histories.

Title
Habits of Thought

Tags
190532, 2

Learning Outcome
Students will develop attitudes and habits of thought, expression, and study that will supplement other humanities and non-humanities degrees and also encourage life-long learning and continued contact with the informed study of Nordic culture.

SCAND 377 - Methods in Teaching Nordic Languages

Course Information

Teaching Area (new)
SCAND

Course Number
377

Teaching Area
SCAND

Course Title
Methods in Teaching Nordic Languages

Course Description
Prior or concurrent enrollment in this course required for student instructors of Nordic languages. Focuses on teaching skills specific to foreign language instruction in beginning and intermediate language courses.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
Must have an assignment teaching a Nordic language class or instructor's consent.

Learning Outcomes

Title
Language Teaching Skills

Tags
190459, 0

Learning Outcome
Students in this class will develop the skills to effectively teach listening comprehension, reading proficiency, oral proficiency, writing proficiency, and cultural proficiency in beginning language classes.

Title
General Teaching skills

Tags
190496, 1

Learning Outcome
Students will learn effective communication and teaching skills that are not specific only to language instruction but applicable to a wide range of teaching environments in formal and informal settings.

SCAND 399R - Academic Internship

Course Information

Course Number
399R

Teaching Area
SCAND

Course Title
Academic Internship

Department
International and Area Studies

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

SCAND 429 - Old Norse

Course Information

Teaching Area (new)
SCAND

Course Number
429

Teaching Area
SCAND

Course Title
Old Norse

Course Description
Grammar and exercises. Readings in Old Norse literature.

Department
Language Studies

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Knowledge of a modern Scandinavian language

Note
Returned missionaries from Iceland or those with equivalent experience should enroll in ICLND 202.

Learning Outcomes

Title
Cultural-Linguistic context

Tags
190289, 0

Learning Outcome
Students will develop an understanding of the linguistic and literary features of Old Norse-Icelandic.

Title
Reading and Analytical Skills

Tags
190385, 0

Learning Outcome
Students will develop the capacity to read and understand Old Norse-Icelandic texts with reasonable facility and develop an appreciation for the richness and variety of Old Norse-Icelandic literature through close readings from a variety of sagas and poetry.

Title
Linguistic Skills

Tags
190590, 0

Learning Outcome
Students will develop a sound understanding of Old Norse-Icelandic grammar (morphology, phonology, syntax), in part with reference to that of modern continental Scandinavian languages. They will also learn a substantial vocabulary of Old Norse-Icelandic, again with attention to cognates in modern Scandinavian and Germanic languages. They will develop a capacity to recognize the various morphological and phonological manifestations of the same word.

SCAND 490R - Seminar in Scandinavian Studies

Course Information

Teaching Area (new)
SCAND

Course Number
490R

Teaching Area
SCAND

Course Title
Seminar in Scandinavian Studies

Course Description
Topics vary. Includes International Cinema.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0.5

Other Prerequisites
Reading knowledge of at least one Scandinavian language.

Learning Outcomes

Title
Subject-Specific Outcomes

Tags
190238, 2

Learning Outcome
Each iteration of this course has more specific outcomes based on the subject matter at hand; those additional objectives are articulated in each instructor's customized syllabus.

Title
Critical Thinking, Analysis, and Writing

Tags
190310, 3

Learning Outcome
Students will demonstrate the ability to analyze cultural artifacts, think critically, and write clearly and persuasively.

Title
Specialization

Tags
190372, 0

Learning Outcome
Students will learn to recognize and critically reflect upon a significant dimension of Nordic culture.

Title
Life-Long Learning

Tags
190458, 4

Learning Outcome
Develop a life-long appreciation of Nordic cultures and develop attitudes and habits of thought and study that encourage life-long learning and continued contact with the informed study of culture.

Title
Research Arguments and Methodologies

Tags
190556, 1

Learning Outcome
Students will be able to produce original arguments based on sound research methodology.

SCAND 491R - Directed Readings in Scandinavian

Course Information

Teaching Area (new)
SCAND

Course Number
491R

Teaching Area
SCAND

Course Title
Directed Readings in Scandinavian

Course Description
Directed individual study.

Department
U7njDXDc6YfZcSrHdIBt

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Recommended
Written plan of study approved by both instructor and program coordinator.

Learning Outcomes

Title
Subject-Specific Outcomes

Tags
190429, 0

Learning Outcome
Each iteration of this course has more specific outcomes based on the subject matter at hand and related to a specific dimension of Nordic culture; those additional objectives are articulated in the contract developed between instructor and student.

Title
Critical Thinking and Analysis

Tags
190462, 2

Learning Outcome
Students will demonstrate the ability to analyze cultural artifacts and think critically.

Title
Specialization

Tags
190577, 1

Learning Outcome
Students will learn to recognize and critically reflect upon a significant dimension of Nordic culture.

SCAND 495 - Capstone in Scandinavian Studies

Course Information

Course Number
495

Teaching Area
SCAND

Course Title
Capstone in Scandinavian Studies

Course Description
Capstone course for the Scandinavian Studies minor. Mentored research in an area of interest in Scandinavia leading to a senior capstone project and presentation.

Department
International and Area Studies

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- SCAND 220 - Introduction to Scandinavian Studies
  AND SCAND 320 - Cultural History of Scandinavia (Inactive)

Learning Outcomes

Title
Critical Thinking

Learning Outcome
Students will demonstrate an ability to read and write critically and think analytically by carrying out original research on a capstone project in Scandinavian Studies.

Title
Research Design and Execution

Learning Outcome
Students will identify and explore a significant research topic and research that topic using appropriate disciplinary methods and through the evaluation of primary and secondary sources.

Title
Written and Oral Communication

Learning Outcome
Students will be able to formulate and communicate oral and written arguments clearly and effectively.

SFL 100 - Strengthening Marriage and Family: Proclamation Principles and Scholarship

Course Information

Teaching Area (new)
SFL

Course Number
100

Teaching Area
SFL

Course Title
Strengthening Marriage and Family: Proclamation Principles and Scholarship

Course Description
Understanding, applying, and sharing principles of successful marriage and family life from the LDS proclamation on the family, using sacred and scholarly perspectives.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Writing and Analysis

Tags
182371, 1

Learning Outcome
Demonstrate improvement in writing skills, speaking, and critical thinking skills to be more effective advocates for marriage, home, and family in a variety of settings.

Title
Content and Theory

Tags
182378, 1

Learning Outcome

Critically understand your testimony of the principles of the Restored Gospel pertaining to marriage, home and family.
Synthesize and be able to apply principles from revealed truth and supportive scholarship to strengthen marriage, home, and family life.
Be able to confidently share and defend principles of successful marriage, home and family life using support from sacred and scholarly sources.

SFL 101 - Introduction to School of Family Life

Course Information

Teaching Area (new)
SFL

Course Number
101

Teaching Area
SFL

Course Title
Introduction to School of Family Life

Course Description
Required seminar for all students entering the major. Overview of curriculum and major requirements, faculty research programs and specialties, campus resources, future opportunities, and career possibilities.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Theory

Tags
182379, 1

Learning Outcome

Create a realistic major or minor plan in the School of Family Life.
Identify possible post-graduation pathways with a major in the School of Family Life.
Participate in and develop a sense of community that includes both faculty and students.
Be able to utilize important resources to become an effective learner during college and after.

SFL 102 - Introduction to Interiors

Course Information

Teaching Area (new)
SFL

Course Number
102

Teaching Area
SFL

Course Title
Introduction to Interiors

Course Description
Interior design, emphasizing the design and development of the American home.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Learning

Tags
182297, 0

Learning Outcome
Become life-long observers of design and the designed environment.Develop a basic vocabulary of design through reading, class discussion, class demonstration and memorization.Increase awareness and synthesize good and poor design on well being and aesthetic response by experiencing design first-hand on campus and in the community and by responding in learning journals.Develop an understanding of design as a problem-solving process through discussion, first-hand experience, and by responding in learning journals.Develop a basic vocabulary of architectural stylistic elements and an appreciation for the historic development of the American home through reading, discussion, visual presentation, site visits, and by responding in learning journals.

SFL 110 - Food Preparation in the Home

Course Information

Teaching Area (new)
SFL

Course Number
110

Teaching Area
SFL

Course Title
Food Preparation in the Home

Course Description
Principles of cooking and skill development in food preparation techniques. Lab required.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Fee
50

Note
Fee. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Learning

Tags
182022, 1

Learning Outcome
Understand food preparation principles and techniques and apply them while mixing, cooking, and baking food products for home use.
Identify and prevent food borne illness and safety hazards with appropriate food handling and preparation techniques.
Understand and apply knowledge of nutrition to food preparation.
Develop confidence in selecting and following recipes.
Demonstrate proper use of equipment for baking and cooking.

SFL 160 - Introduction to Family Processes

Course Information

Teaching Area (new)
SFL

Course Number
160

Teaching Area
SFL

Course Title
Introduction to Family Processes

Course Description
Ways of strengthening family life by understanding such family processes as generations, emotions, communication, and rituals.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Outcome 1

Tags
182309, 1

Learning Outcome
Learn the basic terms, concepts, and theoretical frameworks used in family science in ways that deepen your understanding of families, strengthen your ability to seek truth "by study and by faith," and prepare you to use this knowledge to bless individuals and families throughout your life.

Title
Outcome 2

Tags
182380, 1

Learning Outcome
Interpret family patterns using class concepts and research so you can think more clearly, understand different perspectives, become more caring and aware in your interactions, and become a more thoughtful and open-minded learner.

Title
Outcome 3

Learning Outcome
Evaluate what strengthens or challenges families with compassion, helping you grow into someone who makes wise, ethical choices in relationships.

Title
Outcome 4

Learning Outcome
Apply principles from family science to your own life so you can build healthier relationships, communicate more effectively, help you better understand other, and become someone who strengthens the people around you.

Title
Outcome 5

Learning Outcome
Integrate what you learn about families with your personal and spiritual values so you can become a more discerning, Christlike person who promotes belonging and supports the well-being of others.

SFL 185R - Basic Sewing Techniques

Course Information

Teaching Area (new)
SFL

Course Number
185R

Teaching Area
SFL

Course Title
Basic Sewing Techniques

Course Description
This course focuses on the basics of sewing techniques.

Department
Family Life

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
5

Fee
30

Note
Student-supplied materials required.

Learning Outcomes

Title
Confidence & Enjoyment

Tags
182355, 0

Learning Outcome
Develop confidence and enjoyment in the creation process by furthering their sewing abilities

Title
Correct Terminology

Learning Outcome
Demonstrate following proper procedures while applying correct terminologies

Title
Workmanship

Learning Outcome
Differentiate between good and poor-quality workmanship

Title
Project Specifications

Learning Outcome
Create sewing projects that meet functionable specifications

SFL 200 - Strengthening Marriage and Family

Course Information

Teaching Area (new)
SFL

Course Number
200

Teaching Area
SFL

Course Title
Strengthening Marriage and Family

Course Description
This course will provide a scholarly study of family-related issues from which evidence-based applications embedded within gospel and family proclamation principles will be provided that equip students with knowledge to engage in successful practices related to dating, marriage, parenting, and running a home.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This class will no longer fulfill the Religion "The Eternal Family" course requirement.

Learning Outcomes

Title
Evidence Based Applications

Learning Outcome
Explain evidence-based applications for healthy practices in dating, marriage, parenting, and running a home (e.g., finances, feeding, clothing, sheltering).

Title
Deepen Understanding

Learning Outcome
Evaluate the importance of family life in a society that downplays the importance of the family.

Title
Increase desires for blessings of family life

Learning Outcome
Increase students' own desires for the blessings that can be found in family life.

Title
Increase confidence in successful family life

Learning Outcome
Increase personal confidence to achieve success in family life by becoming equipped with evidence-based skills and knowledge embedded with gospel principles.

SFL 202 - Design in the Home

Course Information

Teaching Area (new)
SFL

Course Number
202

Teaching Area
SFL

Course Title
Design in the Home

Course Description
Intermediate application of elements and principles of design in the home.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 102 - Introduction to Interiors

Learning Outcomes

Title
Content and Learning

Tags
182374, 0

Learning Outcome
Develop or reinforce basic vocabulary of design.Increase awareness of design possibilities and the aesthetic and spiritual effect of different designs.Develop an understanding of design as a problem-solving process.Become a life-long observer of design and the designed environment.

SFL 205 - Home and Family Living

Course Information

Teaching Area (new)
SFL

Course Number
205

Teaching Area
SFL

Course Title
Home and Family Living

Course Description
Principles for creating an optimal home environment for individual, marital, and family development; secular and sacred significance of temporal activities in the home; the influence of context and family processes on outcomes.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Home and Family Living Content and Theory

Tags
210261, 0, 1

Learning Outcome
Demonstrate understanding of major concepts, theories, and research related to:
- the routines and rituals of the home and their importance in giving structure for family living
- family living skills in the home
- family living challenges, especially coping mechanism in times of stress
- how the physical home gives structure to family living
- personnel development that contributes to successful home and family living

Title
Application of Home and Family Living Research

Tags
210262, 0, 2

Learning Outcome
Critically evaluate and apply various home and family research to students' present and future families.
By the end of the class students will:
- demonstrate that they can make a wise home purchase decision
- demonstrate that they can make a wise automobile purchase decision
- develop healthy family rituals and routines
- anticipate coping strategies for family challenges
- create a personal development plan that will positively influence home and family

Title
Effective Writing, Analysis, and Application

Tags
210263, 0, 3

Learning Outcome
Through class assignments students will demonstrate their ability to synthesize and evaluate research, and apply this research to healthy home and family living

SFL 210 - Human Development

Course Information

Teaching Area (new)
SFL

Course Number
210

Teaching Area
SFL

Course Title
Human Development

Course Description
Examines the growth and development of human beings from conception until death including the influences of family, peers, schools, and culture

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
NOTE: Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Theory

Tags
182335, 3

Learning Outcome
Acquire a broad base of knowledge of human development. Be conversant with the major human development theories as well as their strengths and weaknesses. Comprehend the dynamic and complex interaction among the domains of human development (e.g., biological, cognitive, emotional, social, etc.) Critically apply information learned in class to your own life Provide knowledge and skills that will benefit the lives of the children for whom you will have stewardship in this life.

Title
Effective Writing and Analysis

Tags
182381, 2

Learning Outcome
Improve your writing and critical thinking skills.

Title
Research and Evaluation Methodologies

Tags
182382, 0, 1

Learning Outcome
Understand the research methodology utilized in the study of human development.

Title
Other aims

Learning Outcome
1. Reflect on how human development reflects God's plan for His children (Moses 1:39), cultivating gratitude for the gift of mortality and growth. 2. Cultivate empathy for individuals and families across diverse backgrounds, reflecting Christlike love and moral responsibility. 3. Demonstrate awareness of how understanding developmental processes enables you to act well in the world's work-as a parent, teacher, nurse, or leader.

SFL 215 - Advanced Food Preparation

Course Information

Teaching Area (new)
SFL

Course Number
215

Teaching Area
SFL

Course Title
Advanced Food Preparation

Course Description
Lecture, readings, and intense practicum in food preparation, food preservation and storage, presentation, consumerism, equipment usage, and social/familial aspects of food. Lab required.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 110 - Food Preparation in the Home

Fee
80

Note
Fee.

Learning Outcomes

Title
Content and Learning

Tags
182383, 1

Learning Outcome

Understand advanced food preparation principles and techniques and apply them while mixing, cooking, and baking food products for home and commercial use.
Identify and prevent food borne illness and safety hazards with appropriate food handling and preparation techniques.
Apply knowledge of nutrition to food preparation.
Develop confidence in selecting, presenting, and following recipes.
Learn proper use of equipment for baking and cooking.
Identify and discuss cultural influences in the use of foods throughout the world.

SFL 221 - Foundations of Developmentally Appropriate Practices in Programs for Young Children

Course Information

Teaching Area (new)
SFL

Course Number
221

Teaching Area
SFL

Course Title
Foundations of Developmentally Appropriate Practices in Programs for Young Children

Course Description
Historical, philosophical, organizational, and curricular issues related to developmentally appropriate practices in programs for young children.The purpose of the course is to link the theoretical to the practical experience gained in SFL 222.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 210 - Human Development

Other Prerequisites
SFL 222 must be taken concurrently with SFL 221.

Note
Due to enrollment constraints, SFL 221 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

Learning Outcomes

Title
Content and Theory

Tags
182045, 1

Learning Outcome
Obtain an historical perspective of early childhood and a philosophical foundation in developmentally appropriate practices.
Become conversant with the developmentally appropriate practice standards published by NAEYC (National Association for the Education of Young Children) and understand how they apply to making effective educational decisions that will benefit children and enhance their growth and development.
Communicate the principles of developmentally appropriate practices to parents and colleagues.
Understand how to create classrooms that incorporate the five guidelines or points of the "Mariner's Star":

creating a caring community of learners
teaching to enhance development and learning
constructing an appropriate curriculum
assessing children's learning and development
establishing reciprocal relationships with families.

Gain a functional understanding of how teachers within a developmental model implement appropriate guidance and classroom management strategies, function in "lead" and "support" teacher roles, create and modify effective learning environments, facilitate and scaffold learning and, develop strategies to meet the diversity of needs in the children and families they serve.

Title
Research and Evaluation Methodologies

Tags
182357, 1

Learning Outcome
Utilize observational opportunities to assess teaching roles, learning environments, and young children’s individual and/or group learning.

SFL 222 - Practicum in Developmentally Appropriate Practices

Course Information

Teaching Area (new)
SFL

Course Number
222

Teaching Area
SFL

Course Title
Practicum in Developmentally Appropriate Practices

Course Description
Initial practicum with young children to increase understanding of socialization and learning processes, to create meaningful learning opportunities, and to implement developmentally appropriate practices. The purpose of the course is to link the theoretical concepts gained in SFL 221 to the practical experience.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 210 - Human Development

Other Prerequisites
SFL 221 must be taken concurrently with SFL 222.

Note
NOTE: Only SFL and FACS ED majors are allowed to register for this course.
NOTE: Due to enrollment constraints, SFL 222 may not be retaken to improve a grade unless approved by the Child and Family Studies Laboratory Steering Committee.

Learning Outcomes

Title
Research and Evaluation Methodologies

Tags
182046, 1

Learning Outcome
Demonstrate understanding of how children develop and learn by assisting in and developing learning opportunities that support social, intellectual and personal growth.
Develop instructional strategies for teaching children in small group and large group classroom settings.
Evaluate and record student learning to assess instructional goals and objectives to drive continuing classroom instruction
Use understanding of individual and group behavior to establish a learning environment that encourages active engagement, positive interactions and self motivation.
Reflectively evaluate daily and weekly goals, assignment objectives and program expectations to refine personal development in teaching.
Demonstrate professional habits that will guide interpersonal and caree choices.

SFL 223 - Preparation for Marriage

Course Information

Teaching Area (new)
SFL

Course Number
223

Teaching Area
SFL

Course Title
Preparation for Marriage

Course Description
Factors related to quality relationships, mate selection, and the transition into marriage.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcome 1

Tags
182065, 1

Learning Outcome
To increase your understanding of the Lord's divine plan for your own personal development and marriage relationship (e.g., personal progression, the divine institution of marriage, the covenant of marriage, family stewardships, etc.) leading to lifelong learning and service.

Title
Learning Outcome 2

Learning Outcome
To increase your capacity and skills in problem solving and communication in relationships.

Title
Learning Outcome 3

Learning Outcome
To sensitize you to modern threats to dating and marriage in our contemporary culture using social science research and gospel principles.

Title
Learning Outcome 4

Learning Outcome
To increase your understanding of the Savior's doctrines of marriage, including gospel teachings on equal partnership, love, commitment, forgiveness, chastity, dating, courtship, sexual intimacy, finances, becoming parents, marital distress, and other aspects of the marital stewardship.

Title
Learning Outcome 5

Learning Outcome
To increase your awareness of the factors that social science research has shown to contribute to the formation and maintenance of healthy and stable marriages.

Title
Learning Outcome 6

Learning Outcome
To enhance your own spiritual awareness and academic skills to help you weigh scholarly and contemporary ideas about marriage relationships and use both faith and scholarship to evaluate issues surrounding marriage and defend the institution of marriage throughout your life.

SFL 230 - Housing the Family

Course Information

Teaching Area (new)
SFL

Course Number
230

Teaching Area
SFL

Course Title
Housing the Family

Course Description
Social-psychological, economic, and political aspects of housing families; making selections that will enhance the quality of housing, increase productivity, and protect the health, safety, and well-being of the family across the life cycle.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Learning

Tags
182341, 0

Learning Outcome
Become versed in selecting and purchasing homes, including home quality, location and floor plans, building and functional and support systems, evaluation, purchase financing options, responsibilities and obligations of home ownership. This includes online research and in-person examination of model homes to learn about features, benefits and limitations of home layout and quality.Understand theory and application of interior design concepts and the ways these relate to creating a home that meets the physical, emotional and psychological needs of the family.Critically compare features, benefits and pricing and selecting large home expenditures such as appliances, furnishings, lighting, textile products, flooring, window coverings and accessories through book learning, class lectures, on-line comparisons and field trip experiences.Become competent in e-design floor plan software programs in the selection, costing and placement of interior furnishing components, including cross-referencing and sourcing skills.Evaluate equally elements of living the gospel in all housing and family living decisions through preparation of assigned gospel living at home topics presented in class.Demonstrate competency in learning from each other through in class participation, field trips, in-class presentations, and through interactive teacher presentations.

SFL 240 - Parenting and Child Guidance

Course Information

Teaching Area (new)
SFL

Course Number
240

Teaching Area
SFL

Course Title
Parenting and Child Guidance

Course Description
Theories and skills related to quality parent-child relationships.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Theory

Tags
182047, 1

Learning Outcome
Critically examine theories of overall parenting styles and the impact of these styles upon optimal parenting.
Critically examine parenting practices within the overall parenting styles and the impact of these practices upon optimal parenting.
Identify effective parenting practices in the context of various life stages.
Understand parenting principles that may heighten professional and/or parental potential.

Title
Effective Writing and Analysis

Tags
182067, 2

Learning Outcome
Synthesize in writing an analysis of parenting styles and practices of your family of origin and how you may modify those styles and practices with the principles obtained in this class.
Examine and write in depth a specific area of interest related to parenting styles and practices.

SFL 260 - Family Finance

Course Information

Teaching Area (new)
SFL

Course Number
260

Teaching Area
SFL

Course Title
Family Finance

Course Description
Introduction to time value of money, budgeting, saving, credit, taxes, housing, insurance, and investing emphasizing practical application in the home.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Outcome 1

Tags
182502, 1

Learning Outcome
Explain and apply doctrinal principles of financial stewardship, including consecration, tithing, generosity, and care for the poor, in ways that strengthen personal faith, family relationships, and discipleship.

Title
Outcome 2

Learning Outcome
Make thoughtful financial decisions about budgeting, borrowing, saving, investing, housing, insurance, and long-term planning using appropriate financial tools and principles.

Title
Outcome 3

Learning Outcome
Create and maintain a personal or family financial plan that promotes long-term stability and wise stewardship.

Title
Outcome 4

Learning Outcome
Identify best practices for finding harmony between work and family life, managing money within a marriage relationship, and teaching children about money.

SFL 261 - Consumerism and the Marketplace for Secondary Teachers

Course Information

Teaching Area (new)
SFL

Course Number
261

Teaching Area
SFL

Course Title
Consumerism and the Marketplace for Secondary Teachers

Course Description
A pre-service preparation course designed to prepare FACSED classroom teachers to teach content regarding dynamics of consumerism and the marketplace and develop skills for implementing a discipline-based approach for teaching consumerism in secondary schools.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Consumer Rights

Tags
182008, 1

Learning Outcome
Identify consumer rights, responsibilities, and remedies and identify effective practices for purchasing consumer goods and services.

Title
Legal and ethical considerations

Tags
182009, 2

Learning Outcome
Synthesize legal and ethical considerations of being an informed consumer in today's market.

Title
Knowledge of private and government agencies

Tags
182010, 3

Learning Outcome
Identify and explain the purposes and features of private and government agencies providing assistance, information, and published materials that are consumer resources for decision making.

Title
Understanding roles of labels and warranties

Tags
182011, 4

Learning Outcome
Distinguish the roles of labels, warranties, guarantees, and advocate groups in wise consumer behavior.

Title
Interaction of how consumer agencies interact

Tags
182012, 5

Learning Outcome
Determine how government, business, and the consumer interact for the mutual benefit of each other in the marketplace.

Title
How to make prudent selection of services

Tags
182013, 6

Learning Outcome
Analyze prudent steps in the selection of healthcare, childcare, elder care, repair services, household materials, automobiles, toys, and equipment.

Title
Ways to avoid identity theft and fraud

Tags
182014, 7

Learning Outcome
Describe ways to avoid identity theft, fraud, deceptions, and rip-offs.

Title
Understanding financial contracts

Tags
182015, 8

Learning Outcome
Explain the importance of understanding financial contracts (disclosure information, grace period, payment penalties, method of interest calculation).

Title
Perform market analysis

Tags
182016, 9

Learning Outcome
Perform a market analysis exercise and exercise better shopping practices.

SFL 276R - Exploration of Teaching: Family and Consumer Sciences

Course Information

Teaching Area (new)
SFL

Course Number
276R

Teaching Area
SFL

Course Title
Exploration of Teaching: Family and Consumer Sciences

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Major-area preadmission requirements; FBI fingerprint and background clearance.

Learning Outcomes

Title
Aligning Curriculum and Instructional Goals

Tags
209480, 0, 3

Learning Outcome

Students will be able to use the strands and standards developed by the Utah State Board of Education to identify a central conept for planning instruciton appropriate to a particular grade level and topic.

Title
Analyzing Classroom Instruction

Tags
209481, 0, 4

Learning Outcome
Students will be able to analyze and describe the family and consumer sciences experiences of adolescents in terms of the tasks, discourse and learning environments they observe in public school classrooms, and can reconcile the theoretical principles of their university experience with the reality of a secondary classroom.

Title
Family and Consumer Sciences Practices

Tags
209478, 0, 1

Learning Outcome

Students will be able to understand family and consumer sciences practices and use them to engage in meaningful family and consumer sciences exploration and reflect on their own use of these practices to make inferences about how adolescents might engage in family and consumer sciences tasks.

Title
Philosophy of Teaching and Learning Family and Consumer Sciences

Tags
209479, 0, 2

Learning Outcome

Students will be able to articulate a philosophy of teaching and learning family and consumer sciences eductaion based on the professional standards for teaching family and consumer sciences, the moral dimensions of teaching, and the INTASC standards.

SFL 280 - Dynamics of Clothing

Course Information

Teaching Area (new)
SFL

Course Number
280

Teaching Area
SFL

Course Title
Dynamics of Clothing

Course Description
Introduction to the influences, meanings, and dimensions of individual clothing selection processes and its effect on families, communities, and cultures.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Clothing and Meaning

Tags
182023, 0, 1

Learning Outcome

Standard #1: Develop Critical Judgment
The student will be able to develop critical judgment about the effects of clothing upon the physical, social, psychological, and economic well-being of individuals, families, and social groups.
Standard #2: Terminology and Theories
The student will be able to determine how terminology, concepts, and theories affect consumer behavior in relation to clothing.
Standard #3: Fashion Industry
The student will be able to identify and understand the interrelationships among areas in the fashion industry and become aware of related careers.
Standard #4: Designers
The student will be able to analyze and describe the impact influential fashion designers have had on the decisions and trends that affect fashion today.
Standard #5: Types of Research
The student will be able to articulate how different research methods influence certain aspects of the fashion industry.
Standard #6 Critical Thinking Skills:
The student will be able to apply critical thinking skills to communicate ideas related to clothing in the family.

SFL 287 - Intermediate Sewing Techniques

Course Information

Teaching Area (new)
SFL

Course Number
287

Teaching Area
SFL

Course Title
Intermediate Sewing Techniques

Course Description
Assessing and executing various sewing techniques, including construction of several full-scale garments.

Department
Family Life

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
4

Other Prerequisites
SFL 185R or equivalent sewing skills.

Fee
30

Note
Student-supplied materials required. Fee.

Learning Outcomes

Title
Technique with Fabrics

Tags
182359, 0

Learning Outcome
Identify correct sewing techniques for various fabrics

Title
Quality Characteristics

Learning Outcome
Describe quality characteristics of various sewing techniques

Title
Correct Terminology

Learning Outcome
Demonstrate following proper procedures while applying correct advanced terminologies

Title
Sequencing Specifications

Learning Outcome
Create sewing projects that meet the sequencing specifications for different types and styles of fabric

SFL 290 - Critical Inquiry and Research Methods

Course Information

Teaching Area (new)
SFL

Course Number
290

Teaching Area
SFL

Course Title
Critical Inquiry and Research Methods

Course Description
Philosophies of critical inquiry. Principles of designing, conducting, and reporting social science investigations.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Evaluate Research Designs

Tags
182024, 1

Learning Outcome
Evaluate the strengths and weaknesses of different methods of inquiry used in investigating the human contexts of human development, home, and family.

Title
Conduct a Research Study

Tags
182025, 2

Learning Outcome
Conduct a research study and write up the results.

Title
Practical Experience with Research

Tags
182026, 3

Learning Outcome
Gain practical experience in using research methods.

SFL 305 - Applied Statistics & Data Management

Course Information

Teaching Area (new)
SFL

Course Number
305

Teaching Area
SFL

Course Title
Applied Statistics & Data Management

Course Description
Data management, statistical methods, data visualization and presentation, and research documentation, with data about families.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
None

SFL 306 - Pediatric Bereavement, Death and Dying

Course Information

Course Number
306

Teaching Area
SFL

Course Title
Pediatric Bereavement, Death and Dying

Course Description
Death and the dying process will be explored from spiritual, physical, cultural, and psychosocial perspectives among pediatric populations. Comparisons will be drawn between end-of-life care for children in Western compared to other cultures and ethnic backgrounds.

Department
Family Life

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- SFL 210 - Human Development

Recommended
SFL 359

Learning Outcomes

Title
Personal views

Tags
214407, 0, 1, 2023-08-29 12:22:36

Learning Outcome
Students will be able to articulate their personal views and attitudes toward death and dying.v

Title
Cultural attitudes

Tags
214408, 0, 2, 2023-08-29 12:22:41

Learning Outcome
Students will be able to identify societal and cultural attitudes toward death.

Title
Guiding principles

Tags
214409, 0, 3, 2023-08-29 12:22:52

Learning Outcome
Students will be able to describe guiding principles of end-of-life care.

Title
Models

Tags
214410, 0, 4, 2023-08-29 12:22:56

Learning Outcome
Students will be able to distinguish between the medical model & patient-centered approach to dying.

Title
End-of-life care

Tags
214411, 0, 5, 2023-08-29 12:23:03

Learning Outcome
Students will describe and evaluate factors that influence patient preferences in end-of-life care.

SFL 315 - Effective Writing & Presenting

Course Information

Teaching Area (new)
SFL

Course Number
315

Teaching Area
SFL

Course Title
Effective Writing & Presenting

Course Description
Principles, tools, and extensive practice to become effective writers and presenters in School of Family Life disciplines, as well as in more general settings.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 290 - Critical Inquiry and Research Methods

Note
Fulfills GE Advanced Writing requirement.

Learning Outcomes

Title
Disciplinary Research and Writing

Tags
182508, 1

Learning Outcome
Demonstrate learning in the process of disciplinary research and writing, rhetorical knowledge, effective writing processes, knowledge of disciplinary writing conventions, effective oral presentation, and well-designed media support.

Title
Reliable Sources of Information

Tags
182509, 2

Learning Outcome
Access reliable sources of information about the family, critically evaluate claims, take effective notes, create logical arguments, use supporting evidence, employ correct grammar, write multiple drafts, and avoid plagiarism while engaging in disciplinary research and writing.

Title
Synthesize Concepts, Theories, and Research Findings

Tags
182510, 3

Learning Outcome
Identify major concepts, theories, and research findings in several substantive areas related to marriage, family, and home; synthesize those findings; and effectively write to academic, professional/clinical, and general audiences.

Title
Apply The Family: A Proclamation to the World

Tags
182511, 4

Learning Outcome
Apply doctrine and principles of The Family: A Proclamation to the World to inform, inspire, and motivate disciplinary writing.

SFL 325 - Marital Relationships: Theory and Research

Course Information

Teaching Area (new)
SFL

Course Number
325

Teaching Area
SFL

Course Title
Marital Relationships: Theory and Research

Course Description
Critical analysis of literature regarding dating, spouse selection, and transition to marriage processes leading to successful marriage, as well as processes for maintaining, strengthening, and repairing marital relationships. Preparation for research and teaching in the field.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment.

Learning Outcomes

Title
Content and Theory

Tags
182027, 1

Learning Outcome
Critically explore and consider ideas and theories about why people form romantic relationships.
Critically examine current cultural trends in relationship formation, duration, and dissolution.
Synthesize and explore scientific findings about why marriages may succeed or fail.
Understand principles that will allow you to integrate the information from class into your personal belief system so that it is useful for you in your professional and personal endeavors while strengthening your beliefs in the gospel.

SFL 328 - History of Interior Design and Architecture 1

Course Information

Teaching Area (new)
SFL

Course Number
328

Teaching Area
SFL

Course Title
History of Interior Design and Architecture 1

Course Description
History of interior design, architecture, and furnishings from ancient Egypt to beaux arts movement. French, English, and American design.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Learning

Tags
182017, 1

Learning Outcome
Identify important motifs, interior, and exterior architectural styles from each of the historical periods covered in class.
Identify furniture, designers, and minor/decorative arts from each of the historical periods covered in class.
Understand the relationship of the design periods to history and culture.

SFL 329 - History of Interior Design and Architecture 2

Course Information

Teaching Area (new)
SFL

Course Number
329

Teaching Area
SFL

Course Title
History of Interior Design and Architecture 2

Course Description
Furniture, interior design, and architecture from Industrial Revolution to present.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Housing Styles

Tags
182019, 1

Learning Outcome
Students will identify the popular types of housing styles of 1900-2011.
Students will explain how each style was influenced by political and economic factors

Title
Architects

Tags
182020, 2

Learning Outcome
Students will identify the architects that had an impact on the various periods of architecture.

Title
Influence on Culture

Tags
182021, 3

Learning Outcome
Students will analyze how the various styles of architecture were influenced by society and culture.

SFL 330 - Preprofessional Preparation for Marriage and Family Therapy

Course Information

Teaching Area (new)
SFL

Course Number
330

Teaching Area
SFL

Course Title
Preprofessional Preparation for Marriage and Family Therapy

Course Description
Overview of profession, licensing, and application to graduate study.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Theory

Tags
182028, 1

Learning Outcome
Review and evaluate at least two accredited Marriage and Family Therapy programs.
Write a letter of application to an accredited Marriage and Family Therapy program of your choice
Have letter of application to an accredited Marriage and Family Therapy program reviewed by at least one Marriage and Family Therapy faculty member.
Become familiar with career options in Marriage and Family Therapy and begin to formulate career choices.

SFL 331 - Infant Development in the Family

Course Information

Teaching Area (new)
SFL

Course Number
331

Teaching Area
SFL

Course Title
Infant Development in the Family

Course Description
Conception, prenatal development, pregnancy. Physical, cognitive, and social development of the first twenty-four months. Implications for guidance and care in the family.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Human Development Content and Theory

Tags
182049, 1

Learning Outcome
Critically examine the needs, development, and important variation in development during the first 2-3 years of life.

Title
Human Development Content and Theory

Tags
182050, 2

Learning Outcome
Understand the underlying developmental processes associated with dramatic changes that occur during infancy with the family as an important backdrop.

Title
Effective Writing and Analysis

Tags
182312, 3

Learning Outcome
Critically synthesize and write in depth a specific area of interest related to infant development.

Title
Research and Evaluation Methodologies

Tags
182365, 1

Learning Outcome
Develop skills for critical evaluation of research and theory in the area of infant development.

SFL 333 - Adolescent Development in the Family and Other Social Contexts.

Course Information

Teaching Area (new)
SFL

Course Number
333

Teaching Area
SFL

Course Title
Adolescent Development in the Family and Other Social Contexts.

Course Description
Examining the developmental and social contexts of adolescents with emphasis on the importance of the family. Other contexts include peers, religion, community, schools, and cross-cultural issues.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

SFL 334 - Adult Development and Aging in the Family

Course Information

Teaching Area (new)
SFL

Course Number
334

Teaching Area
SFL

Course Title
Adult Development and Aging in the Family

Course Description
Adjustments to physical, emotional, social, and economic changes. Needs arising from changes in family relationships, living arrangements, and employment; retirement planning.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Learning

Tags
182069, 1

Learning Outcome
Interact with older adults (parents, grandparents, neighbors, ward members, research participants, clients, etc.) in an informed (accurate knowledge of relevant issues) and sensitive (aware of "life course" perspective) manner.
Apply complex interactions of gerontology concepts to real-life situations, including current issues in local, national, and world communities.
Understand and articulate basic age-related biological, psychological, and sociological processes and learn how to access and evaluate information about those age-related experiences.
Synthesize course concepts through observing, serving, and interacting with older adults in the community.

SFL 335 - Family Adaptation and Resiliency

Course Information

Teaching Area (new)
SFL

Course Number
335

Teaching Area
SFL

Course Title
Family Adaptation and Resiliency

Course Description
Understanding family resiliency and building family strengths in normative transitions (birth, death, job) and nonnormative transitions (divorce, disability, remarriage, poverty, violence). Developing familial, social, religious, and instrumental resources to adapt positively to these transitions.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effective Writing and Analysis

Tags
182316, 1

Learning Outcome
Demonstrate improvement in course content writing skills.

Title
Content and Theory

Tags
182384, 1

Learning Outcome

Articulate the main conceptual frameworks which help us understand how families cope with stress.
Demonstrate how a wide range of life events influence families both positively and negatively.
Demonstrate what factors contribute to whether families respond positively or negatively to life events and transitions.
Understand and apply how gospel principles regarding the family, charity, faith and trials interconnect with scholarly research on family stress.

SFL 336 - Theories in Family Perspective

Course Information

Teaching Area (new)
SFL

Course Number
336

Teaching Area
SFL

Course Title
Theories in Family Perspective

Course Description
Introduction of major theoretical perspectives and of philosophical issues. Readings include representative papers applying theoretical and philosophic tenets.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment.

Learning Outcomes

Title
Outcome 1

Tags
182029, 1

Learning Outcome
Understand the key assumptions, concepts, and propositions of major family theories.

Title
Outcome 2

Tags
182306, 2

Learning Outcome
As disciple-scholars, critically evaluate family theories from both scholarly and gospel perspectives.

Title
Outcome 3

Tags
182307, 1

Learning Outcome
Analyze and write about family life using theoretical language.

Title
Outcome 4

Learning Outcome
Identify ways to strengthen diverse families through Christlike application of family theories.

Title
Outcome 5

Learning Outcome
Apply family theories to personal, spiritual, and professional development

SFL 340 - Family Meal Management

Course Information

Teaching Area (new)
SFL

Course Number
340

Teaching Area
SFL

Course Title
Family Meal Management

Course Description
Organizing and managing time, energy, finance, and nutrition in planning, preparing, and serving family meals; ethnic and cultural diversity in etiquette and meal planning. Lab required.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
SFL 110 or instructor's consent.

Learning Outcomes

Title
Content and Learning

Tags
182305, 0

Learning Outcome
Develop a philosophy of why meal preparation and consumption at the family table is an important component in development and stability of families.Plan attractive meals with consideration for nutritional adequacy, income level, social, cultural, psychological, palatability, and aesthetic factors.Employ sanitation standards and safety procedures in food handling and in the use and care of kitchen utensils, equipment, and food storage.Demonstrate an understanding of factors affecting food habits, meal consumption patterns, and trends in food cost.Utilize managerial skills and available resources in food purchasing, and meal planning, preparation, and service

SFL 345 - Family Life in World Religions

Course Information

Teaching Area (new)
SFL

Course Number
345

Teaching Area
SFL

Course Title
Family Life in World Religions

Course Description
How families of various faiths live their religion in their homes, with emphasis on practical, day-to-day home and family life rather than on abstract theology.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
SFL 160

Learning Outcomes

Title
Content and Theory

Tags
182030, 1

Learning Outcome
Critically evaluate how families of other faiths live their faith in their homes.
Synthesize and give thoughtful consideration on how to best to live LDS beliefs and practices in day-to-day home life.
Evaluate and synthesize how to learn optimal characteristics from people of other faiths.
Demonstrate critical thinking skills on practical living.

SFL 351 - Social Development

Course Information

Teaching Area (new)
SFL

Course Number
351

Teaching Area
SFL

Course Title
Social Development

Course Description
Processes and sequences of social development across childhood and adolescence in areas such as attachment, the self, emotions, achievement, gender, aggression, and pro-social behavior as socialized by parents, siblings, peers, the media, and schools.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment.

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Theory

Tags
182054, 1

Learning Outcome
Acquire a base of knowledge of how family, peer, and media socialization affects the social development of children and adolescents.
Critically examine principles that are useful in caring for the children under your stewardship.

Title
Research and Evaluation Methodologies

Tags
182070, 2

Learning Outcome
Develop academic reading skills via frequent exposure to professional research articles.
Critically evaluate several central debates that are currently being debated in child psychology (particularly regarding child socialization).

Title
Effective Writing and Analysis

Tags
182385, 2

Learning Outcome
Develop professional writing skills by working with writing fellows and your instructor to produce a high-quality review of research in a particular domain of social development and/or socialization research.
Develop the ability to translate empirical knowledge for a lay-audience by working with writing fellows and your instructor to produce a high-quality lay-audience brochure/article.

SFL 352 - Perception, Cognition, & Language Development

Course Information

Teaching Area (new)
SFL

Course Number
352

Teaching Area
SFL

Course Title
Perception, Cognition, & Language Development

Course Description
Development of mental abilities; effects of maturation and learning on memory, perception, attention processes, intelligence, language, and social cognition.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment

Learning Outcomes

Title
Content and Theory 1

Tags
214413, 0, 1, 2023-08-29 12:23:48

Learning Outcome
Critically examine and discuss selected topics in perception, cognition, and language development.

Title
Content and Theory 2

Tags
214414, 0, 2, 2023-08-29 12:23:51

Learning Outcome
Identify and discuss selected theories and theoretical models of perception, cognition, and language development, as well as the various research methods used in the study of cognitive development.

Title
Content and Theory 3

Tags
214415, 0, 3, 2023-08-29 12:23:53

Learning Outcome
Describe how perception, cognition, and language development change throughout the life span.

Title
Research and Evaluation Methodologies

Tags
214416, 0, 4, 2023-08-29 12:23:56

Learning Outcome
Evaluate in empirical research studies a specific topic in perception, cognition, and language development and synthesize in each study the research questions, methodology, findings, and discussions of the findings.

Title
Effective Writing and Analysis

Tags
214417, 0, 5, 2023-08-29 12:23:58

Learning Outcome
Succinctly summarize in writing a collection of empirical studies on a topic in perception, cognition, and language development of your interest.

SFL 354 - Cross-Cultural Family and Human Development

Course Information

Teaching Area (new)
SFL

Course Number
354

Teaching Area
SFL

Course Title
Cross-Cultural Family and Human Development

Course Description
Comparative study of familial, social, and other factors in development.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or SFL 210 or concurrent enrollment

Learning Outcomes

Title
Learning Outcome 1

Tags
182031, 1

Learning Outcome
Gain understanding of major theories and research findings regarding demographic differences in human development and family life

Title
Learning Outcome 2

Learning Outcome
Analyze how sociodemographic characteristics such as gender, race, family structure, nationality, culture, and socioeconomic status function as critical contextual factors in marriage, family processes, and human development across the life course.

Title
Learning Outcome 3

Learning Outcome
Critically evaluate cultural assumptions, biases, and dominant-culture perspectives while also assessing potential implications for families, well-being, and social outcomes.

Title
Learning Outcome 4

Learning Outcome
Engage in reflective and empathetic theory-driven application of cross-cultural concepts and research to interpersonal, community, and professional contexts.

Title
Learning Outcome 5

Learning Outcome
Demonstrate growth as an informed, ethical, and globally minded citizen, prepared to engage thoughtfully with professional, community, and faith-based audiences in ways consistent with the mission and values of BYU

SFL 356 - Exploring Gender Development in Families

Course Information

Teaching Area (new)
SFL

Course Number
356

Teaching Area
SFL

Course Title
Exploring Gender Development in Families

Course Description
An exploration of biological and social contributions to gender development across the lifespan, including discussions of gender in mental health, relationships, employment, parenthood, and global opportunities for men and women within a gospel perspective.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
SFL 290

SFL 357 - Therapeutic Play Foundations

Course Information

Teaching Area (new)
SFL

Course Number
357

Teaching Area
SFL

Course Title
Therapeutic Play Foundations

Course Description
Play is an essential element for children???s growth, development, and learning; both therapeutic aspects and learning objectives of play in infants, children, and youth are examined.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- SFL 210 - Human Development

Recommended
SFL 359.

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

SFL 358 - Media, Family, and Human Development

Course Information

Teaching Area (new)
SFL

Course Number
358

Teaching Area
SFL

Course Title
Media, Family, and Human Development

Course Description
Aspects of media and their potential effects on family interactions and human development across the lifespan.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Content and Theory

Tags
182058, 1

Learning Outcome
Discuss the frequency of use of forms of media.
Describe the major theories and associated research that are used to describe media research.
Critically examine media theory and research in the field and apply course material to your own experiences.
Understand how media may influence human development.
Discuss how media can shape the family.

Title
Research and Evaluation Methodologies

Tags
182358, 1

Learning Outcome
Demonstrate research skills by researching a topic area relevant to the media.

SFL 359 - Child Life in Healthcare Settings

Course Information

Teaching Area (new)
SFL

Course Number
359

Teaching Area
SFL

Course Title
Child Life in Healthcare Settings

Course Description
Roles of child life specialists in preparing children and families for healthcare experiences. Content includes psychosocial and developmental needs of children, adolescents, and families in healthcare settings and impact of illness, injury, and hospitalization on the child and family.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- SFL 210 - Human Development

Recommended
SFL 331, 333, 351

Note
Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/SFL-359-M001.

Learning Outcomes

Title
Intellectual Enlargement

Tags
182059, 1

Learning Outcome
Students will be able to: Identify the elements of child life practice in healthcare settings including a historical review of the profession and its development in the evolution of pediatric healthcare. Use developmental theory to assess the impact of illness, injury and healthcare experiences on children and families (including well siblings), to identify stressors, and to advocate for appropriate services that facilitate overall well-being. Explain key principles of patient and family centered care in relationship to child life practice. Compare both historical and current perspectives on the rationale for psychological preparation and therapeutic play as a means of supporting children through healthcare encounters and life-changing events.

Title
Lifelong Learning and Service

Tags
182317, 2

Learning Outcome
Students will be able to: Describe the ways that child life specialists provide vital services to children and families that can impact individuals in positive ways for the rest of their lives. Describe and apply the code of ethics for the child life profession including the practices of beneficence, non-beneficence, respect for persons, autonomy, justice, veracity, fidelity, confidentiality and competence. Explain the importance of maintaining professional competence and staying current on best practices for children and their loved ones, describing how both are ongoing process and obligations for this profession.

Title
Spiritually Strengthening and Character Building

Tags
182324, 3

Learning Outcome
Students will be able to: Demonstrate how being a devoted certified child life specialist requires following ethical standards which, when followed, are spiritually strengthening and build character. Explain the contents of the official documents of the Association for Child Life Professionals and Child Life Certification Commission (ACLP/CLCC) including: Child LIfe Standards of Clinical Practice, Child Life Code of Ethics and Academic Requirements for Child Life Certification. Discuss topics related to pediatric grief from death and loss.

SFL 371 - Teaching with Technology in Family and Consumer Sciences Education

Course Information

Teaching Area (new)
SFL

Course Number
371

Teaching Area
SFL

Course Title
Teaching with Technology in Family and Consumer Sciences Education

Course Description
Learning educational methods and techniques for using technology in the Family and Consumer Sciences classroom.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

SFL 376 - Healthy Sexuality in Marriage

Course Information

Teaching Area (new)
SFL

Course Number
376

Teaching Area
SFL

Course Title
Healthy Sexuality in Marriage

Course Description
Understanding how healthy sexuality can be developed in marriage by surveying the relevant theories and research that are consistent with principles of the gospel. Students will be better able to facilitate health and growth in the families they work with as professionals and will be better prepared to navigate their own sexual feelings, thoughts, and behaviors in a way that is consistent with healthy relationship functioning and the doctrines of the gospel.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SFL 377 - Teaching Methods and Instruction in Family and Consumer Sciences Education

Course Information

Teaching Area (new)
SFL

Course Number
377

Teaching Area
SFL

Course Title
Teaching Methods and Instruction in Family and Consumer Sciences Education

Course Description
Developing meaningful and engaging instruction for secondary students; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 276R - Exploration of Teaching: Family and Consumer Sciences

Learning Outcomes

Title
Standard #4: Content Knowledge

Tags
182388, 3

Learning Outcome

The candidate understands the central concepts, tools of inquiry, and structures of the discipline.

Title
Standard #1: Learner Development

Tags
182389, 0

Learning Outcome

The candidate understands cognitive, linguistic, social, emotional and physical areas of student development.

Title
Standard #2: Learning Differences

Tags
182390, 1

Learning Outcome

The candidate understands individual learner differences and cultural and linguistic diversity.

Title
Standard #3: Learning Environments

Tags
182391, 2

Learning Outcome

The candidate works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.

Title
Standard #5: Assessment

Tags
182392, 4

Learning Outcome

The candidate uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met.

Title
Standard #7: Instructional Strategies

Tags
182393, 6

Learning Outcome

The candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.

Title
Standard #8: Reflection and Continuous Growth

Tags
182394, 7

Learning Outcome

The candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.

Title
Standard #9: Leadership and Collaboration

Tags
182395, 8

Learning Outcome

The candidate is a leader who engages collaboratively with learners, families, colleagues, and community members to build a shared vision and supportive professional culture focused on student growth and success

Title
Standard #10: Professional and Ethical Behavior

Tags
182396, 9

Learning Outcome

The candidate demonstrates the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.

Title
Standard #6: Instructional Planning

Tags
182397, 5

Learning Outcome

The candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content areas, Core Curriculum standards, instructional best practices, and the community content.

SFL 378 - Practicum in Secondary Education

Course Information

Teaching Area (new)
SFL

Course Number
378

Teaching Area
SFL

Course Title
Practicum in Secondary Education

Course Description
Field-based teaching experience directed at helping prospective teachers learn to give demonstrations, prepare for lab experiences, and execute the experience using meaningful and engaging instruction for students in the Family and Consumer Sciences content.

Department
Family Life

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 276R - Exploration of Teaching: Family and Consumer Sciences

Recommended
SFL 110, 185, and 276R

Learning Outcomes

Title
Management

Tags
182343, 1

Learning Outcome
Manage a food or clothing preparation lab by purchasing, maintaining, and caring for equipment and supplies.

Title
Assessment

Tags
182363, 4

Learning Outcome
The student will teach a lesson using best practice strategies and be assessed on that lesson based on the BYU CPAS Standards.

Title
Teach and Assist

Tags
182364, 3

Learning Outcome
Assist and teach in lectures and labs demonstrating knowledge of food and clothing content through proper care and use of equipment, preparation principles and techniques.

Title
Organization

Tags
182376, 2

Learning Outcome
Organize the labs so that they operate in the utmost efficiency through scheduling division of labor.

SFL 379 - Classroom Management and Lab Safety

Course Information

Teaching Area (new)
SFL

Course Number
379

Teaching Area
SFL

Course Title
Classroom Management and Lab Safety

Course Description
Current theory, research, and application in classroom management; creating positive teacher-student and peer relationships; developing optimal learning environments.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

SFL 380 - History of Apparel

Course Information

Teaching Area (new)
SFL

Course Number
380

Teaching Area
SFL

Course Title
History of Apparel

Course Description
Costume, clothing, and textiles as mediums for understanding the stages and states of individuals, families, and societies; apparel diversity and cultural identity.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Learning

Tags
182310, 0

Learning Outcome
Critically analyze how western cultural heritage is evidenced in the evolution of clothing through time periods.Be able to distinguish clothing from various points in time by their characteristics and details.Be able to recognize the importance of catalytic events, people and technological developments and how they influenced fashion.Demonstrate how to use vocabulary and terminology specific to particular periods of time in order that we may more accurately express ourselves and communicate clearly.Understand how the value systems and beliefs of societies are reflected in their clothing.Be able to conduct personal research of interest and share those findings in a professional manner with the class.

SFL 382 - Textiles

Course Information

Teaching Area (new)
SFL

Course Number
382

Teaching Area
SFL

Course Title
Textiles

Course Description
Natural and synthetic textile fibers, yarns, fabric construction, dyes, and finishes. Care and performance of textile fabrics for clothing and household use.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1.5

Fee
20

SFL 387 - Advanced Sewing Studies: Patternmaking

Course Information

Teaching Area (new)
SFL

Course Number
387

Teaching Area
SFL

Course Title
Advanced Sewing Studies: Patternmaking

Course Description
Flat pattern design, basic drafting, and basic draping for apparel.

Department
Family Life

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 287 - Intermediate Sewing Techniques

Note
Student-supplied materials required.

Learning Outcomes

Title
Garment Fit and Alteration:

Tags
182296, 0

Learning Outcome
Evaluate and apply the four aspects of fit-balance, ease, grain, and line-to achieve a personalized fit. Adjust patterns and garment prototypes based on iterative fitting sessions.

Title
Pattern Modification for Denim Garments:

Learning Outcome
Modify and adapt commercial pants patterns to incorporate structural and stylistic elements, such as yokes, closures, pockets, and waistbands.

Title
Terminology and Industry Standards:

Learning Outcome
Accurately apply advanced garment construction terminology and follow industry-standard procedures for sewing and fitting.

Title
Advanced Sewing Techniques for Durable Garments:

Learning Outcome
Demonstrate mastery of advanced construction methods including durable seam finishes, precise topstitching, hardware or closure applications, and professional finishing techniques appropriate to the selected garment.

Title
Sustainability in Apparel Construction:

Learning Outcome
Apply sustainable practices in material selection, waste reduction, and construction planning. Evaluate the environmental impact of materials and construction techniques during production and explore alternative sourcing and reuse options.

Title
Creative Expression within Functional Design:

Learning Outcome
Integrate personalized design choices while maintaining structural integrity and functional wearability, reflecting both technical skill and creative intent.

SFL 393R - Special Projects in Advanced Clothing Construction

Course Information

Teaching Area (new)
SFL

Course Number
393R

Teaching Area
SFL

Course Title
Special Projects in Advanced Clothing Construction

Course Description
Special projects in advanced clothing construction.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Fee
15

SFL 395R - Special Topics in Family Life

Course Information

Teaching Area (new)
SFL

Course Number
395R

Teaching Area
SFL

Course Title
Special Topics in Family Life

Course Description
Specific topics in home and family living, human development, marriage and family studies, or marriage and family therapy.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Mentored Investigation of Special Topics

Tags
182034, 1

Learning Outcome
Under the direction of a mentoring professor, students will critically examine, investigate, and integrate the literature for a topic of interest in human development and family studies.

SFL 399R - Academic Internship

Course Information

Teaching Area (new)
SFL

Course Number
399R

Teaching Area
SFL

Course Title
Academic Internship

Course Description
Supervised professional experiences linking academic learning with experience in the field.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Lab Hours

Fixed:
0

Other Prerequisites
Internship program coordinator's consent

Note
Forty-five internship hours required per credit hour. An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
182475, 1

Learning Outcome
Complete a supervised internship in an employment setting or agency related to human development, marriage, family, or home.
Link academic learning and coursework with these professional experiences.
Complete a minimum of 45 hands-on hours per credit.

SFL 400 - Addiction, Recovery, Healing in Marriage and Families

Course Information

Teaching Area (new)
SFL

Course Number
400

Teaching Area
SFL

Course Title
Addiction, Recovery, Healing in Marriage and Families

Course Description
Addiction, recovery, and healing are examined in marriage and family context; beginning preparation for relationship-oriented addiction recovery counseling careers.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
SFL 336

Learning Outcomes

Title
Students Content and Theory

Tags
182403, 1

Learning Outcome

Students will gain a compassionate as well as academic understanding of the nature and experience of addiction that informs them of how persons can assist in recovery in a helping role--learning both academically and from the firsthand perspectives of individuals, couples, and families struggling with addiction and striving for recovery.

Students will be aware of clinical diagnostic criteria used by helping professionals to identify the presence of a substance or behavioral addiction or compulsion.

Students will understand the numerous dimensions and dynamics contributing to powerlessness of addiction and will understand how that knowledge informs recovery work and intervention.

Students will be able to evaluate couple/family relationships affected by addiction and each couple's/family's needs in recovery.

Students will learn a model for recovery and healing in relationship context.

Building on the entire course curriculum and experience students will be able to outline a process for individual recovery and relationship healing from addiction.

SFL 401 - Helping Relationships

Course Information

Teaching Area (new)
SFL

Course Number
401

Teaching Area
SFL

Course Title
Helping Relationships

Course Description
Practicum in common factors in personal, professional, and volunteer helping relationships. Students explore and enhance their proficiency in therapeutic relationships, motivational interviewing, relationship mediation, and relationship systems conceptualization.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
SFL 336.

SFL 403R - Research/Creative Works Practicum

Course Information

Teaching Area (new)
SFL

Course Number
403R

Teaching Area
SFL

Course Title
Research/Creative Works Practicum

Course Description
Research/Creative works experience in a project directed by a faculty member.

Department
Family Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Mentored Research

Tags
182035, 1

Learning Outcome

Students will conduct research with a mentoring professor which may include literature reviews, data collection, data coding, data management, data analysis, constructing statistical tables, writing proposals for conferences, and writing manuscripts to be submitted for publication.

SFL 420 - Administering Programs for Young Children

Course Information

Teaching Area (new)
SFL

Course Number
420

Teaching Area
SFL

Course Title
Administering Programs for Young Children

Course Description
Strategies for planning and administering quality programs in settings for young children. Budgeting, staffing, accrediting, selecting equipment, etc.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 222 - Practicum in Developmentally Appropriate Practices

Learning Outcomes

Title
Content and Theory

Tags
182060, 1

Learning Outcome
Demonstrate how to operationalize appropriate curriculum based on your understanding of development and be able to critically design early childhood programs.
Plan the physical environment including financing and budgeting of an early childhood program.
Obtain information and guidelines on nutrition, health, and safety services for young children.

Title
Research and Evaluation Methodologies

Tags
182386, 1

Learning Outcome
Develop strategies for assessing, recording, and reporting children's progress as well as evaluating the overall effectiveness of the program.
Critically evaluate ways to contribute to the profession by addressing the individual needs of the families; influencing public policy; and becoming involved in research.

SFL 449 - Biological Foundations of Human Development

Course Information

Teaching Area (new)
SFL

Course Number
449

Teaching Area
SFL

Course Title
Biological Foundations of Human Development

Course Description
Biological, genetic, and neurological foundations of human development and their interactions with family socialization processes.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment

Learning Outcomes

Title
Research and Evaluation Methodologies

Tags
182061, 1

Learning Outcome
Critically examine and analyze current research in the areas of developmental psychobiology.

Title
Content and Theory

Tags
182344, 0

Learning Outcome
Understand how biological process influences human development.Understand and synthesize the intersections between biology, psychology, and behavior in a developmental context.

Title
Effective Writing and Analysis

Tags
182373, 2

Learning Outcome
Demonstrate critical thinking/writing skills.

SFL 453 - Moral Development

Course Information

Teaching Area (new)
SFL

Course Number
453

Teaching Area
SFL

Course Title
Moral Development

Course Description
Theories and applications of moral development, including moral reasoning, moral emotions, contextual factors, and socialization influences that influence moral decisions and moral behavior.

Department
Family Life

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
- SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 210 or concurrent enrollment

Learning Outcomes

Title
Content and Theory

Tags
182062, 1

Learning Outcome
Critically examine and discuss selected topics in moral development, as well as being able to apply the information and skills learned in this class to your own life.
Understand the different constructs that contribute to moral development, such as cognition, emotion, identity, context, and culture.
Be able to discuss socialization influences that impact children's moral development, such as parents, peers, teachers, and media.

Title
Effective Writing and Analysis

Tags
182303, 2

Learning Outcome
Think and write in a synthesized, analytical fashion, combining information across sources rather than merely summarizing information.

Title
Research and Evaluation Methodologies

Tags
182338, 1

Learning Outcome
Identify and discuss the major theories of moral development, as well as the various research methods used in the study of moral and prosocial development.

SFL 460 - Advanced Family Processes

Course Information

Teaching Area (new)
SFL

Course Number
460

Teaching Area
SFL

Course Title
Advanced Family Processes

Course Description
Applying evidence-based best practices, processes, and principles in developing personal wellbeing and family strengths. May include communication, reconciliation, ritualization, conflict resolution, honoring agency, trauma, distance regulation, forgiveness, gratitude, physiology and relationships, healthy religious processes

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment

Learning Outcomes

Title
Learning Outcome 1

Tags
182489, 1

Learning Outcome
Analyze how family processes, viewed as dynamic patterns (not fixed traits), influence couple and family functioning.

Title
Learning Outcome 2

Tags
182490, 2

Learning Outcome
Evaluate the quality of family process research and theories explored in class by identifying (a) how processes are studied, (b) which conclusions are supported by evidence, and (c) what factors (e.g., design, sampling, culture, doctrine) should shape interpretation and application.

Title
Learning Outcome 3

Tags
182491, 3

Learning Outcome
Integrate evidence-based principles, social science research, family processes, and gospel principles to foster loving, Christ-centered marriage and family relationships.

Title
Learning Outcome 4

Learning Outcome
Apply course principles to teach, mentor, or counsel families in personal, professional, and pastoral settings by (a) evaluating one's own relationship processes and (b) preparing to transition from "Enter to Learn" to "Go Forth to Serve" by blessing couples and families.

SFL 461 - The Family and the Law

Course Information

Teaching Area (new)
SFL

Course Number
461

Teaching Area
SFL

Course Title
The Family and the Law

Course Description
Legal environment of the family system, with emphasis on husband-wife and parent-child relationships, rights, and responsibilities.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment

Learning Outcomes

Title
Content and Theory

Tags
182037, 1

Learning Outcome
Critically analyze the historical and practical application of the law to your family.
Critically analyze the profound implications that family law has on your relationships.
Critically analyze the legitimacy of laws governing unnerving and sometimes painful issues.
Be able to discuss sensitive issues different than your own in order to broaden your understanding as well as hone your ability to judge.
Understand and synthesize issues addressed in class such as marriage, adoption, infertility, divorce, addiction, etc.

SFL 465 - Marital and Family Therapy/ Enrichment Techniques

Course Information

Teaching Area (new)
SFL

Course Number
465

Teaching Area
SFL

Course Title
Marital and Family Therapy/Enrichment Techniques

Course Description
Theories and techniques. Professional family enrichment and therapy applied to couples and families.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 160 - Introduction to Family Processes
  AND SFL 210 - Human Development
  AND SFL 290 - Critical Inquiry and Research Methods

Other Prerequisites
SFL 160 or concurrent enrollment

Learning Outcomes

Title
Content and Theory

Tags
182038, 1

Learning Outcome
Analyze and assess marital and family behavior.Describe ways of modifying marital and family systems using both educational/enrichment approaches and therapy approaches.

Title
Research and Evaluation Methodologies

Tags
182308, 1

Learning Outcome
Interview and evaluate couples and families.Use appropriately self-report measures.Observe marital and family behavior in meaningful ways.Set intervention goals based on observation and assessment.

Title
Effective Writing and Analysis

Tags
182348, 2

Learning Outcome
Write reports describing interpersonal dynamics.

SFL 476 - Secondary Student Teaching - Consumer Science

Course Information

Teaching Area (new)
SFL

Course Number
476

Teaching Area
SFL

Course Title
Secondary Student Teaching - Consumer Science

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a major GPA of 3.00, at least a C grade in all major and minor courses; FBI fingerprint background clearance.

Recommended
All core and education classes

Learning Outcomes

Title
Instructional Practice

Tags
182399, 2

Learning Outcome
Candidates utilize content knowledge, assess to inform instruction, plan instruction based upon Core Curriculum standards, and implement instructional strategies that engage students and promote content understanding.

Title
Professional Responsibility

Tags
182400, 3

Learning Outcome
Candidates continually reflect on and evaluate their teaching practices, actively seek opportunities to grow professionally, engage in ethical behavior, and collaborate with stakeholders (students, parents, and other professionals in the learning community).

Title
SFL 476R - Student Teaching- Family and Consumer Sciences

Tags
182401, 1

Learning Outcome
Upon completion of the Family and Consumer Sciences Program, teacher candidates meet the needs of secondary students through competencies related to Utah Affected Teaching Standards. Program outcomes include:
Learner and Learning:
Candidates understand how students learn and develop, recognize individual and cultural diversity, and design learning environments that create positive classroom climates.

Title
Utah Effective Teaching Standards

Tags
182402, 0, 4

Learning Outcome
Candidates will demonstrate basic competency in the Utah Effective Teaching Standards as assessed by the Performance Assessment and Evaluation System (PAES)

SFL 487 - Advanced Sewing Studies: Construction

Course Information

Teaching Area (new)
SFL

Course Number
487

Teaching Area
SFL

Course Title
Advanced Sewing Studies: Construction

Course Description
Three-dimensional fitting of apparel and advanced garment sewing and construction techniques.

Department
Family Life

When Taught
Fall; Spring.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3.5

Other Prerequisites
SFL 287 or equivalent sewing skills.

Fee
30

Note
Fee.

Learning Outcomes

Title
Garment Fit and Alteration

Tags
182311, 0

Learning Outcome
Evaluate and apply the four aspects of fit-balance, ease, grain, and line-to achieve a personalized fit. Refine apparel prototypes through iterative fitting, cultivating persistence, attention to detail, and problem-solving skills essential for professional practice and lifelong learning.

Title
Pattern Modification for Lower Body Garments

Learning Outcome
Modify and adapt commercial pants patterns to incorporate structural and stylistic elements such as yokes, closures, pockets, and waistbands. Develop technical fluency and creativity in adapting patterns to meet functional and aesthetic goals.

Title
Terminology and Industry Standards

Learning Outcome
Accurately apply advanced garment construction terminology and follow industry-standard procedures for sewing and fitting. Strengthen professional communication skills and foster integrity through adherence to high standards of workmanship.

Title
Advanced Sewing Techniques for Durable Garments

Learning Outcome
Demonstrate mastery of advanced construction methods, including durable seam finishes, precise topstitching, hardware or closure applications, and professional finishing techniques appropriate to the selected garment. Practice disciplined craftsmanship and develop confidence through sustained, high-quality execution.

Title
Sustainability in Apparel Construction

Learning Outcome
Apply sustainable practices in material selection, waste reduction, and construction planning. Evaluate environmental impact and explore alternative sourcing and reuse options, fostering wise stewardship and moral reasoning in design and production processes.

Title
Creative Expression within Functional Design

Learning Outcome
Integrate personalized design choices while maintaining structural integrity and functional wearability. Reflect both technical skill and creative intent in a way that honors individual voice and thoughtful contribution, encouraging holistic development and purpose-driven design.

SFL 488R - Home-Based Entrepreneurs

Course Information

Teaching Area (new)
SFL

Course Number
488R

Teaching Area
SFL

Course Title
Home-Based Entrepreneurs

Course Description
Exploration of home-based business tools and practical application of entrepreneurs including; writing branded content for social media, search engine optimization, logistic management, wholesaling and manufacturing options, securing funding and accounting applications as well as legal and ethical requirements of owning your own business.\n

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

SFL 489 - The Family and Public Policy

Course Information

Teaching Area (new)
SFL

Course Number
489

Teaching Area
SFL

Course Title
The Family and Public Policy

Course Description
Investigation of public policy processes related to legislation and laws affecting home economics/home and family life. Funding and grantsmanship.

Department
Family Life

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
SFL 160 or concurrent enrollment

Learning Outcomes

Title
Outcome 1

Tags
182040, 1

Learning Outcome
Learn by study and by faith about family-related policy and legislation designed to strengthen families and children while seeking greater discipleship through growing an ethic of charity, dignity, and responsibility for children and families affected by public decisions.

Title
Outcome 2

Tags
182041, 2

Learning Outcome
Analyze policy issues through a family-systems lens while becoming a humble, self-aware thinker who can recognize tradeoffs and seek truth with integrity.

Title
Outcome 3

Tags
182042, 3

Learning Outcome
Evaluate policy and program options using the best available evidence while being quantitatively literate, ethically grounded, compassionate in judgement, respectful of families, and committed to honest interpretation.

Title
Outcome 4

Tags
182043, 4

Learning Outcome
Translate findings into clear, responsibly written and visual communication for policy audiences, growing into a trustworthy professional whose work reflects ethical judgment, respect for human dignity, charity, accountability, and a commitment to lifelong learning and service.

Title
Outcome 5

Tags
182044, 5

Learning Outcome
Engage in the policy advocacy process by communicating with policymakers while becoming a consecrated contributor-Christlike, service-oriented, accountable for impacts, and committed to learning and refinement over time.

SFL 490 - Advanced Issues in Human Development

Course Information

Teaching Area (new)
SFL

Course Number
490

Teaching Area
SFL

Course Title
Advanced Issues in Human Development

Course Description
Evaluation of research on physical, mental, emotional, and social development.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 101 - Introduction to School of Family Life
  AND SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management
  AND SFL 315 - Effective Writing & Presenting

Other Prerequisites
SFL 210 or concurrent enrollment

Learning Outcomes

Title
Human Development Content and Theory

Tags
182064, 1

Learning Outcome
Students will critically evaluate current research issues and theory related to the study of developmental processes.

Title
Comprehensive Skill Application

Learning Outcome
Students will apply concepts and skills from previous human development courses to examine, in-depth, several factors (e.g., culture, socioeconomic characteristics, parenting, peers, early life adversity, biological processes) believed to shape human development outcomes.

Title
Research and Evaluation Methodologies

Learning Outcome
Students will critically evaluate research methodologies and theory in human development.

Title
Effective Writing and Analysis

Learning Outcome
Students will develop numeracy, analytic, and integrative writing skills.

Title
Human Development Content and Theory

Learning Outcome
Students will apply concepts and skills from previous human development courses to examine, in-depth, several factors (e.g., culture, socioeconomic characteristics, parenting, peers, early life adversity, biological processes) believed to shape human development outcomes.

Title
Intellectually Enlarging

Learning Outcome
Student will analyze empirical data and theoretical models of human development to discern truth with intellectual rigor and moral integrity, becoming disciplined thinkers who unite study and faith.

Title
Spiritually Strengthening

Learning Outcome
Students will integrate gospel principles related to research on human development to better understand their own and others mortal journey within the Plan of Salvation.

Title
Character Building

Learning Outcome
Students will Interpret relationships among biological, psychological, and spiritual dimensions of human development to see the whole person as both embodied and eternal, becoming compassionate scholars and disciples of Christ.

SFL 496R - Academic Internship: Family and Consumer Sciences Education

Course Information

Teaching Area (new)
SFL

Course Number
496R

Teaching Area
SFL

Course Title
Academic Internship: Family and Consumer Sciences Education

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Family Life

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Prior application; requires a total GPA of 3.00, at least a C grade in all major courses; FBI fingerprint and background clearance

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Purpose-Driven Teaching and Learning

Learning Outcome
Candidates design and implement instruction that reflects a commitment to the worth and divine potential of each student, creating meaningful learning experiences that engage and inspire

Title
Inclusive and Equitable Practices

Learning Outcome
Candidates foster inclusive environments that honor student diversity, provide equitable access to learning, and support individual student growth.

Title
Instructional Design and Data-Informed Practice

Learning Outcome
Candidates foster inclusive environments that honor student diversity, provide equitable access to learning, and support individual student growth.

Title
Professional Identity and Ethical Responsibility

Learning Outcome
Candidates engage in professional reflection, collaboration, and ethical conduct as members of the educational community.

Title
Leadership in Positive Classroom Culture

Learning Outcome
Candidates create supportive classroom environments that are emotionally safe, instructionally effective, and culturally responsive.

SFL 498 - Family Life Education: Integrating Theory, Research, and Practice

Course Information

Teaching Area (new)
SFL

Course Number
498

Teaching Area
SFL

Course Title
Family Life Education: Integrating Theory, Research, and Practice

Course Description
Integrating theory, research, and practice. Developing competencies to design, implement, and evaluate family life education programs. Preparing to work preventively with couples, parents, and families in areas such as marriage preparation, marriage enhancement, and parenting.

Department
Family Life

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SFL 290 - Critical Inquiry and Research Methods
  AND SFL 305 - Applied Statistics & Data Management

Other Prerequisites
Senior standing; instructor's consent.

Learning Outcomes

Title
Effective Writing and Analysis

Tags
182342, 2

Learning Outcome
Design a family life education program using scholarly literature and best practices.

Title
Family Studies Content and Theory

Tags
182486, 0

Learning Outcome
Develop and articulate a personal philosophy of family life education.
Be able to apply a framework for the development of family life education programs.
Learn principles and practices for teaching about family life in a variety of traditional and contemporary venues, including workshop and self-directed approaches.
Practice workshop teaching and receive peer, clientele, and instructor feedback.
Be able to utilize principles and practices for reaching diverse audiences.
Be able to utilize principles and strategies for multiplying their reach through collaborative partnerships and social marketing.

Title
Research and Evaluation Methodologies

Tags
182487, 1

Learning Outcome
Be able to utilize a variety of approaches to evaluating family life education programs.
Critically evaluate the quality of several examples of family life education programs.

SGAW 101 - First-Year Language Study: S'gaw Karen

Course Information

Course Number
101

Teaching Area
SGAW

Course Title
First-Year Language Study: S'gaw Karen

Course Description
First-semester speaking, listening, reading, and writing in S'gaw Karen

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken S'gaw Karen relating to familiar topics. Title

Title
Speaking

Learning Outcome
Speak S'gaw Karen well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in S'gaw Karen consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in the S'gaw Karen culture.

SGAW 102 - First-Year Language Study: S'gaw Karen

Course Information

Course Number
102

Teaching Area
SGAW

Course Title
First-Year Language Study: S'gaw Karen

Course Description
Second-semester speaking, listening, reading, and writing skills in S'gaw Karen

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
S'gaw Karen 101

Learning Outcomes

Title
Comprehension

Learning Outcome
Demonstrate understanding of written and spoken S'gaw Karen relating to familiar topics.

Title
Speaking

Learning Outcome
Speak S'gaw Karen well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Learning Outcome
Write short, simple messages in S'gaw Karen consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Learning Outcome
Function appropriately in routine, familiar situations in the S'gaw Karen culture.

SGAW 201 - Second-Year Language Study: S'gaw Karen

Course Information

Course Number
201

Teaching Area
SGAW

Course Title
Second-Year Language Study: S'gaw Karen

Course Description
Intermediate speaking, listening, reading, and writing skills in S'gaw Karen

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
S'gaw Karen 102

Learning Outcomes

Title
Elaboration

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past, and future time.

Title
Vocabulary

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Learning Outcome
Demonstrate understanding of basic language structures.

Title
Culture

Learning Outcome
Discuss common products and practices related to every-day life in S'gaw Karen culture.

SGAW 202 - Second-Year Language Study: S'gaw Karen

Course Information

Course Number
202

Teaching Area
SGAW

Course Title
Second-Year Language Study: S'gaw Karen

Course Description
Continued emphasis on S'gaw Karen communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
S'gaw Karen 201

Learning Outcomes

Title
Communication Skills

Learning Outcome
Communicate in both the written and spoken S'gaw Karen with reasonable accuracy about real-world activities with well-educated members of the target culture who are accustomed to dealing with non-native speakers.

Title
Comprehension

Learning Outcome
Demonstrate understanding of everyday written and verbal instructions. Demonstrate comprehension of concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Learning Outcome
Discuss in S'gaw Karen cultural practices related to everyday life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government, and religious institutions, etc.).

SGAW 330 - Advanced Language Proficiency Through Cultural Studies: S'gaw Karen

Course Information

Course Number
330

Teaching Area
SGAW

Course Title
Advanced Language Proficiency Through Cultural Studies: S'gaw Karen

Course Description
Study of the S'gaw Karen culture using interpersonal, presentational, and interpretive skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Note
Entry course for S'gaw Karen-speaking returned missionaries

Learning Outcomes

Title
Communication Skills

Tags
214418, 0, 1, 2023-08-29 12:25:02

Learning Outcome
In both written and spoken S'gaw Karen, communicate accurately with well-educated members of the S'gaw Karen culture about real-world activities.

Title
Comprehension

Tags
214419, 0, 2, 2023-08-29 12:25:03

Learning Outcome
Demonstrate understanding of detailed written and verbal instructions. Demonstrate comprehension of historical passages, newspaper and magazine articles, and broadcast news reports that well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
214420, 0, 3, 2023-08-29 12:25:05

Learning Outcome
Acquire background knowledge of important achievements related to the S'gaw Karen culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
214421, 0, 4, 2023-08-29 12:25:07

Learning Outcome
Complete language and cultural aspects of General Education "Languages of Learning" and "Global & Cultural Awareness" requirements

SLAT 380 - SLAT Practicum in Language Teaching

Course Information

Course Number
380

Teaching Area
SLAT

Course Title
SLAT Practicum in Language Teaching

Course Description
Pre-service teachers will learn to implement meaningful and engaging language instruction for secondary students.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Create appropriate learning experiences

Learning Outcome
Craft meaningful, standards-based, developmentally and contextually appropriate language learning experiences in the target language for students

Title
Engage students in culture learning

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives using various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Informally assess student understanding

Learning Outcome
Use informal assessments to evaluate students' understanding

Title
Reflect on professional practice

Learning Outcome
Engage in professional dialogue and reflection with your mentor teacher to improve your own professional practice

SLAT 476 - SLAT Secondary Language Teaching

Course Information

Course Number
476

Teaching Area
SLAT

Course Title
SLAT Secondary Language Teaching

Course Description
Capstone, field-based, semester-long experience in teaching a world language to secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Learning Outcomes

Title
Integrate learning into teaching

Learning Outcome
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

Title
Improve language, culture, and teaching skills

Learning Outcome
Improve your target language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

Title
Create appropriate learning experiences

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in the target language that support the growth of students' language proficiency

Title
Engage students in culture learning

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

Title
Assess student learning

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

Title
Engage in professional development and reflection

Learning Outcome
Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

Title
Adapt instruction for diverse learners

Learning Outcome
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles and special needs

SLAT 577 - Methods of Teaching Foreign Languages

Course Information

Teaching Area (new)
SLAT

Course Number
577

Teaching Area
SLAT

Course Title
Methods of Teaching Foreign Languages

Course Description
Methods for teaching foreign languages. Topics include curriculum/lesson planning, teaching in the foreign language, contextualized approaches for teaching grammar and vocabulary, assessing language learning.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Admission to SLaT MA program or permission of instructor.

SLN 100 - Language Study: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
100

Teaching Area
SLN

Course Title
Language Study: Slovene

Course Description
Survival-level conversation, reading, listening, and culture skills in Slovene.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197263, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197264, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197265, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

SLN 101 - First-Year Slovene

Course Information

Teaching Area (new)
SLN

Course Number
101

Teaching Area
SLN

Course Title
First-Year Slovene

Course Description
Beginning speaking, listening, reading, and writing skills in Slovene.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Note
Credit by examination only.

Learning Outcomes

Title
Comprehension

Tags
193259, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193268, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193276, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
194898, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SLN 102 - First-Year Slovene

Course Information

Teaching Area (new)
SLN

Course Number
102

Teaching Area
SLN

Course Title
First-Year Slovene

Course Description
Second-semester speaking, listening, reading, and writing skills in Slovene.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLN 101 - First-Year Slovene

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193293, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193301, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193310, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193319, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SLN 201 - Second-Year Slovene

Course Information

Teaching Area (new)
SLN

Course Number
201

Teaching Area
SLN

Course Title
Second-Year Slovene

Course Description
Intermediate speaking, listening, reading, and writing skills in Slovene.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLN 102 - First-Year Slovene

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193327, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193336, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193345, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
194899, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

SLN 202 - Second-Year Language Study: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
202

Teaching Area
SLN

Course Title
Second-Year Language Study: Slovene

Course Description
Continued emphasis on Slovene communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLN 201 - Second-Year Slovene

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197259, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197260, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197261, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197262, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SLN 211R - Second-Year Conversation

Course Information

Teaching Area (new)
SLN

Course Number
211R

Teaching Area
SLN

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Slovene.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLN 201 - Second-Year Slovene

Note
Credit by examination only. Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversations

Tags
193364, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193373, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194900, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

SLN 305 - Language Skills Development: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
305

Teaching Area
SLN

Course Title
Language Skills Development: Slovene

Course Description
Increasing proficiency in one or more of the following Slovene language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197256, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197257, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197258, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

SLN 321 - Advanced Grammar: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
321

Teaching Area
SLN

Course Title
Advanced Grammar: Slovene

Course Description
Advance your Slovene through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197253, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197254, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197255, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
330

Teaching Area
SLN

Course Title
Advanced Language Proficiency Through Cultural Studies: Slovene

Course Description
Study of Slovene culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Sln 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
193083, 0

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
193163, 1

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
193195, 2

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education

Tags
197252, 3

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SLN 340 - Introduction to Literature: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
340

Teaching Area
SLN

Course Title
Introduction to Literature: Slovene

Course Description
Explore Slovene culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197248, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197249, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197250, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197251, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

SLN 350 - Advanced Language Study for Career Purposes: Slovene

Course Information

Teaching Area (new)
SLN

Course Number
350

Teaching Area
SLN

Course Title
Advanced Language Study for Career Purposes: Slovene

Course Description
Concentration on Slovene language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLN 330 - Advanced Language Proficiency Through Cultural Studies: Slovene

Learning Outcomes

Title
Defined Career Purposes

Tags
197243, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197244, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197245, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197246, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197247, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

SLOVK 100 - Language Study: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
100

Teaching Area
SLOVK

Course Title
Language Study: Slovak

Course Description
Survival-level conversation, reading, listening, and culture skills in Slovak.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197240, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197241, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197242, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

SLOVK 101 - First-Year Language Study: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
101

Teaching Area
SLOVK

Course Title
First-Year Language Study: Slovak

Course Description
Beginning speaking, listening, reading, and writing skills in Slovak.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197236, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197237, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197238, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197239, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SLOVK 102 - First-Year Language Study: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
102

Teaching Area
SLOVK

Course Title
First-Year Language Study: Slovak

Course Description
Second-semester speaking, listening, reading, and writing skills in Slovak.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLOVK 101 - First-Year Language Study: Slovak

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197232, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197233, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197234, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197235, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SLOVK 201 - Second-Year Language Study: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
201

Teaching Area
SLOVK

Course Title
Second-Year Language Study: Slovak

Course Description
Intermediate speaking, listening, reading, and writing skills in Slovak.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLOVK 102 - First-Year Language Study: Slovak

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197228, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197229, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197230, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197231, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

SLOVK 202 - Second-Year Language Study: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
202

Teaching Area
SLOVK

Course Title
Second-Year Language Study: Slovak

Course Description
Continued emphasis on Slovak communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLOVK 201 - Second-Year Language Study: Slovak

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197224, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197225, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197226, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197227, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SLOVK 305 - Language Skills Development: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
305

Teaching Area
SLOVK

Course Title
Language Skills Development: Slovak

Course Description
Increasing proficiency in one or more of the following Slovak language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197221, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197222, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197223, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

SLOVK 321 - Advanced Grammar: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
321

Teaching Area
SLOVK

Course Title
Advanced Grammar: Slovak

Course Description
Advance your Slovak through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197218, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197219, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197220, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
330

Teaching Area
SLOVK

Course Title
Advanced Language Proficiency Through Cultural Studies: Slovak

Course Description
Study of Slovak culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Slovk 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197214, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197215, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197216, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197217, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SLOVK 340 - Introduction to Literature: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
340

Teaching Area
SLOVK

Course Title
Introduction to Literature: Slovak

Course Description
Explore Slovak culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197210, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197211, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197212, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197213, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

SLOVK 350 - Advanced Language Study for Career Purposes: Slovak

Course Information

Teaching Area (new)
SLOVK

Course Number
350

Teaching Area
SLOVK

Course Title
Advanced Language Study for Career Purposes: Slovak

Course Description
Concentration on Slovak language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SLOVK 330 - Advanced Language Proficiency Through Cultural Studies: Slovak

Learning Outcomes

Title
Defined Career Purposes

Tags
197205, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197206, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197207, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197208, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197209, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

SOC W 200 - Introduction to Social Work

Course Information

Teaching Area (new)
SOC W

Course Number
200

Teaching Area
SOC W

Course Title
Introduction to Social Work

Course Description
Social welfare as a social institution; social work as a profession.

Department
Social Work

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
CSWE 2022 Competency 1

Tags
185264, 1

Learning Outcome
Demonstrate Ethical and Professional Behavior

Title
CSWE 2022 Competency 2

Tags
185265, 2

Learning Outcome
Engage Diversity and Difference in Practice

Title
CSWE 2022 Competency 3

Tags
185266, 3

Learning Outcome
Advance Human Rights and Social, Economic, and Environmental Justice

Title
CSWE 2022 Competency 5

Tags
185267, 4

Learning Outcome
Engage in Policy Practice

SOC W 300 - Introduction to Social Work Research Methods

Course Information

Teaching Area (new)
SOC W

Course Number
300

Teaching Area
SOC W

Course Title
Introduction to Social Work Research Methods

Course Description
A variety of research methods and techniques are covered to help students engage in practice-informed research and research informed practice. Examination of evidence based practice. Qualitative and quantitative research methods, data analysis, and writing research papers.

Department
Social Work

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Independent Study only. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Demonstrate

Learning Outcome
Demonstrate Ethical and Professional Behavior

Title
Engage

Learning Outcome
Engage in Practice-Informed Research and Research-Informed Practice

Title
Assess

Learning Outcome
Assess Individuals, Families, Groups, Organizations, and Communities

Title
Evaluate

Learning Outcome
Evaluate Practice with Individuals, Families, Groups, Organizations, and Communities

SOC W 331 - Social Welfare Policy

Course Information

Teaching Area (new)
SOC W

Course Number
331

Teaching Area
SOC W

Course Title
Social Welfare Policy

Course Description
Social legislation processes; analysis of social policy and the knowledge available to social workers for involvement in social planning and policy change.

Department
Social Work

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC W 200 - Introduction to Social Work

Learning Outcomes

Title
CSWE 2022 Competency 2

Tags
185268, 1

Learning Outcome
Engage Diversity and Difference in Practice

Title
CSWE 2022 Competency 3

Tags
185269, 2

Learning Outcome
Advance Human Rights and Social, Economic, and Environmental Justice

Title
CSWE 2022 Competency 5

Tags
185270, 3

Learning Outcome
Engage in Policy Practice

SOC W 360 - Social Work Practice with Individuals

Course Information

Teaching Area (new)
SOC W

Course Number
360

Teaching Area
SOC W

Course Title
Social Work Practice with Individuals

Course Description
Methods of social work practice within a generalist framework; interventions at the individual, family, group, organization, and community levels.

Department
Social Work

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC W 200 - Introduction to Social Work

Learning Outcomes

Title
Specific Behavioral Objectives

Tags
185259, 2

Learning Outcome
Through participation in this course, students will be prepared to: 1. Define the term "Direct Practice" and understand the role it plays in the social work profession in today's complex society. 2. Describe the historical developments of the social work profession and its evolvement over the last 100+ years. 3. Describe how social work practice is guided by a foundation of values, principles, and ethics. 4. Demonstrate an understanding of the contents of the NASW Code of Ethics. 5. Identify the basic helping skills used in social work. 6. Identify social work practice grounded in sound theory and empirical research.

Title
Course Objectives

Tags
185263, 1

Learning Outcome
This course is designed to introduce the student to the values, knowledge, and skills involved in the practice of social work as a profession, and to gain a broad view of direct social work practice.

Title
CSWE 2022 Competency 1

Tags
185271, 3

Learning Outcome
Demonstrate Ethical and Professional Behavior

Title
CSWE 2022 Competency 3

Tags
185272, 4

Learning Outcome
Engage Anti-Racism, Diversity, Equity, and Inclusion (ADEI) in Practice

Title
CSWE 2022 Competency 6

Tags
185273, 5

Learning Outcome
Engage with Individuals, Families, Groups, Organizations, and Communities

Title
CSWE 2022 Competency 7

Tags
185274, 6

Learning Outcome
Assess Individuals, Families, Groups, Organizations, and Communities

Title
CSWE 2022 Competency 8

Tags
185275, 7

Learning Outcome
Intervene with Individuals, Families, Groups, Organizations, and Communities

SOC W 570 - Crisis Intervention

Course Information

Teaching Area (new)
SOC W

Course Number
570

Teaching Area
SOC W

Course Title
Crisis Intervention

Course Description
Assessment and intervention in crisis situations with clients.

Department
Social Work

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
CSWE 2015 Competency 4

Tags
185343, 1

Learning Outcome
Engage In Practice-informed Research and Research-informed Practice

Title
CSWE 2015 Competency 6

Tags
185344, 2

Learning Outcome
Engage with Individuals, Families, Groups, Organizations, and Communities

Title
CSWE 2015 Competency 7

Tags
185345, 3

Learning Outcome
Assess Individuals, Families, Groups, Organizations, and Communities

Title
CSWE 2015 Competency 8

Tags
185346, 4

Learning Outcome
Intervene with Individuals, Families, Groups, Organizations, and Communities

SOC W 580 - Social Work in the School Setting

Course Information

Teaching Area (new)
SOC W

Course Number
580

Teaching Area
SOC W

Course Title
Social Work in the School Setting

Course Description
Overview of knowledge and skills essential to the practice of social work in educational settings; emphasizes practical interventions when working with student/family/teacher/community resources.

Department
Social Work

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Objectives:

Tags
185245, 4

Learning Outcome
1. To provide students with a basic understanding of public school policies, laws, procedures, roles, and expectations of all players including, administrators, staff (counselors, psychologists, social workers, custodians, coaches) parents and students. 2. To develop an awareness of the resources available in the community to assist families in the school setting. 3. To provide students the opportunity to reflect, synthesize and apply the various concepts examined in class in the context of their own experiences and understanding. 4. Understand the role and expectation of a school social worker. 5. Gain familiarity with research methods into effectiveness of social work practice in schools. 6. Gain knowledge of NASW's standards of school social work practice.

Title
CSWE 2022 Competency 1

Tags
208656, 0, 1

Learning Outcome
Demonstrate Ethical and Professional Behavior Links to BYU AIM: Character Building (integrity, social justice)

Title
CSWE 2022 Competency 6

Tags
208657, 0, 2

Learning Outcome
Engage with Individuals, Families, Groups, Organizations, and Communities Links to BYU AIM: Lifelong Learning and Service (service)

Title
CSWE Competency 8

Tags
208658, 0, 3

Learning Outcome
Intervene with Individuals, Families, Groups, Organizations, and Communities Links to BYU AIM: Lifelong Learning and Service (service)

SOC W 581 - Social Services for the Aging

Course Information

Teaching Area (new)
SOC W

Course Number
581

Teaching Area
SOC W

Course Title
Social Services for the Aging

Course Description
Process and impact of social service delivery systems on the aged.

Department
Social Work

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Utah state certificate available.

Learning Outcomes

Title
Objectives:

Tags
185246, 1

Learning Outcome
1. Be able to recognize dversity (race, gender, sexual orientation, SES etc) of aging population in the United States.
2. Be able to articulate predominant theories of aging.
3. Be able to articulate biological and psychosocial changes related to aging.
4. Be able to identify social, psychological, economic, and political challenges faced by other adults (i.e. ageism, poverty, elder abuse, retirement, intamacy, end of life care, support system, etc).
5. Demonstrate ability to advocate social/economic justice.
6. Demonstrate ability to assess and intervene in gerontoloical setting.
7. Demonstrate ability to address social policy issues for older adults.
8. Develop ability to practice ethically within principle of NASW Code of Ethics.

SOC W 582 - Refugee Studies

Course Information

Teaching Area (new)
SOC W

Course Number
582

Teaching Area
SOC W

Course Title
Refugee Studies

Course Description
Understand and engage with global forced migration issues

Department
Social Work

When Taught
Fall Even Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

SOC W 585 - Global Issues of Children at Risk

Course Information

Teaching Area (new)
SOC W

Course Number
585

Teaching Area
SOC W

Course Title
Global Issues of Children at Risk

Course Description
Analyzing major challenges facing children and their families globally, including poverty, malnutrition, poor health care, gender-based discrimination, child labor and sexual exploitation, AIDS orphans, child soldiers, and refugees.

Department
Social Work

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Learning Outcomes:

Tags
185247, 1

Learning Outcome
1. Gain basic information regarding the current condition of children globally---their challenges and resources.
2. Learn of the global community's acknowledged and unacknowledged obligations to assist the most vulnerable of its children.
3. Become familiar with the international, regional, and national policies and efforts in place to address some of the most difficult challenges.
4. Incorporate a family-based framework into addressing the challenges faced by children, focusing on solutions which emphasize the strengthening of families as a priority.
5. Appreciate the complex nature of the interplay between economic, political, and cultural aspects of the global and national communities which produce, and must be considered in addressing, the problems and challenges that arise out of such interplay.
6. Have a hands-on service experience locally which will illuminate the challenges faced by children globally.
7. Be able to produce a term paper in which he or she will thoroughly explore one topic in depth and present a summary to the entire class.
8. Be tested on the objective knowledge of the student on the topic areas.

SOC W 595R - Directed Readings

Course Information

Teaching Area (new)
SOC W

Course Number
595R

Teaching Area
SOC W

Course Title
Directed Readings

Department
Social Work

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Directed Readings

Tags
185230, 0

Learning Outcome
Under the direction of a mentored professor, students will critically examine, investigate, and integrate the literature for a topic of interest in social work

SOC 111 - Introductory Sociology

Course Information

Teaching Area (new)
SOC

Course Number
111

Teaching Area
SOC

Course Title
Introductory Sociology

Course Description
Social group influence; social interaction, processes, organization, and change; family, religion, government, population, culture, race relations.

Department
Sociology

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

SOC 112 - Current Social Problems

Course Information

Teaching Area (new)
SOC

Course Number
112

Teaching Area
SOC

Course Title
Current Social Problems

Course Description
Individual deviance (violence, insanity, drugs, sex, crime, etc.) and social disorganization (poverty, race and sex discrimination, divorce, overpopulation, etc.). Conditions, causes, solutions.

Department
Sociology

When Taught
Fall; Winter; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Additional seats for specific sections may be available to Freshman Mentoring participants through envelopes. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

SOC 113 - Multicultural America

Course Information

Teaching Area (new)
SOC

Course Number
113

Teaching Area
SOC

Course Title
Multicultural America

Course Description
Diverse cultural heritages in the United States. Cultures studied scientifically will include African American, Hispanic, Asian American, and Native American.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 200 - Professional Development in Sociology: Crafting Careers and Marketable Skills

Course Information

Course Number
200

Teaching Area
SOC

Course Title
Professional Development in Sociology: Crafting Careers and Marketable Skills

Course Description
This course fosters career readiness for sociology majors. Students will explore professional paths, plan their personal development in the major, network, and develop resume-building and interview skills for sociology-related careers and graduate programs.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Develop professional goals

Learning Outcome
Identify career possibilities and professional pathways.

Title
Articulate core competencies

Learning Outcome
Connect sociology to specific career competencies, such as communication, critical thinking/information literacy, and cultural navigation.

Title
Create plan(s) to achieve professional goals

Learning Outcome
Develop course and experience plans that align with future professional goals.

Title
Fortify faith and resilience

Learning Outcome
Create a plan for strengthening faith despite challenges.

SOC 221 - Innovation, Artificial Intelligence, and Society

Course Information

Teaching Area (new)
SOC

Course Number
221

Teaching Area
SOC

Course Title
Innovation, Artificial Intelligence, and Society

Course Description
This course examines the social context of technological innovation and artificial intelligence with a focus on how AI technologies both shape and are shaped by social behavior, institutional practices, and cultural values.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Sociological Understanding

Tags
185874, 1

Learning Outcome
Analyze the ways artificial intelligence shapes and is shaped by social structures, cultural values, and institutional power.

Title
Epistemic Awareness

Tags
185875, 2

Learning Outcome
Evaluate how AI changes the nature of work, expertise, and decision-making

Title
Experiential Learning

Tags
185876, 3

Learning Outcome
Apply sociological concepts and methods to examine a real-world cases of AI implementation (e.g., in education, healthcare, law enforcement, or social media) and assess its social implications

Title
Spiritual and Moral Development

Tags
185878, 4

Learning Outcome
Develop views about the role of AI in society that consider ethical responsibility, human flourishing, and the pursuit of knowledge consistent with the aims of a BYU education (i.e., spiritually strengthening, intellectually enlarging, and character building).

SOC 222 - (Soc-WS) Introduction to Global Women's Studies

Course Information

Teaching Area (new)
SOC

Course Number
222

Teaching Area
SOC

Course Title
(Soc-WS) Introduction to Global Women's Studies

Course Description
An introduction to the most important issues affecting women's lives and to contributions made by women both nationally and internationally. The course will include historical, sociological, psychological, theological, legal, and/or cultural, and other approaches.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 223 - Sociology of Race and Ethnicity

Course Information

Teaching Area (new)
SOC

Course Number
223

Teaching Area
SOC

Course Title
Sociology of Race and Ethnicity

Course Description
How has race shaped American society, and what does it mean to truly love our neighbor? This course, grounded in principles of the gospel, explores the historical roots and modern realities of race, ethnicity, and immigration in the United States, helping students understand how racial divisions are formed, sustained, and sometimes transformed.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills the GE Global and Cultural Awareness requirement.

Learning Outcomes

Title
Learn core principles about race

Learning Outcome
Students will learn core principles about race that can be applied in everyday life.

Title
Examine the causal mechanisms

Learning Outcome
Students will examine the causal mechanisms and processes whereby racial divisions are established, reproduced, and, in some cases, transformed.

Title
Race and Institutions

Learning Outcome
Students will analyze race as a system of relations and the ways it permeates social institutions.

Title
Gospel Belonging

Learning Outcome
Students will develop a path toward racial reconciliation by applying sociological principles and the Gospel doctrine of belonging.

SOC 228 - Sociology of Sport

Course Information

Teaching Area (new)
SOC

Course Number
228

Teaching Area
SOC

Course Title
Sociology of Sport

Course Description
Analysis of the sociological aspects of sport and their relationship to politics, economics, stratification, education, and family. Focus on concepts, theory, and related research.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application

Learning Outcome
Apply major sociological theories to real-world sports institutions and circumstances

Title
Effectively communicate

Learning Outcome
Effectively communicate sociological approaches to sport to lay audiences through writing, speaking, and creation of visual information formats

Title
Research literacy

Learning Outcome
Demonstrate foundational research literacy by interpreting and summarizing scholarly work on sport and critically engaging with current findings in the field

Title
Spiritual, moral, and character development

Learning Outcome
Identify components of spiritual, moral, and character development in sport settings, drawing connections between sociological understanding and gospel principles

Title
Develop interventions

Learning Outcome
Work closely with others to develop plans for change and intervention that improve the ability of sport settings to build character and serve humanity

SOC 283 - Juvenile Delinquency

Course Information

Teaching Area (new)
SOC

Course Number
283

Teaching Area
SOC

Course Title
Juvenile Delinquency

Course Description
This course is organized around three big questions: What counts as delinquency? Why do some teens get into trouble? And how can we prevent it? This course will give you the tools to think critically and compassionately about one of today's most pressing social issues.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Explain juvenile delinquency

Learning Outcome
Explain the nature, extent, and social patterns of juvenile delinquency, including how it differs from adult offending and other forms of deviance.

Title
Apply sociological theories

Learning Outcome
Apply major sociological theories of delinquency to real-world examples and demonstrate an understanding of how family, peers, schools, and communities shape adolescent behavior.

Title
Examine causes

Learning Outcome
Examine key causes and consequences of juvenile delinquency using evidence from empirical research and theory.

Title
Demonstrate research literacy

Learning Outcome
Demonstrate foundational research literacy by interpreting and summarizing scholarly work on delinquency and critically engaging with current findings in the field.

Title
Reflection

Learning Outcome
Reflect thoughtfully on the moral and spiritual dimensions of justice, compassion, and accountability in the treatment of youth, drawing connections between sociological understanding and gospel principles.

Title
Develop character

Learning Outcome
Develop habits of character and citizenship consistent with the Aims of a BYU Education—becoming spiritually strengthened, intellectually enlarged, and better prepared for a life of learning and service in their communities.

SOC 300 - Methods of Research in Sociology

Course Information

Teaching Area (new)
SOC

Course Number
300

Teaching Area
SOC

Course Title
Methods of Research in Sociology

Course Description
Tools of social research; survey, experimentation, content analysis, secondary analysis, qualitative research, evaluation research, data processing and analysis, and report writing.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Soc 111 or 112 or 113.

SOC 301 - Applied Social Research Methods

Course Information

Teaching Area (new)
SOC

Course Number
301

Teaching Area
SOC

Course Title
Applied Social Research Methods

Course Description
Research methods training for conducting research in applied settings using social research methods such as needs assessments, social impact analysis, and program evaluations.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 300 - Methods of Research in Sociology
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Ability to Estimate and Interpret Statistics

Tags
185777, 1

Learning Outcome

Graduates are able to estimate and interpret univariate and bivariate statistics and generalize their meaning to the appropriate population.

Title
Analyze Data and Summarize Findings

Tags
185783, 3

Learning Outcome

Graduates have the necessary skills to analyze data and summarize findings including a. basic familiarity with spreadsheet programs and statistical packages, b. the analytic process of comparing across categories, c. how to chart historical trends, and d. how to summarize findings for written or oral presentation.

Title
Know How to Code and Interpret Qualitative Data

Tags
185789, 2

Learning Outcome

Graduates know how to code and interpret qualitative data or how to code and prepare quantitative data for statistical analysis.

Title
Know and Understand the full range of Methodologies

Tags
185801, 0

Learning Outcome

Graduates know the full range of methodologies, the basic epistemological assumptions associated with each, the criteria for evaluating quality research, and how to select and implement the appropriate method to test a hypothesis or address a research question.

SOC 302 - Research Proposal for Evaluation Research

Course Information

Teaching Area (new)
SOC

Course Number
302

Teaching Area
SOC

Course Title
Research Proposal for Evaluation Research

Course Description
Students will prepare a proposal, including literature review, research questions and research design. The proposal must then be approved by the organization, the professor, and IRB. Students must receive instructor approval to enroll.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- IAS 220 - Introduction to Development Studies
  AND SOC 301 - Applied Social Research Methods

OR

Prerequisites

Complete ALL of the following Courses:
- SOC 301 - Applied Social Research Methods
  AND SOC 340 - Sociology of International Development

Other Prerequisites
Consent of instructor required.

SOC 307 - Data Analysis, Presentation, and Management

Course Information

Teaching Area (new)
SOC

Course Number
307

Teaching Area
SOC

Course Title
Data Analysis, Presentation, and Management

Course Description
Framing research questions, locating available data, using programs and statistical packages for univariate and bivariate analysis, presenting and summarizing findings.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- SOC 300 - Methods of Research in Sociology
  AND STAT 121 - Introduction to Statistical Data Analysis

Other Prerequisites
Major status

SOC 310 - Social Inquiry

Course Information

Teaching Area (new)
SOC

Course Number
310

Teaching Area
SOC

Course Title
Social Inquiry

Course Description
Basic ideas and arguments forming sociological inquiry, including philosophical foundations, philosophy of social science, and development of classical theory and contemporary theory.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- SOC 111 - Introductory Sociology

OR

Prerequisites

Complete ALL of the following Courses:

- SOC 112 - Current Social Problems

OR

Prerequisites

Complete ALL of the following Courses:

- SOC 113 - Multicultural America

Learning Outcomes

Title
Sociological Inquiry

Tags
185869, 1

Learning Outcome
Students will deepen understanding of the basic ideas and arguments that inform contemporary sociological inquiry, especially the philosophical foundations, some basic features of philosophy of social science, and the development of classical theory.

Title
Sociological Theory

Tags
185870, 2

Learning Outcome
Students will become conversant with the conceptual and philosophical foundations of the major theoretical perspetives of sociology.

Title
Critical Assessment

Tags
185871, 3

Learning Outcome
Students will be able to critically assess the strengths and weaknesses of each theoretical perspective.

SOC 311 - Contemporary Sociological Theory

Course Information

Teaching Area (new)
SOC

Course Number
311

Teaching Area
SOC

Course Title
Contemporary Sociological Theory

Course Description
Ideas, critiques, and arguments that form contemporary sociological inquiry.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 310 - Social Inquiry

SOC 318 - Adolescent Development in the Family and Other Social Contexts

Course Information

Teaching Area (new)
SOC

Course Number
318

Teaching Area
SOC

Course Title
Adolescent Development in the Family and Other Social Contexts

Course Description
Examining developmental and social contexts of adolescents, emphasizing the importance of the family. Other contexts include peers, religion, community, schools, and cross-cultural issues.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Content and Theory

Tags
182053, 1

Learning Outcome
Critically examine and discuss selected topics in adolescent development, as well as being able to apply the information and skills learned in this class to your own life.
Identify and discuss the major theories of adolescent development, as well as the various research methods used in the study of adolescent development.
Understand the important developmental changes that young people experience during this period and during their transition to adulthood.
Discuss why at-risk issues are so pronounced during this period and understand prevention and intervention measures that can be taken by families to help them cope with this transition.

Title
Effective Writing and Analysis

Tags
182068, 2

Learning Outcome
Synthesize (both in thought and writing) information on adolescent development, and apply this information to "real" adolescents with whom you come into contact.

SOC 322 - Class Inequality

Course Information

Teaching Area (new)
SOC

Course Number
322

Teaching Area
SOC

Course Title
Class Inequality

Course Description
Causes and consequences of class, status, and power differences.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Social justice

Tags
185393, 2

Learning Outcome
Participate in and evaluate organizations that are attempting to create greater social justice and form your own ideas about what can be done about inequality

Title
Research

Tags
185394, 4

Learning Outcome
Understand how sociologists do research on inequality

Title
Connections

Tags
185395, 5

Learning Outcome
Learn to see the connection between sociological concepts and the inquality you observe in everyday life

Title
Social Structure

Tags
185782, 2

Learning Outcome
Understand how social structure contributes to inequality

Title
Learning outcomes

Tags
185804, 0

Learning Outcome
Become more aware of the social inequality around us,

Title
Social Inequalities

Tags
185805, 1

Learning Outcome
Become more aware of the social inequality around us,

SOC 325 - Introduction to the Sociology of Religion

Course Information

Teaching Area (new)
SOC

Course Number
325

Teaching Area
SOC

Course Title
Introduction to the Sociology of Religion

Course Description
Origin, growth, and organizational development of religious groups; church activity, conversion, secularization, religious change.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding Sociology of Religion

Tags
185396, 1

Learning Outcome
Acquire a basic understanding of the major theories, concepts, and perspectives used by sociologists to study religion in the modern world.

Title
Understanding Scientific Study of Religion

Tags
185397, 2

Learning Outcome
Acquire a basic understanding of the issues and debates concerning the scientific study of religion and the use of sociological theories and methods for the study of religion.

Title
Critical Thinking about Religion

Tags
185398, 3

Learning Outcome
Develop the ability to think critically about the study of religion and the place of religion in modern life and society.

Title
Analysis and Writing

Tags
185399, 4

Learning Outcome
Develop the ability to analyze issues related to the study of religion and communicate the analysis in writing (i.e., forming and presenting an argument, using appropriate scholarly language, writing respectfully, etc.).

SOC 326 - Sociology of Education

Course Information

Teaching Area (new)
SOC

Course Number
326

Teaching Area
SOC

Course Title
Sociology of Education

Course Description
Social origins of goals and curricula; theories of change and control; the nature of achievement in education.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 329 - Medical Sociology

Course Information

Teaching Area (new)
SOC

Course Number
329

Teaching Area
SOC

Course Title
Medical Sociology

Course Description
Social epidemiology, the sick role, sociocultural definitions of and responses to illness, and the organization of medical-health delivery systems.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding of social and structural factors

Tags
185411, 1

Learning Outcome
Students will gain awareness of the social and structural factors which influence health, healing, and illness. Particular emphasis is given to: (1) influenc eof the social environment on health and illness; (2) health and illness behavior; (3) health care prasctitioners and their relationships with patients; and (4) the health care system. Students will be introduced to the literature and be conversant regarding the primary social and structural factors influencing health and illness.

Title
Diversity and health factors

Tags
185412, 2

Learning Outcome
Students will gain understanding and awareness of the gender and race and ethnic differences related to health and illness.

Title
oral and written presentation

Tags
185413, 3

Learning Outcome
Students will debate a current topic related to the sociology of medicine which will require them to be conversant with the debate and develop oral presentation skills. In addition, students will research and present in written form a medical phenomenon in sociological terms.

SOC 330 - Cultural Sociology

Course Information

Teaching Area (new)
SOC

Course Number
330

Teaching Area
SOC

Course Title
Cultural Sociology

Course Description
Recent theories and research in sociological approaches to meaning, including cultural systems and institutions, everyday life, symbolism, agency, power, texts, and globalization.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Cultural sociology concepts, theories, and research methods

Tags
185414, 1

Learning Outcome

Students will learn concepts, theories, and research methods associated with cultural sociology, with an emphasis on current issues in the subfield.

Title
Bibliographic Search and Literature Review

Tags
185415, 2

Learning Outcome

Students will be introduced to doing a bibliographic search and a literature review.

Title
Analytic and Sytopical reading skills

Tags
185416, 3

Learning Outcome

Students will be introduced to analytic and syntopical reading skills.

Title
Career options

Tags
185417, 4

Learning Outcome

Students will learn about educational and career options related to sociology, with an emphasis on those related to cultural sociology.

Title
Career options

Tags
185773, 3

Learning Outcome
Students will learn about educational and career options related to sociology, with an emphasis on those related to cultural sociology.

Title
Bibliographic Search and Literature Review

Tags
185774, 1

Learning Outcome
Students will be introduced to doing a bibliographic search and a literature review.

SOC 333 - (Soc-Nurs) End-of-Life Care

Course Information

Teaching Area (new)
SOC

Course Number
333

Teaching Area
SOC

Course Title
(Soc-Nurs) End-of-Life Care

Course Description
End-of-life (EOL) care from spiritual, physical, and psychosocial perspectives. Comparisons from various cultural/ethnic backgrounds. Complexities of EOL care including impact on families, health care system, and society. Personal perspectives about death, dying, and bereavement.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 339 - Social Organization and Change

Course Information

Teaching Area (new)
SOC

Course Number
339

Teaching Area
SOC

Course Title
Social Organization and Change

Course Description
Understanding processes of social organization, change, and development in contemporary society.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Soc 111 and 310

SOC 340 - Sociology of International Development

Course Information

Teaching Area (new)
SOC

Course Number
340

Teaching Area
SOC

Course Title
Sociology of International Development

Course Description
Paradigms of development and poverty; international, national, and grass roots approaches to promote development and reduce poverty; and application in developing nations.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
Soc 111 or 112; IAS 220

Learning Outcomes

Title
Theory

Tags
185418, 1

Learning Outcome
Become familiar with different theories about development.

Title
Social Institutions

Tags
185419, 2

Learning Outcome
Understand the relationship between development and major social insitutions.

Title
Organizations

Tags
185420, 3

Learning Outcome
Learn about what different organizations are doing to promote beneficial development.

Title
Apply

Tags
185421, 4

Learning Outcome
Learn to apply what you have learned to a specific aspect of development.

Title
Integrate

Tags
185422, 5

Learning Outcome
Integrate what you have learned to develop your own approach to development and disciple.

SOC 345 - World Populations

Course Information

Teaching Area (new)
SOC

Course Number
345

Teaching Area
SOC

Course Title
World Populations

Course Description
Fertility, mortality, and migration patterns of world populations as they relate to current social, economic, political, and religious issues.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 350 - (Soc-Psych) Introduction to Social Psychology

Course Information

Teaching Area (new)
SOC

Course Number
350

Teaching Area
SOC

Course Title
(Soc-Psych) Introduction to Social Psychology

Course Description
Conformity and obedience; socialization, norms, roles; attitudes, leadership, group processes.

Department
Sociology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

SOC 360 - Introduction to Family Sociology

Course Information

Teaching Area (new)
SOC

Course Number
360

Teaching Area
SOC

Course Title
Introduction to Family Sociology

Course Description
Definitions of "family"; surveying the family as a context for sex, marriage, work, social reproduction, and violence in Western societies.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Assessing Sociological Theories and Research

Tags
185423, 1

Learning Outcome
Be able to critically assess the strengths and weaknesses of current sociological and demographic theories and research related to family sociology.

Title
Understanding Diversity and Inequality

Tags
185424, 2

Learning Outcome
Recognize how race, class, and gender intersect with family life and be familiar with the current literature on families and inequality.

Title
Accessing, Reviewing, and Analyzing Current Literature

Tags
185425, 3

Learning Outcome
Be able to read current literature, synthesize main points across articles and develop an original thesis or argument in writing that is supported by the literature.

Title
Substantive Knowledge

Tags
185426, 4

Learning Outcome
Know the major controversies and debates, as well as demographic trends related to the family in the United States.

Title
Application to Life

Tags
185427, 5

Learning Outcome
Integrate current literature on family and determine family patterns for your personal future family.

SOC 361 - Theoretical Foundations of Marriage and Family

Course Information

Teaching Area (new)
SOC

Course Number
361

Teaching Area
SOC

Course Title
Theoretical Foundations of Marriage and Family

Course Description
Comparative analysis of basic ideas and arguments for understanding marriage and family found in social science, social and political theory, law, and other forms of cultural discourse.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 365 - Sociology of Aging

Course Information

Teaching Area (new)
SOC

Course Number
365

Teaching Area
SOC

Course Title
Sociology of Aging

Course Description
Demographic and social factors related to aging: agencies, serving older citizens, and role of community in solving problems of aged.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Required for students in gerontology minor and/or certificate programs.

SOC 367 - Sociology of Gender

Course Information

Teaching Area (new)
SOC

Course Number
367

Teaching Area
SOC

Course Title
Sociology of Gender

Course Description
Gender in social institutions: family, social hierarchies, economics, education, organizations, religion, and science.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Conversant in Theory of Gender

Tags
185897, 1

Learning Outcome

Students will become acquainted with the major theoretical perspectives both sociological theories of gender, as well as other disciplinary perspectives.
Students will be able to evaluate gender through the lens of contrasting theoretical perspectives both in writing and in class discussions.

Title
Gender: Individual, Interactions, Institutions

Tags
185898, 2

Learning Outcome

Students will recognize how gender operates at the level of the individual, in social interaction, and in social institutions.
Students will be able to discuss how gender influences individual identity, social interactions, and social institutions.
This ability will be assessed by exams (breadth) and short paper assignments (depth).

Title
Application of Gendered Perspectives

Tags
185899, 3

Learning Outcome

Students will be able to apply gendered perspectives to everyday living. This will be developed in a class project to be presented orally.
Students will be able to apply gendered perpectives to their own lives. This will be assessed in short essay assignments and in small class discussion groups.

SOC 370 - Urban Sociology

Course Information

Teaching Area (new)
SOC

Course Number
370

Teaching Area
SOC

Course Title
Urban Sociology

Course Description
Norms, social controls, and social processes in urban areas in both historical and contemporary perspectives.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SOC 380 - Deviant Behavior and Social Control

Course Information

Teaching Area (new)
SOC

Course Number
380

Teaching Area
SOC

Course Title
Deviant Behavior and Social Control

Course Description
Theory and research related to deviance. Specific topics include psychosis, addiction, violence, and rape, among others.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Basic Tenets of Deviance and Social Control

Tags
212160, 0, 1

Learning Outcome
Students will develop an understanding of how rulemaking, rule violation and rule enforcement are basics tenets of all human existence. This includes an understanding of informal and formal mechanisms of social control, and a broad understanding of deviance as a social construction, influenced by power, race, class, gender, time, and location.

Title
Sociological Perspective

Tags
212161, 0, 2

Learning Outcome
Students will demonstrate their understanding of basic deviant and criminological phenomena from a sociological perspective.

Title
Application

Tags
212162, 0, 3

Learning Outcome
Students will apply their knowledge to understanding and interpreting real-world events

Title
Research and Writing

Tags
212163, 0, 4

Learning Outcome
Students will improve their ability to develop ideas through research and writing

Title
Empathy

Tags
212164, 0, 5

Learning Outcome
Develop Christ-like empathy for individuals and groups who struggle in society and are regularly deviantized and marginalized

SOC 390R - Special Topics in Contemporary Sociology

Course Information

Teaching Area (new)
SOC

Course Number
390R

Teaching Area
SOC

Course Title
Special Topics in Contemporary Sociology

Course Description
Course content varies from year to year.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Social structures

Tags
185436, 1

Learning Outcome
Students will be able to recognize the ways in which social structure and issues (government, family, education, health-care institutions, the media, etc.) have affected and affect women's lives.

Title
Contributions

Tags
185437, 2

Learning Outcome
Students will begin to gain an appreciation of the contributions of women throughout history and internationally.

Title
Present

Tags
185438, 3

Learning Outcome
Students will be able to perform and present research related to women's studies in oral, written, and/or multi-media formats.

Title
Informed choices

Tags
185439, 4

Learning Outcome
Students will be able to make informed choices about their own behavior, health, education, and employment decisions based on their understanding of the role gender plays in relationships and society.

Title
Vocabulary

Tags
185440, 5

Learning Outcome
Students will be able to define and use in speech and writing the critical vocabulary basic to the field of women's studies.

SOC 399R - Academic Internship

Course Information

Teaching Area (new)
SOC

Course Number
399R

Teaching Area
SOC

Course Title
Academic Internship

Course Description
Individualized work or volunteer experience in either a research setting or some kind of field placement with an organization.

Department
Sociology

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of instructor required.

Recommended
Soc 307 and related 300-level courses

Note
An APPROVED Internship Application is required before adding.
https://link.byu.edu/INTERN01

Learning Outcomes

Title
Lifelong practice

Tags
185441, 1

Learning Outcome
Establish a lifelong practice of making connections and creating a network of people that will help the student develop professionally

Title
Professionalism

Tags
185442, 2

Learning Outcome
Develop a professional sense of the work that will help the students identify personal learning outcomes for the semester

Title
Interactive service work

Tags
185443, 3

Learning Outcome
Learn about what sociologists call "interactive service work" or jobs that require working with individuals

Title
Organizational analysis

Tags
185444, 4

Learning Outcome
Produce a professional analysis of the organization where the student works

Title
Research project

Tags
185445, 5

Learning Outcome
Complete a research project that addresses some need in the organization for which the student is working

SOC 404 - Qualitative Research Methods

Course Information

Teaching Area (new)
SOC

Course Number
404

Teaching Area
SOC

Course Title
Qualitative Research Methods

Course Description
Purposes, methods, and limitations of qualitative research. Includes participant observation and hermeneutics skills.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Learning Outcomes

Title
Qualitative Research Epistemology

Tags
185446, 1

Learning Outcome
Students will be able to explain the epistemological assumptions of qualitative research methods, how to select the appropriate qualitative research method to address a research question, and the criteria for evaluating qualitative research methods.

Title
Qualitative Research Methods: Design and Data Collection

Tags
185447, 2

Learning Outcome
Students will be able to design and conduct an in-depth interview study, an oral history interview study, a focus group study, an ethnography, a qualitative content analysis study, a qualitative case study, and a mixed-method study.

Title
Qualitative Research Methods: Analysis

Tags
185448, 3

Learning Outcome
Students will be able to code and interpret qualitative data. (This may include the use of qualitative data analysis software.)

Title
Writing and Representation of Qualitative Research

Tags
185449, 4

Learning Outcome
Students will be able to write a qualitative methods and findings section, as for a qualitative research article.

Title
Educational and Career Planning

Tags
185450, 5

Learning Outcome
Students will be able to connect what they are learning in the sociology program and/or classes with educational and career options.

SOC 405 - Multiple Regression Analysis and Social Science Computing

Course Information

Teaching Area (new)
SOC

Course Number
405

Teaching Area
SOC

Course Title
Multiple Regression Analysis and Social Science Computing

Course Description
Data analysis and computer use in sociology; least squares and logistic regression techniques; SPSS and its use in conducting data analysis. Research report required.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management

Learning Outcomes

Title
Learning Outcomes

Tags
185451, 1

Learning Outcome

Students will be able to read and understand social scientific journal articles
Students will be able to inspect and transform data in preparation for testing a regression model.
Students will know the assumptions of regression analysis.
Students will be able to test regression models. Students will know how to present their findings both written an orally.

SOC 420 - Understanding Modern Societies

Course Information

Teaching Area (new)
SOC

Course Number
420

Teaching Area
SOC

Course Title
Understanding Modern Societies

Course Description
Comparative-historical theory and research on the political, economic, social, and cultural processes in the formation, social organization, and future prospects of modern societies.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 421 - Sociology of Organizations

Course Information

Teaching Area (new)
SOC

Course Number
421

Teaching Area
SOC

Course Title
Sociology of Organizations

Course Description
Examines organizational arrangements that maximize performance, innovation, and well-being; effective ways to develop social networks; diverse organizational forms like strategic alliances, multinational corporations, and NGOs.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 422 - Inequality and Society

Course Information

Teaching Area (new)
SOC

Course Number
422

Teaching Area
SOC

Course Title
Inequality and Society

Course Description
Distribution of economic and social resources (financial, status, prestige, power, and authority) as they relate to life changes, lifestyle, and social justice.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

Learning Outcomes

Title
Empathy

Tags
185452, 1

Learning Outcome
Develop Christ-like empathy for individuals and groups who struggle in society and find ways to extend compassion

Title
Inequality literature

Tags
185453, 2

Learning Outcome
know the origins and developments of inequality literature; understand origins of inequality and contemporary arguments grounded in qualitative and quantitative evidence; understand limitations of data collection

Title
Nature vs. nurture

Tags
185454, 3

Learning Outcome
Be conversant in the nature vs. nurture argument using the history of the IQ test to outline the development of dognitive skill debate.

SOC 423 - Sociology of Immigration

Course Information

Teaching Area (new)
SOC

Course Number
423

Teaching Area
SOC

Course Title
Sociology of Immigration

Course Description
How international migration has shaped social relations at the sub-national, national, and international levels. Examination of causes and effects of international migration from macro-, meso-, and micro-level perspectives to better understand the impacts and experience of international migration on those who leave, those who receive, and those who stay behind. Issues include citizenship, membership, and belonging.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Sociology major only or instructor permission.

Recommended
SOC 323, and either SOC 404 or SOC 405.

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

SOC 424 - Political Sociology

Course Information

Teaching Area (new)
SOC

Course Number
424

Teaching Area
SOC

Course Title
Political Sociology

Course Description
Analysis of power and decision-making, political institutions, grass root politics, stratification, and political activity, social movements and revolutions, science/ religion and politics. Writing intensive.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 425 - Markets and Society

Course Information

Teaching Area (new)
SOC

Course Number
425

Teaching Area
SOC

Course Title
Markets and Society

Course Description
Economic sociology exploring social dynamics of market behavior from an interdisciplinary perspective; topics include social factors related to value, price, and price volatility.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

Learning Outcomes

Title
Sociological perspective

Tags
185852, 2

Learning Outcome
Students will demonstrate their understanding of basic economic phenomena from a sociological perspective.

Title
Application

Tags
185853, 3

Learning Outcome
Students will apply their knowledge to understanding and interpreting real-world events.

Title
Research and writing

Tags
185854, 4

Learning Outcome
Students will improve their ability to develop ideas through research and writing.

Title
Basic tenets of economic sociology

Tags
185935, 1

Learning Outcome
Students will develop an understanding of the field of economic sociology.

SOC 426 - Sociology of Work and Occupations

Course Information

Teaching Area (new)
SOC

Course Number
426

Teaching Area
SOC

Course Title
Sociology of Work and Occupations

Course Description
Distinction between work and occupation, changes in the nature of work and labor force, impacts of work, mobility in work life, and occupational attainment.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 450 - The Family and Social Change

Course Information

Teaching Area (new)
SOC

Course Number
450

Teaching Area
SOC

Course Title
The Family and Social Change

Course Description
Changing patterns of family-related behaviors, functions, and forms. Demographic, economic, and ideological forces shaping the family.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 455R - Senior Experience Part 1

Course Information

Teaching Area (new)
SOC

Course Number
455R

Teaching Area
SOC

Course Title
Senior Experience Part 1

Course Description
This is the first semester of a two-semester experience with advanced substantive material and the integration and application of concepts and skills from earlier courses to produce a professional research paper.

Department
Sociology

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Note
Fulfills GE Advanced Writing and Oral Communication credit if both Soc 455R and Soc 456R are completed.

Learning Outcomes

Title
Literature Review and Theoretical Integration

Tags
185900, 1

Learning Outcome
Students will be able to create a literature review that demonstrates their ability to critically evaluate existing research as well as how to apply sociological concepts to data analysis.

Title
Integrating life goals and professional and career interests

Tags
185901, 2

Learning Outcome
Students will be able to Integrate the knowledge and skills learned in the sociology program with their career interests by translating their skills into a resume.

Title
Original Research

Learning Outcome
Develop an original research product that can be submitted as a writing sample to graduate schools, or to employers based on their educational and career goals.

SOC 456R - Senior Experience Part 2

Course Information

Teaching Area (new)
SOC

Course Number
456R

Teaching Area
SOC

Course Title
Senior Experience Part 2

Course Description
This is the second semester of a two-semester experience with advanced substantive material and the integration and application of concepts and skills from earlier courses to produce a professional research paper.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 455R - Senior Experience Part 1

Note
Fulfills GE Advanced Writing and Oral Communication credit if both Soc 455R and Soc 456R are completed.

Learning Outcomes

Title
Professional Presentation

Tags
185916, 1

Learning Outcome
Students will develop and demonstrate the ability to effectively communicate their research findings through academic and professional formats, such as research papers, conference presentations, or visual products like posters.

Title
Professional Application

Learning Outcome
Students will articulate how the sociological skills they have acquired-such as critical thinking, data analysis, and theoretical application, can be appropriately applied to academic or practical contexts.

SOC 460 - Issues in Family Sociology

Course Information

Teaching Area (new)
SOC

Course Number
460

Teaching Area
SOC

Course Title
Issues in Family Sociology

Course Description
Advanced sociological analysis of current issues relating to the family (e.g., theory, methodology, parenting, marriage, divorce, family crises, race, gender, etc.).

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 481 - Crime, Justice, and Corrections

Course Information

Teaching Area (new)
SOC

Course Number
481

Teaching Area
SOC

Course Title
Crime, Justice, and Corrections

Course Description
Nature and extent of criminal behavior; current theory and research related to causes of crime and treatment of criminals.

Department
Sociology

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SOC 307 - Data Analysis, Presentation, and Management **AND** SOC 310 - Social Inquiry

Recommended
Soc 404 or 405 or concurrent enrollment

SOC 490R - Special Topics in Sociology

Course Information

Teaching Area (new)
SOC

Course Number
490R

Teaching Area
SOC

Course Title
Special Topics in Sociology

Course Description
Course content varies from year to year.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

SOC 495R - Directed Reading in Sociology

Course Information

Teaching Area (new)
SOC

Course Number
495R

Teaching Area
SOC

Course Title
Directed Reading in Sociology

Course Description
Individualized reading program supervised by faculty member. Student selects reading topic and completes systematic in-depth reading of related literature.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of instructor required.

Learning Outcomes

Title
Literature

Tags
185458, 1

Learning Outcome
Students will develop and read literature from specific sub-field within sociology.

Title
Summarize

Tags
185459, 2

Learning Outcome
Students will evaluate, synthesize, and summarize literature in a specific sub-field of sociology.

SOC 497R - Directed Research in Sociology

Course Information

Teaching Area (new)
SOC

Course Number
497R

Teaching Area
SOC

Course Title
Directed Research in Sociology

Course Description
Individualized research program supervised by faculty member. Student selects topic and completes a research project.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Consent of instructor required.

Learning Outcomes

Title
Research outline

Tags
185460, 1

Learning Outcome
Students will develop research project under direction of faculty mentor.

Title
Research participation

Tags
185461, 2

Learning Outcome
Students will engage in a mentored research project that may involve reviewing the literature, data collection, data analysis, and/or preparing manuscripts, etc.

SOC 524 - Advanced Political Sociology

Course Information

Teaching Area (new)
SOC

Course Number
524

Teaching Area
SOC

Course Title
Advanced Political Sociology

Course Description
Social basis of political behavior. Modern theories and research concerning use of power and decision making.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
185812, 1

Learning Outcome
Students will demonstrate the ability to analyze and critique current literature on political sociology.

Title
Research Proposal

Tags
185813, 2

Learning Outcome
Students will produce a graduate-level, testable research proposal on political sociology.

Title
Data Management

Tags
185814, 3

Learning Outcome
Students will become familiar with data sets suitable for testing hypotheses on political sociology.

SOC 525 - Sociology of Religion

Course Information

Teaching Area (new)
SOC

Course Number
525

Teaching Area
SOC

Course Title
Sociology of Religion

Course Description
Influences of social factors in the development of various religious systems.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Soc 111, 325, or instructor's consent

Learning Outcomes

Title
Writing

Tags
185785, 2

Learning Outcome
Students will be able to participate in all stages of preparing an original, publishable contribution to the sociology of religion.

Title
Teamwork

Tags
185786, 3

Learning Outcome
Students will be able to organize and conduct team research on joint projects.

Title
Theories

Tags
185787, 0

Learning Outcome
Students will be able to explain selected theoretical frameworks in the sociology of religion.

Title
Criticism and Analysis

Tags
185793, 1

Learning Outcome
Students will be able to assess critically both published and unpublished texts relevant to religion, including datasets and other materials, in establishing meaningful frameworks and problems for study.

SOC 528 - Sociology of Rural Communities

Course Information

Teaching Area (new)
SOC

Course Number
528

Teaching Area
SOC

Course Title
Sociology of Rural Communities

Course Description
Review and critique of major theoretical and methodological approaches to the study of community, with a focus on rural communities.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Soc 311, 370, or instructor's consent.

Learning Outcomes

Title
Critical Analysis

Tags
185818, 1

Learning Outcome
Students will demonstrate the ability to analyze and critique current literature on the sociology of communities.

Title
Research Proposal

Tags
185819, 2

Learning Outcome
Students will produce a graduate-level, testable research proposal on communities.

Title
Data Management

Tags
185820, 3

Learning Outcome
Students will become familiar with data sets suitable for testing hypotheses on communities.

SOC 565 - The Individual and Family in Later Years.

Course Information

Teaching Area (new)
SOC

Course Number
565

Teaching Area
SOC

Course Title
The Individual and Family in Later Years.

Course Description
Developmental aspects of aging, focusing on the biophysical, cognitive, social, affective, and pathological dimensions in people aged 50 and over.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Critical Analysis

Tags
185821, 1

Learning Outcome
Students will demonstrate the ability to analyze and critique current literature on the sociology of geronotology.

Title
Research Proposal

Tags
185822, 2

Learning Outcome
Students will produce a graduate-level, testable research proposal on gerontology.

Title
Data Management

Tags
185823, 3

Learning Outcome
Students will become familiar with data sets suitable for testing hypotheses on geronotology.

SOC 590R - Special Topics in Sociology

Course Information

Teaching Area (new)
SOC

Course Number
590R

Teaching Area
SOC

Course Title
Special Topics in Sociology

Course Description
Course content varies from year to year.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Data Management

Tags
185824, 1

Learning Outcome
Students will become familiar with data sets suitable for testing hypotheses on the subject of the seminar.

Title
Research Proposal

Tags
185825, 2

Learning Outcome
Students will produce a graduate-level, testable research proposal on the subject of the seminar.

Title
Critical Analysis

Tags
185826, 3

Learning Outcome
Students will demonstrate the ability to analyze and critique current literature on the subject of the seminar.

SOC 595R - Directed Readings

Course Information

Teaching Area (new)
SOC

Course Number
595R

Teaching Area
SOC

Course Title
Directed Readings

Course Description
Individualized reading program supervised by faculty member.

Department
Sociology

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Note
Pass/Fail only.

Learning Outcomes

Title
Literature

Tags
185794, 0

Learning Outcome
Students will develop and read literature from specific sub-field of sociology.

Title
Synthesize

Tags
185803, 1

Learning Outcome
Students will evaluate, synthesize, and summarize literature in specific sub-field of sociology.

SOC 598R - Pro-Seminar

Course Information

Teaching Area (new)
SOC

Course Number
598R

Teaching Area
SOC

Course Title
Pro-Seminar

Course Description
Current developments in sociology including research, proposals, professional meetings, teaching, and finding a job.

Department
Sociology

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Required for all first year Sociology graduate students.

SPAN 101 - Foundational Spanish 1

Course Information

Teaching Area (new)
SPAN

Course Number
101

Teaching Area
SPAN

Course Title
Foundational Spanish 1

Course Description
Fundamentals of Spanish, emphasizing communication. (Accelerated sections available.) Pass/fail only.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Note
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Understand common basic cultural practices and products

Tags
199177, 4

Learning Outcome
Understand common basic cultural practices and products related to greetings and family life in some Spanish-speaking countries.

Title
Respond in written Spanish

Tags
199186, 3

Learning Outcome
Respond in written Spanish at the same level as indicated in outcomes related to speaking.

Title
Respond in Spanish to simple questions

Tags
199578, 0

Learning Outcome

Respond in Spanish to simple questions on the most common features of daily life

Title
Satisfy limited number of needs

Tags
199579, 2

Learning Outcome

Satisfy a very limited number of immediate needs through the use of spoken Spanish.

Title
Convey minimal meaning to interlocutors

Tags
199580, 1

Learning Outcome

Convey minimal meaning to interlocutors experienced with dealing with foreigners by using isolated words, lists of words, memorized phrases and some personalized recombinations of words and phrases.

SPAN 102 - Foundational Spanish 2

Course Information

Teaching Area (new)
SPAN

Course Number
102

Teaching Area
SPAN

Course Title
Foundational Spanish 2

Course Description
Continuation of Span 101. Fundamentals of Spanish, emphasizing communication. (Accelerated sections available.) Pass/fail only.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
2

Recommended
Span 101.

Note
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Understand common basic cultural practices and products

Tags
199150, 6

Learning Outcome
Understand common basic cultural practices and products related to travel in some Spanish-speaking countries.

Title
Respond in written Spanish

Tags
199205, 5

Learning Outcome
Respond in written Spanish at the same level as indicated in preceding objectives related to spoken Spanish.

Title
Using Spanish, participate in simple, direct conversations

Tags
199581, 0

Learning Outcome

Using Spanish, participate in simple, direct conversations on generally predictable topics related to daily activities and personal environment.

Title
Create with the language and communicate personal meaning

Tags
199582, 1

Learning Outcome
Create with the language and communicate personal meaning to sympathetic interlocutors by combining language elements in discrete sentences and strings of sentences.

Title
Obtain and give information

Tags
199583, 2

Learning Outcome
Obtain and give information by asking and answering questions.

Title
Sustain basic communicative exchanges

Tags
199584, 3

Learning Outcome
Sustain and bring to a close a number of basic, uncomplicated communicative exchanges, mostly in a reactive mode.

Title
Satisfy simple personal needs using spoken Spanish

Tags
199585, 4

Learning Outcome
Satisfy simple personal needs and social demands to survive in the target language culture.

SPAN 105 - University Spanish 1

Course Information

Teaching Area (new)
SPAN

Course Number
105

Teaching Area
SPAN

Course Title
University Spanish 1

Course Description
Continued development of grammar, cultural understanding, reading, writing, and conversation skills as introduced in foundational courses. Students are expected to attain an Intermediate-Mid proficiency level.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Two years of high school Spanish or Span 101/102.

Note
For students with two years of high school Spanish or equivalent. Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class.

Learning Outcomes

Title
Writing

Tags
199193, 1

Learning Outcome
Communicate using paragraph level discourse in writing.

Title
Simple Conversation

Tags
199201, 0

Learning Outcome
Use Spanish to maintain simple verbal conversations on everyday topics.

Title
Culture

Tags
199228, 5

Learning Outcome
Demonstrate understanding of and appreciation for Hispanic cultures.

Title
Communication

Tags
199248, 2

Learning Outcome
Be understood by sympathetic native speakers despite occasional misunderstandings.

Title
Verbal Narration

Tags
199601, 3

Learning Outcome
Describe and narrate in the past, present, and future a portion of the time.

Title
Culture

Tags
199602, 4

Learning Outcome
Understand that Hispanic culture is vast and diverse.

SPAN 106 - University Spanish 2

Course Information

Teaching Area (new)
SPAN

Course Number
106

Teaching Area
SPAN

Course Title
University Spanish 2

Course Description
Expanded development of grammar, cultural understanding, reading, writing, and conversation skills as introduced in foundational and intermediate courses. Students are expected to attain an *Intermediate-Mid* to *Intermediate-High* proficiency level.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Recommended
Span 105.

Note
Native Spanish speakers and Spanish-speaking returned missionaries CANNOT take this class. Contact the Department Office with questions (801-422-2838).

Learning Outcomes

Title
Writing

Tags
199180, 1

Learning Outcome
Communicate using paragraph level discourse in writing.

Title
Culture

Tags
199209, 5

Learning Outcome
Demonstrate understanding of and appreciation for Hispanic cultures.

Title
Communication

Tags
199220, 2

Learning Outcome
Be understood by sympathetic native speakers despite occasional misunderstandings.

Title
Conversation

Tags
199244, 0

Learning Outcome
Use Spanish to maintain simple verbal conversations on everyday topics.

Title
Narration

Tags
199603, 3

Learning Outcome
Describe and narrate in the past, present, and future a portion of the time.

Title
Culture

Tags
199604, 4

Learning Outcome
Understand that Hispanic culture is vast and diverse.

SPAN 111R - Spanish Conversation for High Beginners 1

Course Information

Teaching Area (new)
SPAN

Course Number
111R

Teaching Area
SPAN

Course Title
Spanish Conversation for High Beginners 1

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Novice High to Intermediate Low level. For students at the SPAN 105 level or equivalent.

Department
Spanish and Portuguese

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210505, 0, 1

Learning Outcome
Participate in spontaneous conversations on familiar topics by creating simple sentences and asking questions.

Title
Presentational Communication

Tags
210506, 0, 2

Learning Outcome
Give prepared or rehearsed presentations on familiar and everyday topics, using sentences and series of connected sentences.

SPAN 112R - Spanish Conversation for High Beginners 2

Course Information

Teaching Area (new)
SPAN

Course Number
112R

Teaching Area
SPAN

Course Title
Spanish Conversation for High Beginners 2

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Low to Intermediate Mid level. For students at the SPAN 106 level or equivalent.

Department
Spanish and Portuguese

When Taught
Fall Term 2; Winter Term 2.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210507, 0, 1

Learning Outcome
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

Title
Presentational Communication

Tags
210508, 0, 2

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

SPAN 119R - Mariachi Band

Course Information

Teaching Area (new)
SPAN

Course Number
119R

Teaching Area
SPAN

Course Title
Mariachi Band

Course Description
Musical group that meets regularly to rehearse and perform mariachi numbers (vocal, instrumental, or both) from Spanish-speaking countries.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Learning Outcomes

Title
Rehearse and perform musical works

Tags
207050, 1

Learning Outcome
Rehearse and perform musical works from Spanish-speaking countries.

Title
Rehearse and perform choral works

Tags
199502, 1

SPAN 205 - University Spanish 3

Course Information

Teaching Area (new)
SPAN

Course Number
205

Teaching Area
SPAN

Course Title
University Spanish 3

Course Description
Continued development of grammar, cultural understanding, conversation skills, writing, and reading through the study of literature. Students are expected to attain an *Intermediate-High* proficiency level.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Other Prerequisites
Four years of high school Spanish or Span 106.

Note
NOTE: Culminating course for the 100- and 200-level course sequence. NOTE: Fulfills the University Core Languages of Learning requirement. NOTE: Not for Spanish-speaking returned missionaries or native speakers.

Learning Outcomes

Title
Interpret a selection of literary works

Tags
191990, 2

Learning Outcome
Interpret and analyze a selection of literary works in Spanish within their historical and cultural context.

Title
Demonstrate Intermediate-level proficiency in Spanish

Tags
191991, 1

Learning Outcome
Speak, listen, read, and write in Spanish at the Intermediate proficiency level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines.

Title
Improve Spanish grammar and vocabulary

Tags
199605, 3

Learning Outcome
Demonstrate increased accuracy in using basic Spanish grammatical structures and an increased range of vocabulary on topics of general interest.

SPAN 206 - Intensive Spanish Skills Development

Course Information

Teaching Area (new)
SPAN

Course Number
206

Teaching Area
SPAN

Course Title
Intensive Spanish Skills Development

Course Description
Intensive development of oral and literacy skills at the Intermediate High to Advanced Low level, with emphasis on improving grammatical accuracy, fluency, and cultural competence. Intended to prepare students for Span 321 and subsequent courses.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Recommended
Spanish 205

Note
Course fulfills GE Languages of Learning requirement. Students enrolled in the course may also be eligible to take the Spanish Challenge Exam for 12 credits (see Dept. of Spanish and Portuguese website for more information).

Learning Outcomes

Title
Write compositions to meet academic needs

Tags
199642, 3

Learning Outcome
Write short compositions with sufficient grammatical accuracy to meet academic needs in higher-level courses.

Title
Communicate at the Intermediate High to Advanced Low level

Tags
199643, 1

Learning Outcome
Demonstrate proficiency in Spanish at the Intermediate High to Advanced Low level, as defined by the American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines for speaking, listening, reading, and writing.

Title
Analyze and interpret oral and written texts

Tags
199647, 2

Learning Outcome
Analyze and interpret a selection of oral and written texts from Spanish-speaking countries, including short stories and journalistic articles, within their historical and cultural context.

SPAN 211R - Spanish Conversation at the Intermediate Level 1

Course Information

Teaching Area (new)
SPAN

Course Number
211R

Teaching Area
SPAN

Course Title
Spanish Conversation at the Intermediate Level 1

Course Description
Continued development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Mid level. For students at the SPAN 205 level or equivalent.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210509, 0, 1

Learning Outcome
Request and provide information in conversations on familiar topics by creating simple sentences and asking appropriate follow-up questions.

Title
Presentational Communication

Tags
210510, 0, 2

Learning Outcome
Give prepared, rehearsed presentations on a variety of familiar topics and some pre-researched topics, using sentences and series of connected sentences.

SPAN 212R - Spanish Conversation at the Intermediate Level 2

Course Information

Teaching Area (new)
SPAN

Course Number
212R

Teaching Area
SPAN

Course Title
Spanish Conversation at the Intermediate Level 2

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Intermediate Mid to Intermediate High level. For students at the SPAN 206 level or equivalent.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210511, 0, 1

Learning Outcome
Exchange information in conversations and discussions on a variety of familiar topics and topics that I have researched, often across various time frames.

Title
Presentational Communication

Tags
210512, 0, 2

Learning Outcome
Give detailed presentations on a variety of familiar topics and pre-researched topics, using short paragraphs, often across various time frames.

SPAN 311R - Spanish Conversation at the Advanced Level 1

Course Information

Teaching Area (new)
SPAN

Course Number
311R

Teaching Area
SPAN

Course Title
Spanish Conversation at the Advanced Level 1

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the Advanced Low to Advanced Mid level. Not for native speakers.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210513, 0, 1

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

Title
Presentational Communication

Tags
210514, 0, 2

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

Title
Comprehension

Tags
199255, 1

Learning Outcome
Demonstrate proficiency in the comprehension of oral messages

Title
Syncretic Skills

Tags
199256, 2

Learning Outcome
Show syncretic skills by synthesizing authentic text (such as a newspaper articles or a literary text) in an oral presentation.

Title
Articulate Positions

Tags
199257, 3

Learning Outcome
Present to an audience a variety of topics including the ability to develop and articulate positions in Spanish.

Title
Discussion

Tags
199258, 4

Learning Outcome
Understand someone else speaking about a discipline-related topic and be able to engage that person in discussion.

Title
Evualtion

Tags
199259, 5

Learning Outcome
Evaluate the use of language to convey meaning, to inform, and to persuade.

Title
Interpersonal communication

Tags
207063, 0

Learning Outcome
Exchange information and ideas in discussions on a variety of familiar and concrete academic and social topics and across major time frames.

Title
Presentational communication

Tags
207064, 1

Learning Outcome
Deliver presentations on a variety of concrete academic, social and professional topics of interest, using organized paragraphs across major time frames.

SPAN 312R - Spanish Conversation at the Advanced Level 2

Course Information

Teaching Area (new)
SPAN

Course Number
312R

Teaching Area
SPAN

Course Title
Spanish Conversation at the Advanced Level 2

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Advanced Mid to Advanced High level. Not for native speakers.

Department
Spanish and Portuguese

When Taught
Fall Term 2; Winter Term 2.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Will not count toward Spanish major or minor.

Learning Outcomes

Title
Interpersonal Communication

Tags
210515, 0, 1

Learning Outcome
Discuss and sometimes debate a variety of complex concrete and some abstract academic, social and professional topics.

Title
Presentational Communication

Tags
210516, 0, 2

Learning Outcome
Deliver cohesive presentations on a variety of complex concrete topics related to community interests and some specialized fields.

Title
Syncretic Skills

Tags
199161, 3

Learning Outcome
Show syncretic skills by synthesizing authentic text (such as a newspaper articles or a literary text) in an oral presentation.

Title
Real-Life Communication

Tags
199204, 1

Learning Outcome
Communicate orally in Spanish in real-life situations, including academic, specialized, and public contexts.

Title
Interpersonal communication

Tags
207065, 5

Learning Outcome
Discuss and sometimes debate a variety of complex concrete and some abstract academic, social and professional topics.

Title
Presentational communication

Tags
207066, 6

Learning Outcome
Deliver cohesive presentations on a variety of complex concrete topics related to community interests and some specialized fields.

SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Course Information

Teaching Area (new)
SPAN

Course Number
321

Teaching Area
SPAN

Course Title
Third-Year Spanish Reading, Grammar, and Culture

Course Description
Intensive study and practice with Spanish grammar, vocabulary, and writings incorporating cultural and literary readings.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Minimum of one year in a Spanish-speaking mission or equivalent language immersion experience, or course work through SPAN 206 or equivalent. Intermediate High to Advanced Low proficiency expected. See department website for more information.

Learning Outcomes

Title
Demonstrate understanding of Hispanic cultures

Tags
199458, 0, 3, 2023-11-10 10:20:05

Learning Outcome
Identify and describe cultural themes and topics from a variety of regions and peoples from the Spanish-speaking world.

Title
Develop linguistic self-awareness

Tags
199709, 0, 4, 2023-11-10 10:20:12

Learning Outcome
Assess areas of strength and weakness in their Spanish skills and identify specific areas for improvement.

Title
Analyze literary works

Tags
199457, 0, 2, 2023-11-10 10:20:14

Learning Outcome
Identify and analyze a selection of literary works in Spanish.

SPAN 322 - Third-Year Spanish Composition

Course Information

Teaching Area (new)
SPAN

Course Number
322

Teaching Area
SPAN

Course Title
Third-Year Spanish Composition

Course Description
Study and practice of different writing styles, developing research skills.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Note
Strongly recommended for students continuing on to a graduate program.

Learning Outcomes

Title
Write argumentative essays

Tags
199376, 1

Learning Outcome
Write argumentative essays analyzing specific texts or topics, introducing a clear thesis and developing arguments to support the thesis using valid reasoning and sufficient evidence.

Title
Write expository research papers

Tags
199377, 2

Learning Outcome
Write expository research papers that gather and synthesize information from multiple sources, develop and support the topic with well-chosen facts and examples, and organize ideas to make important connections and distinctions.

Title
Apply writing conventions

Tags
199378, 4

Learning Outcome
Apply writing conventions from appropriate style guides (e.g., MLA, APA, Chicago, etc.) in composing papers and citing sources.

Title
Apply writing strategies and processes

Tags
199461, 3

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Give oral presentations

Tags
199586, 5

Learning Outcome
Effectively deliver formal oral presentations that are tailored to a specific audience, making use of appropriate presentational media.

Title
Convey meaning accurately

Tags
199587, 6

Learning Outcome
Convey meaning orally and in writing using a register and level of grammatical accuracy appropriate for academic and professional audiences.

SPAN 323A - Spanish for Medical Professions

Course Information

Teaching Area (new)
SPAN

Course Number
323A

Teaching Area
SPAN

Course Title
Spanish for Medical Professions

Course Description
Introduction to medical terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Acquire specialized vocabulary

Tags
211725, 0, 1

Learning Outcome
Acquire specialized Spanish vocabulary related to health care professions.

Title
Read authentic documents

Tags
211726, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to medical care.

Title
Compose written documents

Tags
211727, 0, 3

Learning Outcome
Compose written documents related to the field of health care, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211728, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211729, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211730, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

SPAN 323B - Spanish for Business Professions

Course Information

Teaching Area (new)
SPAN

Course Number
323B

Teaching Area
SPAN

Course Title
Spanish for Business Professions

Course Description
Introduction to business terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Acquire specialized vocabulary

Tags
211737, 0, 1

Learning Outcome
Acquire specialized Spanish vocabulary related to business professions.

Title
Read authentic documents

Tags
211738, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to business professions.

Title
Compose written documents

Tags
211739, 0, 3

Learning Outcome
Compose written documents related to the field of business, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211740, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211741, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211742, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the field of health care.

SPAN 323C - Spanish for Legal Professions

Course Information

Teaching Area (new)
SPAN

Course Number
323C

Teaching Area
SPAN

Course Title
Spanish for Legal Professions

Course Description
Introduction to legal terminology as used in oral and written professional contexts, with special emphasis on developing professional writing skills.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Acquire specialized vocabulary

Tags
211749, 0, 1

Learning Outcome
Acquire specialized Spanish vocabulary related to legal professions.

Title
Read authentic documents

Tags
211750, 0, 2

Learning Outcome
Read and interpret authentic documents and informative texts related to legal professions.

Title
Compose written documents

Tags
211751, 0, 3

Learning Outcome
Compose written documents related to legal professions, such as correspondence, reports, or case studies, incorporating protocols and a level of accuracy appropriate for a professional audience.

Title
Apply writing strategies and processes

Tags
211752, 0, 4

Learning Outcome
Develop and improve writing through multiple drafts by planning, revising, editing, and incorporating feedback.

Title
Demonstrate intercultural awareness

Tags
211753, 0, 5

Learning Outcome
Demonstrate awareness of cultural issues involved in working with Spanish speakers, such as their economic and political realities, social and professional practices, and cultural beliefs and values.

Title
Apply professional skills

Tags
211754, 0, 6

Learning Outcome
Demonstrate practical application of professional skills by researching job opportunities, observing, or volunteering in the legal field.

SPAN 325 - Introduction to Hispanic Linguistics

Course Information

Teaching Area (new)
SPAN

Course Number
325

Teaching Area
SPAN

Course Title
Introduction to Hispanic Linguistics

Course Description
Introduction to linguistics of Spanish: phonetics, phonology, morphology, syntax, semantics, history of the Spanish language, philology, dialectology, sociolinguistics, and psycholinguistics.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Explain general principles of linguistics

Tags
199382, 1

Learning Outcome
Identify and explain the foundational concepts of linguistics.

Title
Describe major subfields of linguistics

Tags
199383, 2

Learning Outcome
Describe elements of the sound system, the structure of words and sentences, and the semantic properties of Spanish.

Title
Relate linguistic principles to language variation

Tags
199384, 3

Learning Outcome
Relate basic principles of linguistics and knowledge of its major subfields to how language varies socially, geographically, and temporally.

SPAN 326 - Spanish Phonetics and Pronunciation

Course Information

Teaching Area (new)
SPAN

Course Number
326

Teaching Area
SPAN

Course Title
Spanish Phonetics and Pronunciation

Course Description
Spanish sound system; underlying concepts of Spanish speech production and applications to pronunciation.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Describe articulatory phonetics

Tags
199388, 1

Learning Outcome
Describe the physiology of sound production and how the sounds of Spanish are articulated.

Title
Analyze structure of Spanish sound system

Tags
199389, 2

Learning Outcome
Explain and analyze the principles underlying the Spanish sound system and the relationships among its basic units.

Title
Improve Spanish pronunciation

Tags
199390, 4

Learning Outcome
Demonstrate improvement in the pronunciation of Spanish.

Title
Transcribe texts phonetically

Tags
199391, 3

Learning Outcome
Transcribe phonetically both oral and written texts in Spanish.

SPAN 330 - Introduction to Hispanic Literature

Course Information

Teaching Area (new)
SPAN

Course Number
330

Teaching Area
SPAN

Course Title
Introduction to Hispanic Literature

Course Description
Readings in modern Hispanic literatures, focusing on formal literary analysis.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Note
Course is prerequisite to 400-level literature courses.

Learning Outcomes

Title
Describe literary genres

Tags
199414, 1

Learning Outcome
Describe and analyze the most salient elements of key literary genres including poetry, prose, and theater.

Title
Apply tools of literary interpretation

Tags
199415, 2

Learning Outcome
Apply fundamental tools of literary interpretation through reading, writing, and the discussion of a balanced selection of works from Spain and Spanish America.

Title
Write about literature

Tags
199416, 4

Learning Outcome
Write in Spanish about literature with a reasonable degree of grammatical correctness and fluency.

SPAN 335 - Survey of Hispanic Literature for Spanish Teachers

Course Information

Teaching Area (new)
SPAN

Course Number
335

Teaching Area
SPAN

Course Title
Survey of Hispanic Literature for Spanish Teachers

Course Description
Historical overview of representative authors, texts, and movements from the literatures of Spain and Latin America. In addition to demonstrating an understanding of the Hispanic literary tradition, students will develop pedagogical resources and strategies for teaching these literatures in the secondary school classroom, with special attention to works featured on the current Spanish Literature AP reading list.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Other Prerequisites
Spanish teaching major or minor status.

Note
Enrollment limited to Spanish teaching majors and minors.

Learning Outcomes

Title
Differentiate among contexts

Tags
207059, 1

Learning Outcome
Explain distinguishing features that characterize various periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish literature.

Title
Interpret texts

Tags
207060, 2

Learning Outcome
Formulate critical interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

Title
Identify embedded cultural elements

Tags
207061, 3

Learning Outcome
Identify, explain, and critically interpret cultural elements and allusions embedded in literary works that are unique to Hispanic cultures.

Title
Prepare a unit plan

Tags
207062, 4

Learning Outcome
Prepare a pedagogically sound unit of instruction for a secondary-level Spanish course based on a literary work from the AP Reading List, demonstrating competence in library research skills and the appropriate use of secondary sources.

SPAN 341 - Survey of Literature of Spain

Course Information

Teaching Area (new)
SPAN

Course Number
341

Teaching Area
SPAN

Course Title
Survey of Literature of Spain

Course Description
Literary masterpieces of Spain.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Interpret texts

Tags
199424, 1

Learning Outcome
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

Title
Write interpretive/research papers

Tags
199425, 3

Learning Outcome
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

Title
Differentiate among contexts

Tags
199466, 2

Learning Outcome
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish literature.

SPAN 345 - Cultures of Spain

Course Information

Teaching Area (new)
SPAN

Course Number
345

Teaching Area
SPAN

Course Title
Cultures of Spain

Course Description
Culture, history, art, music, and traditions of Spain.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Describe geographic regions

Tags
199345, 1

Learning Outcome
Describe the principal geographic regions, that might include topological features, important cities, and local traditions, customs, and languages.

Title
Analyze historical periods and current events

Tags
199346, 2

Learning Outcome
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

Title
Describe cultural products, institutions, and practices

Tags
199347, 3

Learning Outcome
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

Title
Discuss influence of own culture

Tags
199351, 4

Learning Outcome
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

Title
Conduct research

Tags
199370, 5

Learning Outcome
Engage in research that demonstrate an advanced awareness of cultural and historical knowledge.

SPAN 351 - Survey of Literature of Spanish America

Course Information

Teaching Area (new)
SPAN

Course Number
351

Teaching Area
SPAN

Course Title
Survey of Literature of Spanish America

Course Description
Literary masterpieces of Spanish America.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Write interpretive/research papers

Tags
199426, 3

Learning Outcome
Write cogent, persuasive, and grammatically correct interpretive essays that demonstrate competence in library research skills and the appropiate use of secondary sources.

Title
Interpret texts

Tags
199427, 1

Learning Outcome
Formulate interpretations of literary texts that take into account their socio-historical and aesthetic contexts.

Title
Differentiate among contexts

Tags
199467, 2

Learning Outcome
Define and differentiate among periods, representative authors, schools, movements, ideological trends, and the historical contexts of Spanish American literature.

SPAN 355 - Cultures of Spanish America

Course Information

Teaching Area (new)
SPAN

Course Number
355

Teaching Area
SPAN

Course Title
Cultures of Spanish America

Course Description
Culture, history, art, music, and traditions of Spanish America.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Describe geographic regions

Tags
199348, 2

Learning Outcome
Describe the principal geographic regions, that might include topological features, important cities, etc.

Title
Analyze historical periods

Tags
199349, 3

Learning Outcome
Describe and analyze historical periods and current events (e.g., political, social, artistic, and religious developments).

Title
Describe cultural products, institutions, and practices

Tags
199350, 4

Learning Outcome
Recognize and describe important cultural products (e.g., art, literature, architecture, and music, including important works and individuals), cultural institutions, and cultural practices.

Title
Discuss influence of own culture

Tags
199352, 5

Learning Outcome
By comparison, recognize and discuss the influence of their own cultural background on their attitudes, beliefs, and worldview.

Title
Conduct research

Tags
199363, 1

Learning Outcome
Engage in research that demonstrates an advanced awareness of cultural and historical knowledge.

SPAN 360 - Introduction to Translation

Course Information

Teaching Area (new)
SPAN

Course Number
360

Teaching Area
SPAN

Course Title
Introduction to Translation

Course Description
Readings, individual research projects, and group translation activities. How the translation profession works. Developing the ability to translate general financial and legal texts. Learning to read texts critically.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Critical Thinking and Expression: Methods of Translation

Tags
199638, 0

Learning Outcome
Explain and apply genre-specific methods (e.g discourse analysis, functional adequacy) for resolving common translation problems (e.g. challenges of figurative language, rhetorical patterns)

Title
Connecting Learning to Life: Industry Knowledge

Tags
199639, 2

Learning Outcome
Demonstrate an understanding of the translation industry, including questions of localization and domain.

Title
Critical Thinking and Expression: Evaluation

Tags
199640, 1

Learning Outcome
Demonstrate the ability to evaluate translation quality according to criteria such as conformity to specifications (e.g., audience, translator's purpose).

SPAN 361 - Spanish to English Translation

Course Information

Teaching Area (new)
SPAN

Course Number
361

Teaching Area
SPAN

Course Title
Spanish to English Translation

Course Description
Exploration of theory and practical applications of Spanish to English translation and interpretation, with practice in translating various textual genres.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 360 - Introduction to Translation

SPAN 362 - English to Spanish Translation

Course Information

Teaching Area (new)
SPAN

Course Number
362

Teaching Area
SPAN

Course Title
English to Spanish Translation

Course Description
Exploration of theory and practical applications of English to Spanish translation, with attention to translating specialized texts and developing knowledge of the translation industry.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SPAN 376 - Techniques of Spanish Instruction

Course Information

Teaching Area (new)
SPAN

Course Number
376

Teaching Area
SPAN

Course Title
Techniques of Spanish Instruction

Course Description
Instructional strategies and methodological approaches for developing proficiency and intercultural competence in Spanish. Key topics include standards-based lesson planning/curriculum development, use of technology, performance-based assessment, and addressing student diversity.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Note
For students not enrolled in Spanish teaching major or minor.

Learning Outcomes

Title
Discuss theories of language learning

Tags
199312, 1

Learning Outcome
Discuss basic theories of language teaching and learning.

Title
Plan units and lessons

Tags
199313, 2

Learning Outcome
Plan Standards-based units and lessons, aligning assessments with learning objectives.

Title
Teach language skills

Tags
199314, 3

Learning Outcome
Teach beginning-level vocabulary, grammar, culture, and the four skills (speaking, listening, reading, writing).

Title
Assess learning

Tags
199315, 4

Learning Outcome
Assess students' language and culture learning.

SPAN 377 - Spanish Teaching Methods 1

Course Information

Teaching Area (new)
SPAN

Course Number
377

Teaching Area
SPAN

Course Title
Spanish Teaching Methods 1

Course Description
Historical and theoretical trends in language teaching; standards- and proficiency-based lesson planning; strategies for teaching in the target language; teaching of interpersonal and presentational speaking skills; contextualized approaches for teaching grammar, and vocabulary; strategies for developing intercultural competence; and development of skills in general educational technologies common across disciplines. First of a two-semester sequence for Spanish Teaching majors and minors; fulfills methods course requirement for Dual Language Immersion Teaching minors.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Other Prerequisites
Teaching major or minor status; instructor's consent.

Learning Outcomes

Title
Advocate for the benefits of language learning

Tags
199606, 1

Learning Outcome
Advocate for the benefits of developing proficiency in a world language to students, parents, and colleagues.

Title
Implement standards- and proficiency-based lesson planning

Tags
199607, 3

Learning Outcome
Use a textbook (and/or relevant state and local curriculum documents) to plan effective language lessons that help K-12 students meet each of the World-Readiness Standards for Learning Languages and promote language proficiency as outlined in the ACTFL Proficiency Guidelines.

Title
Apply strategies for teaching in the target language

Tags
199608, 5

Learning Outcome
Apply effective strategies for conducting class in the target language, including techniques for making input comprehensible, providing instruction to beginning learners, and managing classroom activities and student behavior.

Title
Teach interpersonal and presentational speaking skills

Tags
199609, 6

Learning Outcome
Develop well-scaffolded instructional activities for supporting the growth of K-12 students' oral proficiency in the interpersonal and presentational modes.

Title
Apply contextualized approaches for teaching grammar and vocabulary

Tags
199610, 7

Learning Outcome
Apply contextualized approaches to teaching grammar and vocabulary that support K-12 students in noticing, inducing, and appropriating language patterns and structures for achieving their own communicative goals.

Title
Promote development of intercultural competence

Tags
199611, 8

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives using interactive techniques for developing interculturality.

Title
Develop skills in general educational technologies

Tags
199612, 4

Learning Outcome
Locate, evaluate, and integrate high quality information, culturally authentic materials, instructional resources, and media sources into language lessons in ways that avoid biased portrayals of diverse identities and reflect current ethical, legal, and professional standards of use regarding copyrighted materials, creative commons media, and social media.

Title
Discuss historical and theoretical trends in language teaching

Tags
199613, 2

Learning Outcome
Discuss major historical trends and theories of second language acquisition in world language teaching.

SPAN 378 - Spanish Teaching Methods 2

Course Information

Teaching Area (new)
SPAN

Course Number
378

Teaching Area
SPAN

Course Title
Spanish Teaching Methods 2

Course Description
Innovative approaches to unit planning; teaching of interpretive reading and listening skills; teaching of presentational writing skills; assessing language and culture learning; enhancing instruction with technology; adapting instruction for diverse learners; and becoming a professionally-engaged language educator. Second course in a two-semester sequence for Spanish Teaching majors and minors.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 377 - Spanish Teaching Methods 1

Other Prerequisites
Either (a) be accepted to the Spanish Teaching B.A. program, or (b) have declared a minor in Spanish Teaching, with a teaching major in another subject area.

Learning Outcomes

Title
Plan instructional units using innovative approaches

Tags
199614, 1

Learning Outcome

Plan effective instructional units using innovative approaches such as theme-based or project-based language learning that help K-12 students develop language proficiency and interculturality.

Title
Teach interpretive reading and listening skills

Tags
199615, 2

Learning Outcome

Develop well-scaffolded instructional activities for supporting the growth of K-12 students' proficiency in interpretive reading and listening.

Title
Teach presentational writing skills

Tags
199616, 3

Learning Outcome

Develop activities for supporting students throughout the writing process and helping them attend to issues such as the purpose for writing and the intended audience.

Title
Assess language and culture learning

Tags
199617, 4

Learning Outcome

Develop and adapt assessments, including tests as well as rubrics, checklists, and other alternative forms of assessment, to assess student performance and select appropriate strategies for error correction and feedback to improve performance.

Title
Integrate technology to support student learning

Tags
199618, 5

Learning Outcome

Integrate current technologies appropriate to language education to support student learning, develop language proficiency and cultural competence, improve professional productivity, and facilitate professional growth, making accommodations for differential access to technology.

Title
Adapt instruction for diverse learners

Tags
199619, 6

Learning Outcome

Plan for adapting instruction and appropriately integrating technology to meet the individual learning needs of all students (including students with disabilities, culturally diverse learners, heritage speakers, native speakers, and gifted students) in the mainstream language classroom.

Title
Compare and contrast program models

Tags
199620, 7

Learning Outcome

Compare and contrast the features of various language program models that are used in different settings for different purposes, student populations, and age groups.

Title
Become a professionally-engaged world language educator

Tags
199621, 8

Learning Outcome

Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues to improve personal teaching skills and world language programs.

SPAN 380 - Practicum in Teaching Spanish

Course Information

Teaching Area (new)
SPAN

Course Number
380

Teaching Area
SPAN

Course Title
Practicum in Teaching Spanish

Course Description
Implementing meaningful and engaging instruction for secondary students in Spanish; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 377 - Spanish Teaching Methods 1

Other Prerequisites
concurrent enrollment in Span 378; Spanish Teaching major status

Learning Outcomes

Title
Create appropriate learning experiences

Tags
198983, 1

Learning Outcome
Craft meaningful, standards-based, developmentally and contextually appropriate language learning experiences in Spanish for students

Title
Engage students in culture learning

Tags
198984, 2

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives using various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Informally assess student understanding

Tags
198985, 3

Learning Outcome
Use informal assessments to evaluate students' understanding

Title
Reflect on professional practice

Tags
198986, 4

Learning Outcome
Engage in professional dialogue and reflection with your mentor teacher to improve your own professional practice

SPAN 395R - Contemporary Culture

Course Information

Teaching Area (new)
SPAN

Course Number
395R

Teaching Area
SPAN

Course Title
Contemporary Culture

Course Description
Contemporary Spanish (or Spanish- American) culture: the people and their customs and institutions.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
For Study Abroad programs only.

Learning Outcomes

Title
Micro-Cultural Comptetence

Tags
198943, 1

Learning Outcome
Through a series of cultural proofs (visits, interviews, observations), develop a familiarity with the host culture at the level of the individual.

Title
Macro-Cultural Competence

Tags
198944, 2

Learning Outcome
Through readings, develop a familiarity with macro forces (historical, political, economical) that have shaped the host culture.

SPAN 399R - Academic Internship: Spanish Language Field Experience

Course Information

Teaching Area (new)
SPAN

Course Number
399R

Teaching Area
SPAN

Course Title
Academic Internship: Spanish Language Field Experience

Course Description
On-the-job experience.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Program coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Competencies

Tags
199157, 0, 0

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

Title
Reflection

Tags
209530, 0, 1

Learning Outcome
Students will be able to translate the value of professional development experience through guided reflection activites in order to tell their story.

SPAN 411 - Spanish Conversation at the Superior Level

Course Information

Teaching Area (new)
SPAN

Course Number
411

Teaching Area
SPAN

Course Title
Spanish Conversation at the Superior Level

Course Description
Development of interpersonal and presentational speaking skills in Spanish at the ACTFL Superior level. Intended for students with a solid mastery of Spanish grammar who desire to develop highly-refined speaking skills.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Interpersonal Communication

Tags
209482, 0, 1

Learning Outcome
Participate fully and effectively in discussions and debates on topics ranging from broad general interests to areas of specialized expertise, including supporting arguments and exploring hypotheses.

Title
Presentational Communication

Tags
209483, 0, 2

Learning Outcome
Deliver extended presentations on abstract or hypothetical issues and ideas ranging from broad general interests to areas of specialized expertise, with precision of expression and to a variety of audiences.

SPAN 421 - Fourth-Year Grammar

Course Information

Teaching Area (new)
SPAN

Course Number
421

Teaching Area
SPAN

Course Title
Fourth-Year Grammar

Course Description
Fourth-year study of Spanish grammar and usage.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Listening Comprehension

Tags
199224, 5

Learning Outcome
Improve listening comprehension of authentic Spanish sources.

Title
Vocabulary

Tags
199235, 3

Learning Outcome
Enrich passive and active vocabularies of Spanish.

Title
Syntactic Structures

Tags
199237, 2

Learning Outcome
Improve the knowledge of syntactic structures of Spanish.

Title
Spanish Writing

Tags
198967, 0, 4

Learning Outcome
Demonstrate competence in writing short essays in Spanish that conform to the "advanced" level as described in the ACTFL proficiency guidelines.

SPAN 423 - Spanish in Motion: Variation and Change in the Spanish-Speaking world

Course Information

Teaching Area (new)
SPAN

Course Number
423

Teaching Area
SPAN

Course Title
Spanish in Motion: Variation and Change in the Spanish-Speaking world

Course Description
The linguistic study of Spanish as it varies regionally, socially, and situationally (language variation) and how/why Spanish is changing through time (language change).

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:
- SPAN 326 - Spanish Phonetics and Pronunciation

OR

Complete ALL of the following Courses:
- LING 201 - Introduction to Linguistics (Modern)

Note
Previous course in linguistics strongly recommended.

Learning Outcomes

Title
Observe dialectal variation

Tags
199168, 1

Learning Outcome
Observe dialectal variation in authentic social contexts to become linguists who recognize and honor the cultural depth and human dignity embedded in language diversity.

Title
Analyze linguistic data

Tags
199222, 2

Learning Outcome
Analyze linguistic data with ethical sensitivity to become scholars who engage communities respectfully and interpret variation with intellectual rigor and compassionate insight.

Title
Interpret sociolinguistic patterns

Tags
199233, 0

Learning Outcome
Interpret sociolinguistic patterns through theoretical and cultural lenses to become critical thinkers who understand the role of language in shaping identity, power, and belonging.

Title
Apply dialectological insights

Learning Outcome
Apply dialectological insights to real-world challenges to become advocates for linguistic equity, educational access, and cultural preservation.

Title
Reflect on the spiritual and social dimensions of language

Learning Outcome
Reflect on the spiritual and social dimensions of language to become disciple-scholars who use their understanding to build bridges, foster inclusion, and serve with humility and purpose.

SPAN 425 - Contrastive Analysis of the Structures of Spanish and English

Course Information

Teaching Area (new)
SPAN

Course Number
425

Teaching Area
SPAN

Course Title
Contrastive Analysis of the Structures of Spanish and English

Course Description
Contrastive analysis of phonology, morphology, syntax, and semantics of Spanish and English.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Solving Linguistic Problems

Tags
198987, 3

Learning Outcome
Be able to solve linguistic problems in the teaching and learning of a second language.

Title
Assumptions in Modern Linguistics

Tags
199199, 4

Learning Outcome
Learn what the assumptions of modern linguistics are (e.g., natural language is based on the use of signs; language is a social phenomenon; oral language takes precedence over written language; linguistics is descriptive, not prescriptive; variation is intrinsic to language; language is highly structured; there are linguistic universals; etc.)

Title
Basic Principles of Linguistics

Tags
199703, 1

Learning Outcome
Students will learn the basic principles of the major fields of linguistics; i.e., phonetics, phonology, morphology, semantics, syntax, pragmatics, and sociolinguisitics.

Title
Contrasting English and Spanish

Tags
199704, 2

Learning Outcome
Students will be able to explain the chief differences and similarities between the linguistic structures of the English and Spanish languages.

SPAN 429R - Special Topics in Spanish Linguistics

Course Information

Teaching Area (new)
SPAN

Course Number
429R

Teaching Area
SPAN

Course Title
Special Topics in Spanish Linguistics

Course Description
Course content varies yearly; focuses on specific area of linguistics such as dialectology or sociolinguistics.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Read and analyze research

Tags
199532, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199533, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199475, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199477, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199528, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199529, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199530, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199531, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199534, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199535, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199536, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199537, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

Title
Read and analyze research

Tags
199538, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199539, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

SPAN 437R - Women Writers in Spanish

Course Information

Teaching Area (new)
SPAN

Course Number
437R

Teaching Area
SPAN

Course Title
Women Writers in Spanish

Course Description
Readings and research about women writers in Spanish and their texts.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Identify key women authors and texts

Tags
207042, 1

Learning Outcome
Identify key women authors who write in Spanish and describe the significance of some of their texts.

Title
Critically read and analyze texts

Tags
207043, 2

Learning Outcome
Critically read women-authored texts and analyze them within their cultural and literary contexts.

Title
Identify cultural issues affecting women writers

Tags
207047, 3

Learning Outcome
Identify specific cultural practices from the Spanish-speaking world that have impinged on women writers and their texts.

Title
Engage in self-reflection

Tags
207073, 5

Learning Outcome
Articulate the ways in which cultural practices related to gender have affected their own lives.

Title
Discuss critical questions in relation to women writers

Tags
207076, 4

Learning Outcome
Identify major questions in the current critical discourse related to women writers and engage those questions in relation to specific woman-authored text(s) in competent written essays.

SPAN 438 - Hispanic Cinema

Course Information

Teaching Area (new)
SPAN

Course Number
438

Teaching Area
SPAN

Course Title
Hispanic Cinema

Course Description
Introduction to study of film; background in appreciating best of motion picture art in Spain and Spanish America.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Note
Previous experience with film useful but not required.

Learning Outcomes

Title
Apply tools of film analysis

Tags
199408, 1

Learning Outcome
Demonstrate a mastery of basic tools of film analysis through the study of a variety of films from various film industries from Spain and Spanish America.

Title
Recognize film history

Tags
199409, 2

Learning Outcome
Recognize key moments and figures of film industries of Spain and Spanish America

Title
Write persuasive essays

Tags
199410, 3

Learning Outcome
Write cogent, persuasive essays using the tools of film analysis.

SPAN 439R - Hispanic Theatre Production

Course Information

Teaching Area (new)
SPAN

Course Number
439R

Teaching Area
SPAN

Course Title
Hispanic Theatre Production

Course Description
Theory and practice of dramatic performance. Includes participation in play to be performed during semester.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Director's consent

Note
No more than 3 hours of 439R credit may count toward any degree.

Learning Outcomes

Title
Participate in production of a play

Tags
199470, 2

Learning Outcome
Participate in the production of a play during the course of the semester.

Title
Demonstrate understanding of dramatic theory and practice

Tags
199471, 1

Learning Outcome
Demonstrate understanding of the theory and practice of dramatic performances.

Title
Develop research and writing skills

Tags
199473, 3

Learning Outcome
Develop skills in researching and writing about theatre.

SPAN 440 - Medieval Spanish Literature

Course Information

Teaching Area (new)
SPAN

Course Number
440

Teaching Area
SPAN

Course Title
Medieval Spanish Literature

Course Description
Spanish literature from *El Cantar de Mio Cid* (1140) through *La Celestina* (1499).

Department
Spanish and Portuguese

When Taught
Fall Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Discuss and assess important texts

Tags
199503, 1

Learning Outcome
Discuss and assess the most important texts of the Spanish medieval tradition, including such works as El cantar de Mio Cid and La Celestina.

Title
Discuss historical and social context

Tags
199505, 2

Learning Outcome
Demonstrate an awareness of the historical and socio-cultural backdrop of Hispanic medieval literature.

Title
Conduct research

Tags
199508, 3

Learning Outcome
Meaningfully and appropriately engage with the most relevant secondary scholarship on Spanish medieval literature.

Title
Write about literature

Tags
199510, 4

Learning Outcome
Demonstrate an ability to write meaningfully and insightfully about Spanish medieval literature, observing relevant academic protocols.

SPAN 443R - Golden Age Literature

Course Information

Teaching Area (new)
SPAN

Course Number
443R

Teaching Area
SPAN

Course Title
Golden Age Literature

Course Description
Sixteenth- and seventeenth-century Spanish literature.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Historical and Literary Context

Tags
198968, 2

Learning Outcome
Students will be able to analyze the texts studied in terms of the historical, cultural, and literary context of the Early Modern world.

Title
Genre

Tags
198969, 3

Learning Outcome
Students will be able to describe, analyze and discuss one or more of the genres of Early Modern Spanish literature and the conventions connected with the genre(s).

Title
Authors

Tags
199216, 0

Learning Outcome
Students will be able to demonstrate knowledge about one or more authors from the 16th and/or 17th centuries.

Title
Life-long reading

Tags
199225, 4

Learning Outcome
Students will develop the skills necessary to appreciate and enjoy reading Early Modern Spanish texts.

Title
Research and Writing

Tags
199240, 3

Learning Outcome
Students will strengthen their research and writing skills by producing essays about, editions of, and/or translations of 16th and 17th-century Spanish texts.

SPAN 444 - Don Quijote.

Course Information

Teaching Area (new)
SPAN

Course Number
444

Teaching Area
SPAN

Course Title
Don Quijote.

Course Description
In-depth study of Cervantes' *El ingenioso hidalgo don Quijote de la Mancha*.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Reading the text

Tags
198970, 1

Learning Outcome
Students will read Don Quijote de la Mancha in its original version, taking into account plot and character development, symbolism, cultural and literary context, literary antecedents, and subsequent influence.

Title
Theory and Interpretation

Tags
198971, 2

Learning Outcome
Students will comment on different strategies for reading, writing and translating (using critical vocabulary) as discussed in the Quijote, and will explain the different critical stances, including the "hard" perspective and the "soft" perspective.

Title
Realism, Metafiction

Tags
198972, 4

Learning Outcome
Students willanswer the question of whether el Quijote really is the first modern novel as many claim it to be. Students will identify and analyze episodes in the novel that display realism and metafiction, and will recognize the impact the Quijote has had on the development of these modes in the subsequent development of the western novel.

Title
Genre

Tags
199158, 3

Learning Outcome
Students will trace the stylistic innovations introduced by Cervantes in the Quijote, and its intersections with other genres (e.g. theater, poetry).

SPAN 446R - Nineteenth-Century Literature

Course Information

Teaching Area (new)
SPAN

Course Number
446R

Teaching Area
SPAN

Course Title
Nineteenth-Century Literature

Course Description
Romanticism (1770s through 1870s) and/or the novels of Benito Perez Galdos and his contemporaries.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Approaches

Tags
199371, 2

Learning Outcome
Apply relevant analytical and theoretical approaches to the subject matter in question.

Title
Detailed Knowledge

Tags
199375, 1

Learning Outcome
Demonstrate a detailed knowledge of Spanish romantic and/or realist literature.

SPAN 447R - Special Topics in Cultures of Spain

Course Information

Teaching Area (new)
SPAN

Course Number
447R

Teaching Area
SPAN

Course Title
Special Topics in Cultures of Spain

Course Description
An in-depth examination of some aspect of Iberian culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of Spain and/or those who desire a more focused cultural experience.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Identify, describe, and discuss cultural aspects

Tags
199487, 0, 1, 2020-10-13 12:24:29

Learning Outcome
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

Title
Critically analyze cultural products and practices

Tags
199486, 0, 2, 2020-10-13 12:24:29

Learning Outcome
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

Title
Conduct cultural research

Tags
199488, 0, 3, 2020-10-13 12:24:29

Learning Outcome
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

SPAN 448R - Twentieth-Century Spanish Literature

Course Information

Teaching Area (new)
SPAN

Course Number
448R

Teaching Area
SPAN

Course Title
Twentieth-Century Spanish Literature

Course Description
Genre (twentieth-century novel, drama, or poetry) or particular school (Generation of 1898, Generation of 1927, etc.) emphasized.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Advanced Research and Writing

Tags
198973, 3

Learning Outcome
Develop advanced skills in research techniques and academic writing.

Title
Literary Analysis

Tags
198974, 4

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to 20th-century Spanish Literature.

Title
Critical Practice

Tags
199198, 1

Learning Outcome
Demonstrate ability to apply key terms in critical practice (e.g., practical criticism, structural analysis, hermeneutics, etc.).

Title
Literary History

Tags
199203, 0

Learning Outcome
Demonstrate thorough understanding of twentieth-century Spanish literary history.

SPAN 449R - Special Topics in Spanish Literature

Course Information

Teaching Area (new)
SPAN

Course Number
449R

Teaching Area
SPAN

Course Title
Special Topics in Spanish Literature

Course Description
Specific topics in Spanish (peninsular) literature. Course content will vary each semester to offer optimum exposure to all areas of Spanish literature.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Aesthetic Constructs, Genres, and Context

Tags
198975, 1

Learning Outcome
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

Title
Literary Analysis

Tags
199165, 4

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to special topics in Spanish Literature.

Title
Research

Tags
199227, 2

Learning Outcome
Write essays in Spanish, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

Title
Literary Study Skills

Tags
199231, 3

Learning Outcome
Develop the habits and skills for Spanish literary study that inspire continued learning.

SPAN 450R - Early Spanish-American Literature

Course Information

Teaching Area (new)
SPAN

Course Number
450R

Teaching Area
SPAN

Course Title
Early Spanish-American Literature

Course Description
Indigenous literature (Maya, Nahuatl, etc.) and other texts written in Spanish Colonial America through eighteenth century.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Apply theoretical approaches

Tags
199498, 0

Learning Outcome
Apply a variety of analytical and theoretical approaches to the study of early Spanish American writings as literature and as a reflection of the early cultures of the Spanish-speaking countries of the Americas.

Title
Demonstrate textual knowledge

Tags
199500, 2

Learning Outcome
Demonstrate a strong knowledge of a broad range of the important literary and historical texts of the early Spanish American period and of the historical and cultural contexts in which they were produced.

Title
Critically analyze literature

Tags
199499, 1

Learning Outcome
Demonstrate an ability to critically analyze early Spanish American literature through insightful in-class participation, oral presentations, and written assignments.

Title
Critically analyze literature

Tags
200191, 1

Learning Outcome
Demonstrate an ability to critically analyze early pre-Columbian literature through insightful in-class participation, oral presentations, and written assignments.

SPAN 452 - U.S. Latinx Literature

Course Information

Teaching Area (new)
SPAN

Course Number
452

Teaching Area
SPAN

Course Title
U.S. Latinx Literature

Course Description
Spanish-English literature of the Mexican-American within the United States.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Summarize and discuss literary history

Tags
199511, 0

Learning Outcome
Summarize and discuss Mexican-American literary history.

Title
Conduct research and write academically

Tags
199513, 1

Learning Outcome
Develop advanced skills in research techniques and academic writing.

Title
Apply tools of literary analysis

Tags
199516, 3

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to Mexican-American Literature.

SPAN 454R - The Spanish American Novel

Course Information

Teaching Area (new)
SPAN

Course Number
454R

Teaching Area
SPAN

Course Title
The Spanish American Novel

Course Description
Selected Spanish-American novelists such as Juan Rulfo, Gabriel Garcia Marquez, Alejo Carpentier, Mario Vargas-Llosa, etc.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Demonstrate understanding of contexts

Tags
199482, 1

Learning Outcome
Demonstrate a strong understanding of the historical, social, and literary contexts of the novels and authors studied.

Title
Interpret novels

Tags
199484, 2

Learning Outcome
Demonstrate critical acuity in interpreting individual novels, drawing appropriately on the tools of literary criticism and theory.

Title
Prepare a research paper

Tags
199485, 3

Learning Outcome
Express one's insights in a research paper which makes appropriate use of secondary sources and demonstrates mastery of MLA protocols.

SPAN 455R - Spanish-American Poetry.

Course Information

Teaching Area (new)
SPAN

Course Number
455R

Teaching Area
SPAN

Course Title
Spanish-American Poetry.

Course Description
Selected Spanish-American poets, movements, and national traditions.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Poetry Interpretation

Tags
199036, 1

Learning Outcome
Demonstrate critical acuity in interpreting individual poems, making appropriate reference to formal poetic devices.

Title
Poetry Contexts

Tags
199037, 2

Learning Outcome
Demonstrate a grasp of the historical, social, and literary contexts of the poems and poets studied.

Title
Research Paper

Tags
199038, 3

Learning Outcome
Express one's insights in a research paper which makes appropriate use of secondary sources.

SPAN 456R - Spanish American Drama

Course Information

Teaching Area (new)
SPAN

Course Number
456R

Teaching Area
SPAN

Course Title
Spanish American Drama

Course Description
Twentieth-century theatre from Spanish America and Brazil.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Detailed Knowledge

Tags
199372, 1

Learning Outcome
Demonstrate a detailed knowledge of a particular topic, text or set of texts, or author(s) from the Spanish literary tradition.

Title
Approaches

Tags
199373, 2

Learning Outcome
Apply relevant analytical and theoretical approaches to the subject matter in question.

Title
Professionalism

Tags
199374, 3

Learning Outcome
Demonstrate professionalism in all facets of the course, including oral presentations and signficant writing assignments.

SPAN 457R - Special Topics in Cultures of Spanish America

Course Information

Teaching Area (new)
SPAN

Course Number
457R

Teaching Area
SPAN

Course Title
Special Topics in Cultures of Spanish America

Course Description
An in-depth examination of some aspect of Spanish American culture and civilization. Subject matter will vary. This course is recommended for those individuals who may already have a broad exposure to the culture and civilization of the Spanish-speaking countries of the Americas and/or those who desire a more focused cultural experience.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Learning Outcomes

Title
Identify, describe, and discuss cultural aspects

Tags
199489, 0, 1, 2020-10-13 12:24:50

Learning Outcome
Identify, describe, and discuss aspects of a specific culture or non-literary cultural topic or theme.

Title
Critically analyze cultural products and practices

Tags
199490, 0, 2, 2020-10-13 12:24:50

Learning Outcome
Critically analyze cultural products and practices in their historical and social contexts from the perspectives of members of the culture.

Title
Conduct cultural research

Tags
199491, 0, 3, 2020-10-13 12:24:50

Learning Outcome
Conduct research on a particular cultural topic and formally present the results in oral presentations or written papers.

SPAN 458R - Hispanic-American Short Story

Course Information

Teaching Area (new)
SPAN

Course Number
458R

Teaching Area
SPAN

Course Title
Hispanic-American Short Story

Course Description
Introduction and development of an important literary genre in Spanish America, including works of Jorge Luis Borges, Julio Cortazar, Juan Rulfo, Gabriel Garcia Marquez, etc.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
History and Key Figures

Tags
198976, 3

Learning Outcome
Gain a working knowledge of the history and principal figures of the Spanish American short story.

Title
Basic Bibliography

Tags
199162, 0

Learning Outcome
Master basic bibliographical techniques related to the short story genre.

Title
Formal Aspects of the Short Story

Tags
199195, 1

Learning Outcome
Demonstrate a firm grasp of the formal aspects of the short story genre.

SPAN 459R - Special Topics in Spanish American Literature

Course Information

Teaching Area (new)
SPAN

Course Number
459R

Teaching Area
SPAN

Course Title
Special Topics in Spanish American Literature

Course Description
Specific topics in Latin American literature. Course content will vary each semester to offer optimum exposure to all areas of Latin American literature.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature

Learning Outcomes

Title
Aesthetic Constructs, Genres, and Context

Tags
198977, 1

Learning Outcome
Recognize aesthetic constructs, genre differences and similarities, ideological trends, and historical contexts.

Title
Literary Study Skills

Tags
198978, 3

Learning Outcome
Develop the habits and skills for Spanish literary study that inspire continued learning.

Title
Literary Analysis

Tags
198979, 4

Learning Outcome
Understand and properly apply the tools of literary analysis, as well as critical and philosophical concepts which may apply to special topics in Spanish-American Literature.

Title
Research

Tags
199166, 2

Learning Outcome
Write essays in Spanish, including one final research paper, that demonstrate an advanced knowledge of the use of language and literary criticism.

SPAN 465 - Spanish for Medical Interpretation

Course Information

Teaching Area (new)
SPAN

Course Number
465

Teaching Area
SPAN

Course Title
Spanish for Medical Interpretation

Course Description
Teaching of English and Spanish medical vocabulary by body systems and associated medical specialties, ethics and standards of practice professional medical interpreters, and different modes of translation and interpretation.

Department
Spanish and Portuguese

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture
  AND SPAN 323A - Spanish for Medical Professions

Recommended
Rating of Advanced Mid or better on the ACTFL Oral Proficiency Interview (OPI).

Learning Outcomes

Title
Apply medical terminology

Tags
207037, 1

Learning Outcome
Learn and use medical terminology by body system and medical specialty in English and Spanish in simulated/real healthcare interpreting settings.

Title
Describe the health care profession

Tags
207038, 2

Learning Outcome
Identify and describe the basics of the profession of healthcare interpretation.

Title
Discuss responsibilities of interpreters

Tags
207039, 3

Learning Outcome
Discuss the functions and responsibilities of healthcare interpreters and explain the different modes of interpretation (consecutive, simultaneous and sight translation, interpretation by telephone or video).

Title
Discuss laws and standards

Tags
207040, 4

Learning Outcome
Discuss the laws, standards and regulations relevant to the profession, as well as ethical aspects, principles and standards of profession interpreter practice.

Title
Apply interpretation skills

Tags
207041, 5

SPAN 467 - History and Theory of Translation

Course Information

Teaching Area (new)
SPAN

Course Number
467

Teaching Area
SPAN

Course Title
History and Theory of Translation

Course Description
History of translation as a discipline, with attention to core methodological and philosophical issues and challenges. Survey of past agents of translation, key translated texts, and translation in the Western world, particularly the Spanish-speaking tradition.

Department
Spanish and Portuguese

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 360 - Introduction to Translation

SPAN 468 - Literary Translation

Course Information

Teaching Area (new)
SPAN

Course Number
468

Teaching Area
SPAN

Course Title
Literary Translation

Course Description
In-depth, project-based study of theory, criticism, and practice of translating various literary genres, focusing on Spanish-English and English-Spanish. Recommended for students who already have broad exposure to translation and desire a more focused experience.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 330 - Introduction to Hispanic Literature
  AND SPAN 360 - Introduction to Translation

SPAN 469 - Translation and Interpretation Project

Course Information

Teaching Area (new)
SPAN

Course Number
469

Teaching Area
SPAN

Course Title
Translation and Interpretation Project

Course Description
Individual translation and/or interpretation projects.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Translation Theory

Tags
198965, 1

Learning Outcome
Demonstrate an understanding of how translation theory has developed, particularly since the 1900s

Title
Translation Theory

Tags
198966, 2

Learning Outcome
Demonstrate understanding of translation theory by completing a detailed theoretical introduction for the capstone project.

SPAN 476 - Secondary Spanish Student Teaching

Course Information

Teaching Area (new)
SPAN

Course Number
476

Teaching Area
SPAN

Course Title
Secondary Spanish Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Span 377, 378, and 380

Learning Outcomes

Title
Integrate learning into teaching

Tags
198988, 1

Learning Outcome
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

Title
Improve language, culture, and teaching skills

Tags
198989, 2

Learning Outcome
Improve your Spanish language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

Title
Create appropriate learning experiences

Tags
198990, 3

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students' language proficiency

Title
Engage students in culture learning

Tags
198991, 4

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Tags
198992, 5

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

Title
Assess student learning

Tags
198993, 6

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

Title
Engage in professional development and reflection

Tags
198994, 7

Learning Outcome
Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

Title
Adapt instruction for diverse learners

Tags
198995, 8

Learning Outcome
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles and special needs

SPAN 478R - Secondary Minor Student Teaching

Course Information

Teaching Area (new)
SPAN

Course Number
478R

Teaching Area
SPAN

Course Title
Secondary Minor Student Teaching

Course Description
Supervised, full-day, four week experience to develop and demonstrate competence in teaching minor area course content in the secondary classroom.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
SC ED 377R or minor area equivalent; admittance to teaching major; FBI fingerprint background clearance.

SPAN 480R - Directed Research in Spanish

Course Information

Teaching Area (new)
SPAN

Course Number
480R

Teaching Area
SPAN

Course Title
Directed Research in Spanish

Course Description
Under faculty member's direction, designing and conducting research project covering material not normally presented in regular course work. Research paper required.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Written proposal subject to department approval

Note
Total Span 480R credit toward bachelor's degree not to exceed 3 hours.

Learning Outcomes

Title
Research skills

Tags
199178, 0

Learning Outcome
Conduct advanced, independent research on a topic in Hispanic studies.

SPAN 491 - Senior Proficiency Evaluation

Course Information

Teaching Area (new)
SPAN

Course Number
491

Teaching Area
SPAN

Course Title
Senior Proficiency Evaluation

Course Description
Taking required proficiency tests in speaking, writing, reading, and listening.

Department
Spanish and Portuguese

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Note
NOTE: For Spanish majors and minors only. Not for nonmajors or graduate students.

Learning Outcomes

Title
Spanish Speaking Proficiency

Tags
198980, 1

Learning Outcome
Evaluate Spanish speaking proficiency through the ACTFL Oral Proficiency Interview (OPI).

Title
Spanish Writing Proficiency

Learning Outcome
Evaluate Spanish writing proficiency through the ACTFL Writing Proficiency Test (WPT).

Title
Spanish Reading Proficiency

Learning Outcome
Evaluate Spanish reading proficiency through the Adapted Reading Test (ART).

Title
Spanish Listening Proficiency

Learning Outcome
Evaluate Spanish listening proficiency through the Adapted Listening Test (ALT).

SPAN 493 - Capstone Course in Spanish

Course Information

Teaching Area (new)
SPAN

Course Number
493

Teaching Area
SPAN

Course Title
Capstone Course in Spanish

Course Description
Culminating experience in which students assemble a portfolio demonstrating and reflecting on their learning as a Spanish major and their goals for continued language use and improvement.

Department
Spanish and Portuguese

When Taught
Fall, Winter, Summer

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Senior status or departmental advisor's consent.

Note
Course should be taken in the semester prior to graduation.

Learning Outcomes

Title
Reflect on learning

Tags
199549, 2

Learning Outcome
Students will reflect on their learning and experiences as a Spanish/ Portuguese major at BYU and set goals for continued language use and improvement.

Title
Assemble a portfolio

Tags
199550, 1

Learning Outcome
Students will assemble a portfolio of artifacts demonstrating their language ability, cultural competence, critical thinking and expression, and application of their language skills to their personal and professional life.

SPAN 496 - Secondary Spanish Teaching Internship

Course Information

Teaching Area (new)
SPAN

Course Number
496

Teaching Area
SPAN

Course Title
Secondary Spanish Teaching Internship

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Spanish and Portuguese

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Completion of all course work or departmental approval; requires a major GPA of 2.85; at least a C- in Span 377, 378, and 380

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Integrate learning into teaching

Tags
198996, 1

Learning Outcome
Critically integrate professional readings, coursework, and teaching experiences into a repertoire of options for professional thought and action

Title
Improve language, culture, and teaching skills

Tags
198997, 2

Learning Outcome
Improve your Spanish language proficiency, your cultural understanding, and your ability to help students see patterns in the language.

Title
Create appropriate learning experiences

Tags
198998, 3

Learning Outcome
Craft standards-based, developmentally and contextually appropriate, meaningful learning experiences in Spanish that support the growth of students' language proficiency

Title
Adapt instruction for diverse learners

Tags
198999, 4

Learning Outcome
Adapt learning experiences appropriately to better meet the needs of culturally diverse learners, including students with a variety of learning styles and special needs

Title
Engage students in culture learning

Tags
199000, 5

Learning Outcome
Contextualize language learning experiences in cultural products, practices, and perspectives and use various techniques for engaging students in critical thinking and problem-solving regarding culture

Title
Utilize communicative techniques and technologies

Tags
199001, 6

Learning Outcome
Utilize a variety of communication techniques and emerging technologies to foster active inquiry and collaboration in the classroom, to develop language proficiency and cultural competence, to foster students' intrinsic motivation, and to support your own professional productivity and growth

Title
Assess student learning

Tags
199002, 7

Learning Outcome
Develop and adapt a variety of traditional and alternative assessments (including performance-based assessments, portfolios, projects, and self-assessments) to inform instruction, to evaluate students' proficiency across all three modes of communication, to provide feedback that will improve student performance, and to report student progress

Title
Engage in professional development and reflection

Tags
199003, 8

Learning Outcome
Participate professionally in the school community, in professional organizations and professional development activities, and engage in professional dialogue and reflection with colleagues and community agencies to support students, improve your teaching, and strengthen your program

SPAN 520 - Problems in Spanish Grammar

Course Information

Teaching Area (new)
SPAN

Course Number
520

Teaching Area
SPAN

Course Title
Problems in Spanish Grammar

Course Description
Application of contemporary grammatical concepts to problems in Spanish grammar.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Grammar Rules and Problems

Tags
198981, 1

Learning Outcome
The student enrolled in Problems in Spanish Grammar will carefully examine and formulate more accurate and complete rules for several recalcitrant grammar "problems" by reading and studying selections from grammarians and researchers who provide insights into the problem in question. The student's ability to synthesize coherent and meaningful generalizations will be objectively tested by exams and further evaluated while he or she participates in classroom discussion.

Title
Research Paper

Tags
198982, 3

Learning Outcome
Complete a research paper/presentation on a particular grammar point or construction. This assignment will test a student's ability to locate appropriate refereed sources, read and synthesize them and prepare a written document and oral presentation according to a recognized style manual.

Title
Descriptive and Prescriptive Grammars

Tags
199192, 2

Learning Outcome
The student enrolled in Problems in Spanish Grammar will acquire a greater understanding of both descriptive and prescriptive grammars and their function and limitations. The student will also acquire specialized terms employed by grammarians and morphosyntacticians. The student’s ability to understand and use these terms appropriately will also be objectively measured by examination.

SPAN 521 - Romance Philology

Course Information

Teaching Area (new)
SPAN

Course Number
521

Teaching Area
SPAN

Course Title
Romance Philology

Course Description
Comparative study of the evolution of Latin into modern Romance languages.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Historical Context

Tags
199004, 1

Learning Outcome
Situate Latin and the Romance Languages in their "external" (i.e. political and literary) historical context.

Title
Phonological Evolution

Tags
199005, 2

Learning Outcome
Recognize the "laws" of regular phonological evolution (e.g. syncope, lenition, diphthongization, etc.).

Title
Lexical Differences and Etymology

Tags
199006, 4

Learning Outcome
Summarize the major lexical differences across Romance languages and some of the basic principles of etymology.

Title
Summarize Research

Tags
199007, 5

Learning Outcome
Become familiar with articles published in professional journals relating to the subject matter and produce accurate and meaningful written summaries and reactions to them.

Title
Transcription

Tags
199008, 6

Learning Outcome
Learn the rudiments of transcribing medieval or Renaissance manuscripts.

Title
Language Comparison

Tags
199153, 3

Learning Outcome
Compare the “major” (i.e. literary) Romance languages as far as their phonological development is concerned.

SPAN 522 - History of the Spanish Language

Course Information

Teaching Area (new)
SPAN

Course Number
522

Teaching Area
SPAN

Course Title
History of the Spanish Language

Course Description
Linguistic sources that contributed to formation of the Spanish language.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Nominal and Verbal Systems

Tags
199144, 1

Learning Outcome
Acquire a basic knowledge of the changes undergone by the nominal and verbal systems of Latin and Castilian (e.g. the demise of the case system, the development of new verbal tenses, etc.).

Title
Theory

Tags
199169, 6

Learning Outcome
Understand the different theories that claim to understand the relation between Latin and the Romance languages, especially the relation between Latin and Castilian.

Title
Scholarly Articles

Tags
199174, 2

Learning Outcome
Demonstrate the ability to summarize and discuss in a clear and concise manner several scholarly articles on the topic of the history of the Spanish language.

Title
Political and Literary Contexts

Tags
199181, 3

Learning Outcome
Situate Latin and Castilian in their political and literary historical contexts.

Title
Phonological Development

Tags
199232, 4

Learning Outcome
Recognize the laws of regular phonological development (e.g. syncope, lenition, diphthongization, etc.).

Title
Lexicon Sources

Tags
199236, 5

Learning Outcome
Identify the sources of the Castilian lexicon.

Title
Linguistic Standardization

Tags
199242, 7

Learning Outcome
Understand the process of linguistic standardization in Romance and its implications for the linguistic map of the Iberian Peninsula.

SPAN 529R - Special Topics in Spanish Linguistics

Course Information

Teaching Area (new)
SPAN

Course Number
529R

Teaching Area
SPAN

Course Title
Special Topics in Spanish Linguistics

Course Description
Topics include semantics, dialectology, and sociolinguistics.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- SPAN 325 - Introduction to Hispanic Linguistics

OR

Prerequisites

Complete ALL of the following Courses:

- SPAN 326 - Spanish Phonetics and Pronunciation

Learning Outcomes

Title
Read and analyze research

Tags
199474, 1

Learning Outcome
Read and analyze research articles related to special topic.

Title
Prepare a research paper/project

Tags
199476, 2

Learning Outcome
Produce an original research paper/project centered on the theme of the seminar.

SPAN 577 - Spanish Language Teaching Procedures

Course Information

Teaching Area (new)
SPAN

Course Number
577

Teaching Area
SPAN

Course Title
Spanish Language Teaching Procedures

Course Description
Mastery of skills specific to foreign language instruction. Lectures, demonstrations, practical experience.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
For public school teachers

Learning Outcomes

Title
Discuss language learning theories

Tags
199316, 1

Learning Outcome
Discuss basic theories of language teaching and learning.

Title
Plan units and lessons

Tags
199317, 2

Learning Outcome
Plan Standards-based units and lessons, aligning assessments with learning objectives.

Title
Teach language skills

Tags
199318, 3

Learning Outcome
Teach beginning-level vocabulary, grammar, culture, and the four skills (speaking, listening, reading, writing).

Title
Assess learning

Tags
199319, 4

Learning Outcome
Assess students' language and culture learning.

SPAN 581R - Minicourse in Hispanic Literatures

Course Information

Teaching Area (new)
SPAN

Course Number
581R

Teaching Area
SPAN

Course Title
Minicourse in Hispanic Literatures

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211763, 0, 1, 2022-03-02 09:41:17

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Hispanic literatures.

Title
Produce Scholarly Writing

Tags
211764, 0, 2, 2022-03-02 09:41:17

Learning Outcome
Students will be able to produce scholarly writing on a specific in Hispanic literatures that meets the academic specifications of the discipline.

SPAN 582R - Minicourse in Hispanic Linguistics

Course Information

Teaching Area (new)
SPAN

Course Number
582R

Teaching Area
SPAN

Course Title
Minicourse in Hispanic Linguistics

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211765, 0, 1, 2022-03-02 09:41:27

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Hispanic linguistics.

Title
Produce Scholarly Writing

Tags
211766, 0, 2, 2022-03-02 09:41:27

Learning Outcome
Students will be able to produce scholarly writing on a specific in Hispanic linguistics that meets the academic specifications of the discipline.

SPAN 583R - Minicourse in Spanish Pedagogy

Course Information

Teaching Area (new)
SPAN

Course Number
583R

Teaching Area
SPAN

Course Title
Minicourse in Spanish Pedagogy

Course Description
One-week evening mini-course on a specialized topic taught by invited faculty. Counts toward mini-course requirement for department M.A. programs.

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Registration open to undergraduates by department permission only.

Learning Outcomes

Title
Analyze Texts

Tags
211767, 0, 1, 2022-03-02 09:41:36

Learning Outcome
Students will be able to analyze scholarly texts on a specific topic in Spanish Pedagogy.

Title
Produce Scholarly Writing

Tags
211768, 0, 2, 2022-03-02 09:41:36

Learning Outcome
Students will be able to produce scholarly writing on a specific in Spanish Pedagogy that meets the academic specifications of the discipline.

SPAN 585 - Student Journal Production

Course Information

Teaching Area (new)
SPAN

Course Number
585

Teaching Area
SPAN

Course Title
Student Journal Production

Course Description
Production of the online student journal Entremundos of the Department of Spanish and Portuguese.

Department
Spanish and Portuguese

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

SPAN 599R - Academic Internship: Spanish Internship

Course Information

Teaching Area (new)
SPAN

Course Number
599R

Teaching Area
SPAN

Course Title
Academic Internship: Spanish Internship

Department
Spanish and Portuguese

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SPAN 321 - Third-Year Spanish Reading, Grammar, and Culture

Note
NOTE: For supervised internship credit on BYU Study Abroad programs only.
NOTE: An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Professional Competencies

Tags
199327, 0, 0

Learning Outcome
Students will be able to identify, through evidence-based narrative, key professional competencies in context.

Title
Telling your story

Tags
209551, 0, 1

Learning Outcome
Students will be able to translate the value of professional development experience through guided reflection exercises in order to tell their story.

SRBIA 100 - Language Study: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
100

Teaching Area
SRBIA

Course Title
Language Study: Serbian

Course Description
Survival-level conversation, reading, listening, and culture skills in Serbian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197202, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197203, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197204, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

SRBIA 101 - First-Year Language Study: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
101

Teaching Area
SRBIA

Course Title
First-Year Language Study: Serbian

Course Description
Beginning speaking, listening, reading, and writing skills in Serbian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197198, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197199, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197200, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197201, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SRBIA 102 - First-Year Language Study: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
102

Teaching Area
SRBIA

Course Title
First-Year Language Study: Serbian

Course Description
Second-semester speaking, listening, reading, and writing skills in Serbian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SRBIA 101 - First-Year Language Study: Serbian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197194, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197195, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197196, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197197, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SRBIA 201 - Second-Year Language Study: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
201

Teaching Area
SRBIA

Course Title
Second-Year Language Study: Serbian

Course Description
Intermediate speaking, listening, reading, and writing skills in Serbian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SRBIA 102 - First-Year Language Study: Serbian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197190, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197191, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197192, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197193, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

SRBIA 202 - Second-Year Language Study: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
202

Teaching Area
SRBIA

Course Title
Second-Year Language Study: Serbian

Course Description
Continued emphasis on Serbian communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SRBIA 201 - Second-Year Language Study: Serbian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197186, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197187, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197188, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197189, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SRBIA 305 - Language Skills Development: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
305

Teaching Area
SRBIA

Course Title
Language Skills Development: Serbian

Course Description
Increasing proficiency in one or more of the following Serbian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197183, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197184, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197185, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

SRBIA 321 - Advanced Grammar: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
321

Teaching Area
SRBIA

Course Title
Advanced Grammar: Serbian

Course Description
Advance your Serbian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197179, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197180, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197181, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
330

Teaching Area
SRBIA

Course Title
Advanced Language Proficiency Through Cultural Studies: Serbian

Course Description
Study of Serbian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Srbia 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197173, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197175, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197176, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197178, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SRBIA 340 - Introduction to Literature: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
340

Teaching Area
SRBIA

Course Title
Introduction to Literature: Serbian

Course Description
Explore Serbian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197167, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197168, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197169, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197171, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

SRBIA 350 - Advanced Language Study for Career Purposes: Serbian

Course Information

Teaching Area (new)
SRBIA

Course Number
350

Teaching Area
SRBIA

Course Title
Advanced Language Study for Career Purposes: Serbian

Course Description
Concentration on Serbian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SRBIA 330 - Advanced Language Proficiency Through Cultural Studies: Serbian

Learning Outcomes

Title
Defined Career Purposes

Tags
197162, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197163, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197164, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197165, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197166, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

STAC 100R - Intercollegiate Athletics: Men's Tennis

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Tennis

Course Description
Competence and technique in tennis through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's tennis team only.

Learning Outcomes

Tags
214437, 0, 1, 2023-08-29 12:37:55

Learning Outcome
Students will be able to improve tennis techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Basketball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Basketball

Course Description
Competence and technique in basketball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's basketball team only.

Learning Outcomes

Tags
214455, 0, 1, 2023-08-29 12:39:17

Learning Outcome
Students will be able to improve basketball techniques and competence.

STAC 100R - Intercollegiate Athletics

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics

Course Description
Course for university teams only.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
10.5

Learning Outcomes

Title
Competence and technique

Tags
206327, 0

Learning Outcome
Demonstrate competence and proper technique in chosen sport through practice and competition for the University Intercollegiate Athletics team.

STAC 100R - Intercollegiate Athletics: Men's Track and Field

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Track and Field

Course Description
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's track and field team only.

Learning Outcomes

Tags
214440, 0, 1, 2023-08-29 12:38:09

Learning Outcome
Students will be able to improve track and field techniques and competence.

STAC100R - Intercollegiate Athletics: Track and Field.

Course Information

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Track and Field.

Course Description
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for track and field team only.

STAC 100R - Intercollegiate Athletics: Men's Diving

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Diving

Course Description
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's diving team only.

Learning Outcomes

Tags
214442, 0, 1, 2023-08-29 12:38:20

Learning Outcome
Students will be able to improve diving techniques and competence.

STAC 100R - Intercollegiate Athletics: Women's Track and Field

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Track and Field

Course Description
Competence and technique in track and field through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's track and field team only.

Learning Outcomes

Tags
214443, 0, 1, 2023-08-29 12:38:21

Learning Outcome
Students will be able to improve track techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Swimming

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Swimming

Course Description
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's swim team only.

Learning Outcomes

Tags
214438, 0, 1, 2023-08-29 12:38:02

Learning Outcome
Students will be able to improve swimming techniques and competence.

STAC 100R - Intercollegiate Athletics: Women's Diving

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Diving

Course Description
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's diving team only.

Learning Outcomes

Title
Students will be able to improve diving techniques and competence in the sport if diving.

Tags
214452, 0, 1, 2023-08-29 12:39:12

STAC 100R - Intercollegiate Athletics: Cougarettes

Course Information

Teaching Area (new)
DANCE

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Cougarettes

Course Description
Performance with the Cougarettes competitive team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
14

Other Prerequisites
Audition

Learning Outcomes

Tags
214433, 0, 1, 2023-08-29 12:37:45

Learning Outcome
1. Students will represent Brigham Young University with honor and dignity.

Tags
214434, 0, 2, 2023-08-29 12:37:50

Learning Outcome
2. Students will demonstrate advanced level technique.

Tags
214435, 0, 3, 2023-08-29 12:37:52

Learning Outcome
3. Students will compete on a Nationals Level as determined each year.

STAC 100R - Intercollegiate Athletics: Women's Volleyball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Volleyball

Course Description
Competence and technique in volleyball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's volleyball team only.

Learning Outcomes

Title
Skills and fitness improvement

Tags
206268, 2

Learning Outcome
Demonstrate improvement in sport skills and physical fitness in practice and in competition.

Title
Rules, strategies and scoring

Tags
206387, 1

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring for the sport in practice and in competition.

STAC 100R - Intercollegiate Athletics: Women's Tennis

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Tennis

Course Description
Competence and technique in tennis through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's tennis team only.

Learning Outcomes

Tags
214444, 0, 1, 2023-08-29 12:38:23

Learning Outcome
Students will be able to improve tennis techniques and competence.

STAC 100R - Intercollegiate Athletics: Swimming

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Swimming

Course Description
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for swim team only.

Learning Outcomes

Tags
214436, 0, 1, 2023-08-29 12:37:53

Learning Outcome
Students will be able to improve swimming techniques and competence.

STAC 100R - Intercollegiate Athletics: Women's Softball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Softball

Course Description
Competence and technique in softball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's softball team only.

Learning Outcomes

Tags
214448, 0, 1, 2023-08-29 12:38:39

Learning Outcome
Students will be able to improve softball techniques and competence.

STAC 100R - Intercollegiate Athletics: Women's Gymnastics

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Gymnastics

Course Description
Competence and technique in gymnastics through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's gymnastics team only.

Learning Outcomes

Tags
214451, 0, 1, 2023-08-29 12:39:09

Learning Outcome
Students will be able to improve gymnastics techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Football

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Football

Course Description
Competence and technique in football through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's football team only.

Learning Outcomes

Tags
214439, 0, 1, 2023-08-29 12:38:06

Learning Outcome
Students will be able to improve football techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Volleyball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Volleyball

Course Description
Competence and technique in volleyball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's volleyball team only.

Learning Outcomes

Tags
214454, 0, 1, 2023-08-29 12:39:14

Learning Outcome
Students will be able to improve volleyball techniques and competence in the sport.

STAC 100R - Intercollegiate Athletics: Cosmo Dunk Team

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Cosmo Dunk Team

Course Description
Course for university teams only.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Learning Outcomes

Title
Competence and technique

Tags
214450, 0, 1, 2023-08-29 12:39:07

Learning Outcome
Demonstrate competence and proper technique in chosen sport through practice and competition for the University Intercollegiate Athletics team.

STAC 100R - Intercollegiate Athletics: Women's Swimming

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Swimming

Course Description
Competence and technique in swimming through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's swim team only.

Learning Outcomes

Tags
214447, 0, 1, 2023-08-29 12:38:31

Learning Outcome
Students will be able to improve swimming techniques and competence.

STAC 100R - Intercollegiate Athletics: Diving

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Diving

Course Description
Competence and technique in diving through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Contact Department

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for dive team only.

STAC 100R - Intercollegiate Athletics: Women's Soccer

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Soccer

Course Description
Competence and technique in soccer through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's soccer team only.

Learning Outcomes

Tags
214449, 0, 1, 2023-08-29 12:39:05

Learning Outcome
Students will be able to improve soccer techniques and competence.

STAC 100R - Intercollegiate Athletics: Cheer

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Cheer

Course Description
Competence and technique in cheer through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for cheer team only.

Learning Outcomes

Tags
214446, 0, 1, 2023-08-29 12:38:30

Learning Outcome
Students will be able to improve cheer techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Baseball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Baseball

Course Description
Competence and technique in baseball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's baseball team only.

Learning Outcomes

Tags
214445, 0, 1, 2023-08-29 12:38:28

Learning Outcome
Students will be able to improve baseball techniques and competence.

STAC 100R - Intercollegiate Athletics: Men's Golf

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Men's Golf

Course Description
Competence and technique in golf through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for men's golf team only.

Learning Outcomes

Tags
214441, 0, 1, 2023-08-29 12:38:11

Learning Outcome
Students will be able to improve golf techniques and competence.

STAC 100R - Intercollegiate Athletics: Women's Basketball

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Basketball

Course Description
Competence and technique in basketball through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's basketball team only.

Learning Outcomes

Tags
214453, 0, 1, 2023-08-29 12:39:13

Learning Outcome
Students will be able to improve basketball techniques and competence in the sports of basketball.

STAC 100R - Intercollegiate Athletics: Women's Golf

Course Information

Teaching Area (new)
STAC

Course Number
100R

Teaching Area
STAC

Course Title
Intercollegiate Athletics: Women's Golf

Course Description
Competence and technique in golf through practice and competition for the University Intercollegiate Athletics team.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for women's golf team only.

STAC 199R - Athletic Administration Internship

Course Information

Teaching Area (new)
STAC

Course Number
199R

Teaching Area
STAC

Course Title
Athletic Administration Internship

Course Description
Development of professional skills in athletics administration: Logistics, event planning, marketing, social media.

Department
Student Life

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Team/Program management

Tags
214456, 0, 1, 2023-08-29 12:39:25

Learning Outcome
Demonstrate organization, competency and reliability as an asset to the management of the athletic team or program.

STAC 201R - Extramural Rugby

Course Information

Teaching Area (new)
STAC

Course Number
201R

Teaching Area
STAC

Course Title
Extramural Rugby

Course Description
Competence and technique in rugby through practice and competition for the University Extramural Athletics team.

Department
Student Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for extramural rugby team only.

Learning Outcomes

Title
Skills

Tags
206437, 1

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

Title
Rules and strategies

Tags
206438, 2

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

Title
Physical fitness

Tags
206439, 3

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

STAC 201R - Extramural Soccer

Course Information

Teaching Area (new)
STAC

Course Number
201R

Teaching Area
STAC

Course Title
Extramural Soccer

Course Description
Competence and technique in soccer through practice and competition for the University Extramural Athletics team.

Department
Student Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for extramural soccer team only.

Learning Outcomes

Title
Skills

Tags
206440, 1

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

Title
Rules and strategies

Tags
206441, 2

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

Title
Physical fitness

Tags
206442, 3

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

STAC 201R - Extramural Sports

Course Information

Teaching Area (new)
STAC

Course Number
201R

Teaching Area
STAC

Course Title
Extramural Sports

Course Description
Competence and technique in extramural sports through practice and competition for the University Extramural Athletics team.

Department
Student Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for extramural sports teams only.

Learning Outcomes

Title
Rules and strategies

Tags
206240, 1

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

Title
Skills

Tags
206251, 0

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

Title
Physical fitness

Tags
206377, 2

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

STAC 201R - Extramural Racquetball

Course Information

Teaching Area (new)
STAC

Course Number
201R

Teaching Area
STAC

Course Title
Extramural Racquetball

Course Description
Competence and technique in raquetball through practice and competition for the University Extramural Athletics team.

Department
Student Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for extramural racquetball team only.

Learning Outcomes

Title
Skills

Tags
206434, 1

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

Title
Rules and strategies

Tags
206435, 2

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

Title
Physical fitness

Tags
206436, 3

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

STAC 201R - Extramural Lacrosse

Course Information

Teaching Area (new)
STAC

Course Number
201R

Teaching Area
STAC

Course Title
Extramural Lacrosse

Course Description
Competence and technique in lacrosse through practice and competition for the University Extramural Athletics team.

Department
Student Life

When Taught
All Semesters/Terms

Credit Hours

Min:
0

Fixed/Max:
2

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
14

Note
Course for extramural lacrosse team only.

Learning Outcomes

Title
Skills

Tags
206431, 1

Learning Outcome
Demonstrate competence and proper technique in skills of the sport through practice and competition for the University extramural team.

Title
Rules and strategies

Tags
206432, 2

Learning Outcome
Demonstrate proficiency with the rules, strategies and scoring in the sport through game preparation and execution in competition.

Title
Physical fitness

Tags
206433, 3

Learning Outcome
Demonstrate improvement in sport skills and physical fitness.

STAT 105 - Introduction to Statistics

Course Information

Teaching Area (new)
STAT

Course Number
105

Teaching Area
STAT

Course Title
Introduction to Statistics

Course Description
Fundamental ideas and applications of statistics.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MATH 97 or equivalent.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
The Value of Statistics

Tags
205529, 1

Learning Outcome
Understand and appreciate the value of statistics as a discipline and its relevance for general education

Title
Observational Studies and Simple Experiments

Tags
205576, 2

Learning Outcome
Evaluate the validity of research findings from observational studies and simple experiments by asking appropriate questions regarding data collection and analysis

Title
Observational Studies and Experiments

Tags
205600, 4

Learning Outcome
Distinguish between observational studies and experiments in terms of how data is collected and what appropriate conclusions to make

Title
Potential Associations

Tags
205637, 5

Learning Outcome
Determine potential associations between two categorical and between two quantitative variables

Title
Graphical Methods and Numerical Summaries

Tags
205654, 3

Learning Outcome
Analyze data using appropriate graphical methods and numerical summaries

Title
Estimation and Hypothesis Tests

Tags
205696, 6

Learning Outcome
Interpret and communicate the outcomes of estimation and hypothesis tests in the context of a problem

STAT 121 - Introduction to Statistical Data Analysis

Course Information

Teaching Area (new)
STAT

Course Number
121

Teaching Area
STAT

Course Title
Introduction to Statistical Data Analysis

Course Description
Graphical displays and numerical summaries, data collection methods, probability, sampling distributions, confidence intervals and hypothesis testing involving one or two means and proportions, contingency tables, correlation and simple linear regression.

Department
Statistics

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Recommended
MATH 110 or equivalent

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at https://is.byu.edu/catalog/.

Learning Outcomes

Title
Research Design

Tags
214623, 0, 1

Learning Outcome
Identify the population and parameters of interest in a research study, and explain their relevance to the research question.

Title
Data Collection

Tags
214624, 0, 2

Learning Outcome
Evaluate the validity of data collection methods used in observational studies and experiments.

Title
Data Visualization

Tags
214625, 0, 3

Learning Outcome
Create effective and appropriate visual and numerical summaries of datasets.

Title
Modeling and Analysis

Tags
214626, 0, 4

Learning Outcome
Carry out the following analyses and interpret the results in the context of the research study: 1) Hypothesis testing and confidence intervals for a single mean, a single proportion, the difference between two means, and the difference between two proportions; 2) ANOVA for comparing multiple means; 3) Chi-square test of independence; 4) Simple and multiple linear regression.

Title
Computing

Learning Outcome
Use basic statistical computer applications to carry out each of the above analyses.

STAT 124 - SAS Base Programming Skills

Course Information

Teaching Area (new)
STAT

Course Number
124

Teaching Area
STAT

Course Title
SAS Base Programming Skills

Course Description
Base SAS programming skills, introductory statistical analysis and graphics, simulation of introductory statistical concepts.

Department
Statistics

When Taught
Spring Term

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Import and export raw data files

Tags
205750, 1

Learning Outcome
Import and export raw data files (e.g. text, excel, csv, etc.). This includes different variable types (e.g. numeric, character, date, time, currency, etc.)

Title
Manipulate and transform data

Tags
205751, 2

Learning Outcome
Manipulate and transform data

Title
Create and combine SAS data sets

Tags
205752, 3

Learning Outcome
Create and combine SAS data sets

Title
Create reports

Tags
205753, 4

Learning Outcome
Create basic detail and summary reports using ODS and SAS procedures

Title
Debugging SAS code

Tags
205754, 5

Learning Outcome
Identify and correct data, syntax, and programming logic errors

Title
Use SAS statements and procedures

Tags
205885, 6

Learning Outcome
Use SAS statements and procedures to:

Compute numerical statistics used in introductory statistics
Create simple graphs and charts used in introductory statistics

STAT 130 - Introduction to the Department of Statistics

Course Information

Teaching Area (new)
STAT

Course Number
130

Teaching Area
STAT

Course Title
Introduction to the Department of Statistics

Course Description
A review of the different major/emphasis options, class planning, and information on department resources.

Department
Statistics

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
This class must be taken before or concurrently with Stat 123, Stat 230, Stat 240.

Recommended
Stat 121

Note
This class should be taken the first semester as a freshman or the first semester after declaring as a statistics or actuarial science major.

Learning Outcomes

Title
Understanding Major/Emphasis Options

Learning Outcome
Students will be able to identify and compare the different major and emphasis options available within the department, understanding the unique focus and career opportunities each offers.

Title
Develop Effective Class Planning Skills

Learning Outcome
Students will learn how to create a comprehensive graduation plan that aligns with their academic and career goals, including selecting appropriate courses and managing their academic schedule.

Title
Utilize Department Resources

Learning Outcome
Students will gain knowledge about the various resources provided by the department, such as advising services, academic support, and extracurricular opportunities, and learn how to effectively utilize them to enhance their educational experience.

Title
Internships and Research

Learning Outcome
Students will know how to search and obtain academic internships, department employment, and research opportunities.

Title
Integrate Department Resources in Academic Planning

Learning Outcome
Students will demonstrate the ability to incorporate department resources into their academic planning process, ensuring they are fully supported throughout their academic journey and are making informed decisions.

Title
Develop a Tailored Resume

Learning Outcome
Students will create a tailored resume that effectively communicates their proficiency in statistical analysis, software, and programming skills to potential employers.

STAT 199R - Academic Internship

Course Information

Teaching Area (new)
STAT

Course Number
199R

Teaching Area
STAT

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and posted on student's transcript.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Department chair's and internship coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Work Ethics

Tags
205559, 2

Learning Outcome
Demonstrate good work ethics

Title
Appropriate Dress and Etiquette

Tags
205599, 1

Learning Outcome
Practice appropriate dress and etiquette in varied business settings

Title
Written and Oral Communication

Tags
205670, 3

Learning Outcome
Demonstrate effective written and oral communication skills as they report on their internship

STAT 201 - Statistics for Engineers and Scientists

Course Information

Teaching Area (new)
STAT

Course Number
201

Teaching Area
STAT

Course Title
Statistics for Engineers and Scientists

Course Description
Explores statistics through observational studies, experiments, probability, inference, and data analysis. Emphasizes variability, modeling, and software tools to solve scientific and engineering problems, and support evidence-based decision making.

Department
Statistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ANY of the following Courses:

- MATH 112 - Calculus 1
  OR MATH 113 - Calculus 2

Recommended
Prior Python programming experience

Learning Outcomes

Title
Understand and apply foundational statistical principles

Tags
205522, 8

Learning Outcome
Explain and implement core concepts of descriptive statistics, probability, sampling distributions, and statistical inference, including confidence intervals, hypothesis testing, and basic linear models.

Title
Design and critique data collection strategies

Tags
205525, 11

Learning Outcome
Distinguish appropriate principles of experimental design and sampling methods, evaluate bias, and distinguish between observational and experimental studies.

Title
Model and analyze data using computational tools

Tags
205528, 2

Learning Outcome
Use statistical software to summarize, visualize, and analyze data using appropriate models for both discrete and continuous random variables.

Title
Draw valid conclusions and communicate results clearly

Tags
205638, 6

Learning Outcome
Interpret results of statistical analyses, assess practical significance, and effectively communicate findings.

Title
Make evidence-based decisions in engineering contexts

Tags
205738, 7

Learning Outcome
Apply statistical methods to real-world engineering problems, recognizing the limitations of inference.

Title
Evaluate ethical and moral dimensions of data usage

Tags
205781, 3

Learning Outcome
Demonstrate integrity in data analysis, avoid misuse of statistics, and thoughtfully engage with ethical questions surrounding uncertainty, fairness, and decision-making.

Title
Foster curiosity and prepare for lifelong learning

Tags
205782, 1

Learning Outcome
Develop confidence and curiosity in approaching data-driven problems, laying a foundation for further study in science, engineering, and interdisciplinary applications.

STAT 220 - Statistical Modeling for Data Science

Course Information

Teaching Area (new)
STAT

Course Number
220

Teaching Area
STAT

Course Title
Statistical Modeling for Data Science

Course Description
Statistical thinking, basic probability and random variables, estimation, uncertainty in estimation, inference and interpretation for the linear model, prediction, model comparison, introduction to Bayesian statistics, binary data, evaluating classification models, data ethics and privacy

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Completion Requirement

Fulfill ANY of the following requirements:

Complete ALL of the following Courses:
- STAT 121 - Introduction to Statistical Data Analysis
  AND C S 110 - How to Program

OR

Complete ALL of the following Courses:
- STAT 121 - Introduction to Statistical Data Analysis
  AND C S 111 - Introduction to Computer Science

OR

Complete ALL of the following Courses:
- STAT 201 - Statistics for Engineers and Scientists
  AND C S 110 - How to Program

Learning Outcomes

Title
Random Variables and Distributions

Tags
212894, 0, 1, 2023-05-08 15:19:21

Learning Outcome
Understand the assumptions and properties of the Bernoulli and normal distributions

Title
Maximum Likelihood

Tags
212895, 0, 2, 2023-05-08 15:19:21

Learning Outcome
Understand the basic principles of maximum likelihood estimation

Title
Linear Models

Tags
212896, 0, 3, 2023-05-08 15:19:21

Learning Outcome
Fit the linear regression model using statistical software; predict using the linear model; assess the fit of the linear model, quantify uncertainty associated with the linear model

Title
Data Ethics and Privacy

Tags
212897, 0, 4, 2023-05-08 15:19:21

Learning Outcome
Understand how the use of data can be an invasion of privacy and how privacy should always be protected. Understand the implications of systemic biases that can be embedded in statistical models

Title
Bayes' Theorem

Tags
212898, 0, 5, 2023-05-08 15:19:21

Learning Outcome
Explain how conditional probability and Bayes' Theorem relate to the analysis of data via the Bayesian paradigm

Title
Bayesian Analysis

Tags
212899, 0, 6, 2023-05-08 15:19:21

Learning Outcome
Interpret and explain the results of Bayesian analyses

Title
Logistic Regression

Tags
212900, 0, 7, 2023-05-08 15:19:21

Learning Outcome
Fit and interpret a logistic regression model

STAT 224 - Applied SAS Programming

Course Information

Teaching Area (new)
STAT

Course Number
224

Teaching Area
STAT

Course Title
Applied SAS Programming

Course Description
Advanced SAS programming skills, advanced DATA step programming, ODS, simple MACRO programs, Proc SQL, Proc REPORT, communicate with other packages and programs.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
1.5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 124 - SAS Base Programming Skills

Recommended
Concurrent enrollment in Stat 123

Learning Outcomes

Title
Advanced DATA step programming

Tags
205740, 1

Learning Outcome
Solve complex problems using advanced DATA step programming statements

Title
SAS MACRO facility

Tags
205741, 2

Learning Outcome
Create and use SAS MACRO facility

Title
SAS SQL

Tags
205742, 3

Learning Outcome
Write and interpret SAS SQL code

Title
Efficient SAS code

Tags
205743, 4

Learning Outcome
Understand how to write efficient SAS code

Title
Control external programs

Tags
205744, 5

Learning Outcome
Control external programs like R and Excel

STAT 230 - Statistical Modeling 1

Course Information

Teaching Area (new)
STAT

Course Number
230

Teaching Area
STAT

Course Title
Statistical Modeling 1

Course Description
Foundations of applied statistics. Topics include study design, inference for means and proportions, chi-square tests, regression, and ANOVA. Emphasizes data cleaning, visualization, modeling, and interpreting results responsibly in real-world contexts.

Department
Statistics

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists

Recommended

It is strongly suggested that STAT 130 be taken concurrently with or before STAT 230.

Learning Outcomes

Title
Statistical Reasoning

Learning Outcome
Apply statistical reasoning to analyze quantitative and categorical data, including inference for means, proportions, regression, and analysis of variance.

Title
Coding Practices

Learning Outcome
Use statistical coding languages to clean, manipulate, visualize, and model real-world data, demonstrating reproducible and ethical practices.

Title
Assumptions

Learning Outcome
Evaluate and communicate assumptions underlying statistical procedures.

Title
Study Design

Learning Outcome
Design and critique studies with attention to bias, randomization, and valid inference, recognizing the role of statistics in responsible decision-making.

Title
Communication

Learning Outcome
Interpret and communicate results clearly in both technical and non-technical terms, connecting numerical outcomes to meaningful real-world questions.

STAT 234 - Methods of Survey Sampling

Course Information

Teaching Area (new)
STAT

Course Number
234

Teaching Area
STAT

Course Title
Methods of Survey Sampling

Course Description
Sampling frames; questionnaire design; simple random, systematic, stratified, and cluster sampling methods; comparing domain means; contingency table analysis.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Basic Designs

Tags
205538, 2

Learning Outcome
Accurately identify and perform variance calculations for basic designs

Title
Sampling

Tags
205549, 1

Learning Outcome
Identify and sample using simple random sampling and various forms of stratified sampling, cluster sampling, and systematic sampling

Title
Graphical Representations

Tags
205561, 4

Learning Outcome
Create graphical representations of results

Title
Real Project

Tags
205577, 3

Learning Outcome
Participate in a real project involving sampling methodologies and appropriate point estimate and variance calculations

Title
Written and Oral Communication

Tags
205656, 5

Learning Outcome
Demonstrate effective written and oral communication skills as they present their findings

STAT 240 - Probability and Inference 1

Course Information

Teaching Area (new)
STAT

Course Number
240

Teaching Area
STAT

Course Title
Probability and Inference 1

Course Description
Discrete sample spaces; conditional probability; random variables; mathematical expectation; moment generating functions; joint distributions; correlation; simulation.

Department
Statistics

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Fulfill ANY of the following requirements:

Prerequisite

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis **AND** MATH 112 - Calculus 1

OR

Prerequisite

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists **AND** MATH 112 - Calculus 1

Recommended
It is strongly suggested that STAT 130 be taken concurrently with or before STAT 240.

Learning Outcomes

Title
Sample Spaces

Tags
214628, 0, 9

Learning Outcome
Apply fundamentals of set theory, set operations, and counting to specify/enumerate events in a discrete sample space.

Title
Probability

Tags
214629, 0, 10

Learning Outcome
Use the axioms of probability, conditional probability, independence, and Bayes' theorem in probabilistic calculations.

Title
Discrete Random Variables

Tags
214630, 0, 11

Learning Outcome
Use probability mass functions for discrete random variables and transformations of discrete random variables.

Title
Continuous Random Variables

Tags
214631, 0, 12

Learning Outcome
Use probability density and cumulative distribution functions to compute probabilities for continuous random variables.

Title
Expectation and Moments

Tags
214632, 0, 13

Learning Outcome
Find and interpret expectations of random variables and functions of random variables; use moment generating functions.

Title
Named Distributions

Tags
214633, 0, 14

Learning Outcome
Understand the assumptions and properties of named distributions: binomial, Poisson, uniform, exponential, normal, and gamma.

Title
Joint Distributions

Tags
214634, 0, 15

Learning Outcome
Find probabilities and expectations for joint, marginal, and conditional distributions.

Title
Correlation

Tags
214635, 0, 16

Learning Outcome
Calculate expectation of linear combinations, covariance, and correlation.

Title
Probabilistic Thinking

Tags
214636, 0, 17

Learning Outcome
Apply tools of probability to quantitatively frame and solve problems involving uncertain outcomes.

Title
Simulation

Tags
214637, 0, 18

Learning Outcome
Verify probabilistic calculations via simulation.

STAT 250 - Applied R Programming

Course Information

Teaching Area (new)
STAT

Course Number
250

Teaching Area
STAT

Course Title
Applied R Programming

Course Description
R programming skills; data cleaning and wrangling in R; introductory statistical analysis and graphics; simulation of introductory statistical concepts.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
R Coding Proficiency

Tags
213026, 0, 1

Learning Outcome
Understand the fundamental concepts of R programming, including variable assignment, arithmetic operations, and logical expressions, using RStudio as the integrated development environment (IDE).

Title
User-Defined Functions and Control Structures

Tags
213027, 0, 2

Learning Outcome
Utilize user-defined functions and control structures, including loops and conditionals, to solve programming problems and enhance code modularity.

Title
Handling and Processing Data Structures

Tags
213028, 0, 3

Learning Outcome
Effectively handle and process data structures, including numbers, strings, regular expressions, factors, dates & times, missing values, and Base R objects (vectors, matrices, lists, and data frames).

Title
Simulation of introductory statistical concepts

Tags
213030, 0, 5

Learning Outcome
Utilize simulation to illustrate and comprehend fundamental statistical concepts.

Title
Integration of R Code and Markdown with Quarto

Tags
213031, 0, 6

Learning Outcome
Utilize Quarto to integrate R code and Markdown, creating professional reports with dynamic and reproducible content.

Title
Code Documentation and Reproducibility

Tags
213032, 0, 7

Learning Outcome
Understand the importance of code documentation, including comments and naming conventions, to enhance code readability and reproducibility.

Title
Independent Troubleshooting and Skill Enhancement -

Tags
213033, 0, 8

Learning Outcome
Demonstrate the ability to independently troubleshoot code errors and expand programming skills through help documentation and online resources.

Title
Data Wrangling and Visualization

Tags
213029, 0, 4

Learning Outcome
Import, tidy, transform, and visualize data from diverse sources, including delimited text files, Excel spreadsheets, and HTML tables (web scraping).

STAT 251 - Introduction to Bayesian Statistics

Course Information

Teaching Area (new)
STAT

Course Number
251

Teaching Area
STAT

Course Title
Introduction to Bayesian Statistics

Course Description
The scientific method; conditional probability; Bayes' Theorem; conjugate distributions: Beta-binomial, Poisson-gamma, normal-normal; Gibbs sampling.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND STAT 240 - Probability and Inference 1
  AND STAT 250 - Applied R Programming

Learning Outcomes

Title
Code in R

Tags
205521, 4

Learning Outcome
Code in R a Gibbs sampler and/or Metropolis sampler for a simple non-conjugate posterior distributions

Title
Bayesian Analysis

Tags
205562, 5

Learning Outcome
Interpret and explain the results of Bayesian analysis

Title
Conjugate Priors, Binomial, and Poisson Distributions

Tags
205667, 2

Learning Outcome
Identify the conjugate priors of the normal (mean and variance), binomial, and Poisson distributions and derive the respective posterior distributions

Title
Gibbs and Metropolis Samplers

Tags
205674, 3

Learning Outcome
Explain why Gibbs and Metropolis samplers work and when they are appropriate to use

Title
Bayes' Theorem

Tags
205697, 1

Learning Outcome
Explain how conditional probability and Bayes' Theorem relate to the analysis of data via the Bayesian paradigm

STAT 274 - Theory of Interest

Course Information

Teaching Area (new)
STAT

Course Number
274

Teaching Area
STAT

Course Title
Theory of Interest

Course Description
Theory of interest, annuities, amortization, financial derivatives. Prepares for SOA Exam FM.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 112 - Calculus 1

Learning Outcomes

Title
Time Value of Money

Tags
205720, 2

Learning Outcome
Recognize, understand, and compute problems relating to time value of money, including simple and compound interest, present and future value, and nominal and effective rates of interest

Title
Annuities

Tags
205636, 0, 3

Learning Outcome
Recognize, understand, and compute problems relating to annuities with payments that are not contingent, including annuities-immediate, annuities-due, perpetuity, and arithmetically or geometrically increasing payments.

Title
Loans

Tags
205684, 0, 4

Learning Outcome
Recognize, understand, and compute problems relating to loans, including principal, interest, term of loan, outstanding balance, final payment, and amortization.

Title
Bonds

Tags
205558, 0, 5

Learning Outcome
Recognize, understand, and compute problems relating to bonds, including price, redemption value, par value, coupon and coupon rate, yield rate, callable and non-callable, and accumulation of discount and premium.

Title
General Cash Flow

Tags
205716, 0, 6

Learning Outcome
Recognize, understand, and compute problems relating to general cash flows and portfolios, including yield rate and rate of return, current value, convexity, yield curve, and dividend.

Title
Immunization

Tags
205640, 0, 7

Learning Outcome
Recognize, understand, and compute problems relating to immunization, including cash flow matching, full immunization, and Redington immunization.

STAT 281 - Data Visualization

Course Information

Course Number
281

Teaching Area
STAT

Course Title
Data Visualization

Course Description
Fundamental principles of data visualization; chart types and when to use them; design of clear and meaningful visualizations from complex data; reproducible creation of static and interactive visualizations; development of portfolio of charts and graphs; use of appropriate visualization tools; communication of insights, observations, and results.

Department
Statistics

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Untitled Requirement

Type
Completion Requirement

Complete ANY of the following Courses:
- STAT 121 - Introduction to Statistical Data Analysis
- STAT 201 - Statistics for Engineers and Scientists

Learning Outcomes

Title
Exploratory Data Analysis

Tags
214457, 0, 1, 2023-08-29 12:40:00

Learning Outcome
Explore data visually to uncover patterns and spark insights.

Title
Critique

Tags
214458, 0, 2, 2023-08-29 12:40:02

Learning Outcome
Evaluate visualizations for clarity, fidelity, and bias, offering constructive feedback with grace and kindness.

Title
Design

Tags
214459, 0, 3, 2023-08-29 12:40:06

Learning Outcome
Select visualization forms with discernment, ensuring each choice serves the data, the audience, and the intended purpose.

Title
Create

Tags
214460, 0, 4, 2023-08-29 12:40:08

Learning Outcome
Build static and interactive visualizations that help others understand and act on information.

Title
Refine

Tags
214461, 0, 5, 2023-08-29 12:40:12

Learning Outcome
Iterate to enhance accuracy, accessibility, and usefulness.

Title
Communication

Tags
214462, 0, 6, 2023-08-29 12:40:13

Learning Outcome
Tell compelling, truthful data stories that enlighten decisions in communities and organizations.

Title
Authentic

Tags
214463, 0, 7, 2023-08-29 12:40:16

Learning Outcome
Use authentic data sources, including large and complex datasets.

Title
Portfolio

Tags
214464, 0, 8, 2023-08-29 12:40:18

Learning Outcome
Assemble a portfolio that displays readiness to serve diverse audiences.

Title
Ethics

Tags
214465, 0, 9, 2023-08-29 12:40:19

Learning Outcome
Present data with integrity and transparency---applying ethical standards that faithfully steward truth.

Title
Collaborative Problem Solving

Learning Outcome
Solve problems in teams by listening well, giving and receiving help, and practicing mutual respect and accountability.

STAT 286 - Data Science Ecosystems

Course Information

Teaching Area (new)
STAT

Course Number
286

Teaching Area
STAT

Course Title
Data Science Ecosystems

Course Description
Introduction to Linux and accompanying tools. Overview of containers, microservices, and database management systems. Introduction to local networks and cloud environments. Integration of multiple programming languages and environments to perform analysis and reporting.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 230 - Statistical Modeling 1

Learning Outcomes

Title
Career Success

Learning Outcome
Explore data science applications, develop job search strategies, and plan for long-term career growth.

Title
Data Science Tools

Learning Outcome
Use essential tools and frameworks, including version control, programming languages, databases, and containerization, while developing strategies to adapt to new technologies.

Title
Communication

Learning Outcome
Process data, create professional reports, build interactive dashboards, and deliver effective presentations using data science methodologies.

Title
Database Management

Learning Outcome
Efficiently store, retrieve, and analyze data from common database structures with SQL.

Title
Computing Environments and Cloud Integration

Learning Outcome
Navigate local, remote, and cloud-based computing environments, assessing their advantages, limitations, and best use cases.

Title
Ethical Data Practices

Learning Outcome
Apply ethical principles in data collection, analysis, and dissemination to ensure responsible and fair data use.

STAT 330 - Statistical Modeling 2

Course Information

Teaching Area (new)
STAT

Course Number
330

Teaching Area
STAT

Course Title
Statistical Modeling 2

Course Description
Intermediate regression and inference with R. Topics include matrix notation, diagnostics, interactions, nonlinear predictors, logistic regression, model selection, and validation. Focus on balancing interpretability and predictive performance in applied data analysis.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 230 - Statistical Modeling 1
  AND MATH 112 - Calculus 1

Learning Outcomes

Title
Regression Modeling

Learning Outcome
Apply multiple regression models using matrix notation to describe and analyze relationships among variables, reinforcing both predictive and inferential reasoning.

Title
Model Evaluation

Learning Outcome
Assess model adequacy through diagnostics, residual analysis, and validation techniques, demonstrating critical thinking in evaluating statistical evidence.

Title
Complex Predictors

Learning Outcome
Incorporate interactions and nonlinear predictors into regression models and interpret their effects in context.

Title
Model Selection

Learning Outcome
Compare and select models using criteria such as AIC, BIC, adjusted R^2, and cross-validation, with attention to the tradeoff between interpretability and predictive performance.

Title
Logistic Regression

Learning Outcome
Apply logistic regression for binary outcomes, interpreting coefficients, odds ratios, and classification metrics, and connecting results to real-world questions.

Title
Communication

Learning Outcome
Communicate statistical findings clearly to both technical and non-technical audiences, reflecting honesty, clarity, and responsibility in the use of statistical evidence.

STAT 340 - Probability and Inference 2

Course Information

Teaching Area (new)
STAT

Course Number
340

Teaching Area
STAT

Course Title
Probability and Inference 2

Course Description
Transformations of random variables; sampling distributions; Central Limit Theorem; frequentist inference (estimation, intervals, hypothesis tests); Bayesian inference (estimation, intervals); simulation.

Department
Statistics

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 113 - Calculus 2
  AND STAT 240 - Probability and Inference 1

Recommended
Stat 123 and Stat 124

Learning Outcomes

Title
Transformations

Tags
205854, 0, 1

Learning Outcome
Determine the distribution of transformations of random variables (including χ^2, t, and F) to make the lineage of familiar tools explicit and to practice extending what we know to new problems.

Title
Sampling Distributions

Tags
205855, 0, 2

Learning Outcome
Explore the sampling distributions for sample means and totals from common families.

Title
Convergence

Tags
205856, 0, 3

Learning Outcome
Apply convergence in probability and distribution to prove the Law of Large Numbers and participate in proving the Central Limit Theorems for means and proportions, building confidence with abstraction.

Title
Sufficiency

Tags
205857, 0, 4

Learning Outcome
Find sufficient statistics in one-parameter models using the factorization theorem in order to justify responsible data reduction.

Title
Point Estimation

Tags
205858, 0, 5

Learning Outcome
Derive method-of-moments, maximum-likelihood, and Bayesian estimators to show that familiar estimators rest on principled foundations.

Title
Interval Estimation

Tags
205859, 0, 6

Learning Outcome
Construct confidence intervals via pivots and Bayesian credible intervals to communicate uncertainty honestly so stakeholders can make informed decisions.

Title
Hypothesis Testing

Tags
205860, 0, 7

Learning Outcome
Apply the Neyman–Pearson lemma to find most-powerful tests for problems involving simple hypotheses.

Title
Evaluation

Tags
205861, 0, 8

Learning Outcome
Assess estimators by bias, variance, and MSE; practice acknowledging trade-offs.

Title
Simulation

Tags
205862, 0, 9

Learning Outcome
Examine sampling distributions and evaluate estimators using simulation to make uncertainty visible, sharpen intuition, and introduce another way to approach problem solving.

Title
Critical Thinking

Tags
214639, 0, 10

Learning Outcome
Strengthen problem-solving and reasoning, building confidence to tackle unfamiliar problems and act responsibly under uncertainty.

Title
Collaborative Problem Solving

Learning Outcome
Solve problems in teams by listening well, giving and receiving help, and practicing mutual respect and accountability.

Title
Ethical Gen-AI Stewardship

Learning Outcome
Engage generative-AI tools as study partners by crafting purposeful prompts, verifying and citing AI contributions, and discerning when to rely on human reasoning---recognizing that AI is neither divine nor human and cannot love, covenant, or receive revelation.

STAT 344 - Foundations of Long-term Actuarial Mathematics

Course Information

Teaching Area (new)
STAT

Course Number
344

Teaching Area
STAT

Course Title
Foundations of Long-term Actuarial Mathematics

Course Description
Foundational methods and models for long term risks such as life insurance and pension plans. Mortality models (life table methods and survival models) and implementation including estimation of expected values. Partial coverage for SOA Exam FAM.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 240 - Probability and Inference 1
  AND STAT 274 - Theory of Interest

STAT 346 - Foundations of Short-term Actuarial Mathematics

Course Information

Teaching Area (new)
STAT

Course Number
346

Teaching Area
STAT

Course Title
Foundations of Short-term Actuarial Mathematics

Course Description
Foundational methods and models for short term risks such as auto insurance and health insurance. Probability models for claim frequency and claim severity with extensions to construct compound distributions. Bayesian credibility updating. Partial coverage for SOA Exam FAM.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 274 - Theory of Interest
  AND STAT 340 - Probability and Inference 2

STAT 372 - Actuarial Problems

Course Information

Teaching Area (new)
STAT

Course Number
372

Teaching Area
STAT

Course Title
Actuarial Problems

Course Description
Applying mathematical statistics in actuarial science. Prepares for SOA Exam P.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
Concurrent enrollment in Stat 340

Learning Outcomes

Title
Solving Problems

Tags
205533, 2

Learning Outcome
Students will, upon course completion, be more adept at solving problems related to material covered in Statistics 370

Title
Exam P

Tags
205618, 1

Learning Outcome
The primary learning outcome of this course is to provide additional Exam P preparation for students who have completed Statistics 370

STAT 381 - Statistical Modeling in Cloud Computing Environments

Course Information

Teaching Area (new)
STAT

Course Number
381

Teaching Area
STAT

Course Title
Statistical Modeling in Cloud Computing Environments

Course Description
Deploy, monitor, and maintain statistical and machine learning models in cloud computing environments through labs and projects; covers fundamentals, security, continuous integration/continuous development, monitoring, infrastructure as code, and deployment. Prepares students for the AWS Cloud Computing Certification and the AWS Machine Learning Associate Certification.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ANY of the following Courses:

- STAT 220 - Statistical Modeling for Data Science
  OR STAT 330 - Statistical Modeling 2

Learning Outcomes

Title
Problem Identification and Scoping

Tags
205756, 1

Learning Outcome
Students will define a real-world deployment problem; specify desired outcomes, data needs, constraints (privacy, regulation, cost), and clear success criteria.

Title
Solution Design and Selection

Tags
205757, 2

Learning Outcome
Students will compare cloud architectures and services then select an approach that integrates security, responsible data practice, bias mitigation, continuous integration and continuous delivery (CI/CD), and infrastructure described as code (IaC).

Title
Secure Infrastructure Provisioning

Tags
205758, 3

Learning Outcome
Students will create reproducible, compliant cloud environments; organizing user identities, roles, and permissions; configuring networks and protecting data.

Title
Model Building and Deployment

Tags
205759, 4

Learning Outcome
Students will prepare, package, and version data and code; train and serve machine learning models using managed cloud services; and publish application programming interfaces for responsible access.

Title
Verification and Governance

Tags
205760, 5

Learning Outcome
Students will design automated tests, reviews, and approvals in the delivery pipeline; and maintain transparent records of datasets, code, parameters, and results to support reproducibility and accountability.

Title
Monitoring and Operations

Tags
205761, 6

Learning Outcome
Students will implement systems with meaningful measurements and logs; set reliability and performance targets; detect changes over time; investigate incidents; and adjust models to improve accuracy.

Title
Evaluation, Communication, and Iteration

Tags
205762, 7

Learning Outcome
Students will evaluate outcomes against defined goals; communicate assumptions, methods, risks, and ethical implications to stakeholders; choose next steps (such as retraining, redeploying, or improving infrastructure); and document mitigations.

STAT 386 - Data Science Process

Course Information

Teaching Area (new)
STAT

Course Number
386

Teaching Area
STAT

Course Title
Data Science Process

Course Description
Principles of data science; web scraping; data wrangling; exploratory data analysis; data visualization; ethics; version control; data communication.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- C S 111 - Introduction to Computer Science
  AND STAT 121 - Introduction to Statistical Data Analysis

Learning Outcomes

Title
Problem Definition and Data Acquisition

Learning Outcome
Formulate data-driven questions, define objectives, and collect relevant data sources.

Title
Data Wrangling and Cleaning

Learning Outcome
Prepare and clean messy datasets for exploratory analysis, modeling, and visualization.

Title
Exploratory Data Analysis and Feature Engineering

Learning Outcome
Analyze data to identify patterns, detect anomalies, and engineer meaningful features for modeling.

Title
Programming for Data Science

Learning Outcome
Use programming tools to manipulate, analyze, and visualize data efficiently.

Title
Ethics in Data Science

Learning Outcome
Analyze and debate ethical and legal issues, including privacy, data sharing, and algorithmic decision-making.

Title
Version Control and Reproducibility

Learning Outcome
Use version control and best practices to ensure reproducible and well-documented workflows.

Title
Communication and Stakeholder Engagement

Learning Outcome
Communicate findings effectively to both technical and non-technical audiences through reports, presentations, visualizations and/or documentation.

STAT 390 - Data Science Ethics

Course Information

Course Number
390

Teaching Area
STAT

Course Title
Data Science Ethics

Course Description
Ethical reasoning in data science, navigating complex challenges as disciples in the discipline, integrating fairness, integrity, and respect for individuals across the data science pipeline, making positive impact within statistical, actuarial, and data science communities.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- STAT 330 - Statistical Modeling 2

Recommended
Stat 340 or concurrent enrollment.

Learning Outcomes

Title
Ethical Frameworks and Moral Reasoning

Learning Outcome
Students will be able to explain and apply foundational moral theories-including utilitarianism, deontology, virtue ethics, intuitionism, and the moral teachings of Jesus Christ-to ethical challenges in data science.

Title
Data Privacy and Ethical Data Collection

Learning Outcome
Students will recognize the importance of protecting personal data and understand ethical and legal principles related to responsible data collection, consent, ownership, and cultural context.

Title
Statistical Integrity and Transparency

Learning Outcome
Students will identify and address threats to statistical integrity-including opaque methods, unreproducible analyses, biased reporting, and misuses of statistical evidence-and apply principles of transparency and accountability across the lifecycle of statistical, machine learning, and AI models.

Title
Modeling and Algorithmic Impact

Learning Outcome
Students will evaluate the societal effects of statistical, machine learning, and AI models, including how bias, unfairness, or harm can emerge. They will propose ways to mitigate adverse impacts through critical reasoning, technical adjustments, and clear communication of limitations.

Title
Moral Courage and Professional Identity

Learning Outcome
Students will explore factors that lead to unethical behavior and develop strategies for acting with integrity-especially when facing pressure, incentives, or rationalizations that encourage cutting ethical corners. They will reflect on how personal, professional, and spiritual values can guide ethical decision-making.

STAT 395R - Special Topics in Applied Statistics

Course Information

Teaching Area (new)
STAT

Course Number
395R

Teaching Area
STAT

Course Title
Special Topics in Applied Statistics

Course Description
Offerings on current applied topics of interest in applied statistics, data science, and actuarial science.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
3

STAT 430 - Statistical Modeling 3

Course Information

Course Number
430

Teaching Area
STAT

Course Title
Statistical Modeling 3

Course Description
Advanced statistical modeling with R. Topics include linear algebra foundations, simulation, mixed models, penalized regression, generalized linear models, and tree-based methods. Emphasizes theoretical understanding, computational practice, and application to complex real-world data.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2
  AND MATH 213 - Elementary Linear Algebra

Learning Outcomes

Title
Theoretical Foundations

Learning Outcome
Explain how linear algebra underpins regression, including the formulation of normal equations, projections, and properties of estimators.

Title
Simulation

Learning Outcome
Use simulation and Monte Carlo methods to investigate the sampling distributions of regression estimators and test statistics.

Title
Mixed Models

Learning Outcome
Fit and interpret random effects and mixed models, distinguishing between fixed and random effects and their roles in hierarchical data structures.

Title
Penalized Regression

Learning Outcome
Apply and compare penalized regression techniques such as ridge, LASSO, and elastic net, explaining how they address issues of multicollinearity, high-dimensionality, and variable selection.

Title
GLMs

Learning Outcome
Extend regression to the generalized linear model framework, including estimation, inference, and prediction with link functions.

Title
Modern Methods

Learning Outcome
Build and evaluate tree-based and ensemble methods (decision trees, bagging, random forests), comparing their predictive and interpretive strengths with traditional regression models.

Title
Communication

Learning Outcome
Communicate advanced statistical results clearly, connecting theoretical concepts to practical applications in complex data analysis.

STAT 435 - Nonparametric Statistical Methods

Course Information

Teaching Area (new)
STAT

Course Number
435

Teaching Area
STAT

Course Title
Nonparametric Statistical Methods

Course Description
Permutation tests, rank-based methods, analysis of contingency tables, bootstrap methods, curve fitting.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
Bootstrap Confidence Intervals

Tags
205505, 4

Learning Outcome
Formulate and compute bootstrap (resampling) confidence intervals

Title
Contingency Tables

Tags
205526, 3

Learning Outcome
Compute the following tests for contingency tables: Fisher's exact test, Mantel-Haenszel test, McNemar's test

Title
Examples of Trade-Off

Tags
205566, 0

Learning Outcome
Explain and provide examples of the trade-off between parametric assumptions and efficiency of statistical inference

Title
Parametric Assumptions and Statistical Inference

Tags
205571, 1

Learning Outcome
Explain and provide examples of the trade-off between parametric assumptions and efficiency of statistical inference

Title
Compute Rank-Based Methods

Tags
205596, 2

Learning Outcome
Compute the following rank-based methods: Wilcoxon Rank-Sum test, Mann-Whitney test, Signed-Rank test, Kruskal-Wallis test, Spearman Rank Correlation

Title
Generalized Additive Models

Tags
205627, 5

Learning Outcome
Compute generalized additive models (GAM) with splines or smoothers for possible nonlinear effects in R

Title
Permutation Tests

Tags
205665, 3

Learning Outcome
Formulate and compute permutation tests for 2-sample, K-sample, and contingency tables

Title
Rank-Based Methods

Tags
205735, 1

Learning Outcome
Compute the following rank-based methods: Wilcoxon Rank-Sum test, Mann-Whitney test, Signed-Rank test, Kruskal-Wallis test, and Spearman Rank Correlation

STAT 437 - Applications in Biostatistics

Course Information

Teaching Area (new)
STAT

Course Number
437

Teaching Area
STAT

Course Title
Applications in Biostatistics

Course Description
Module-based survey of biostatistics methods: observational studies, clinical trials, measures of association, Kaplan-Meier, proportional hazards models, logistic regression, ethical concerns in research with human subjects.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
study designs

Learning Outcome
demonstrate understanding of common study designs used in clinical and epidemiological research (cohort studies, case-control studies, cross-sectional studies, clinical trials);

Title
ethics

Learning Outcome
articulate potential ethical concerns for each type of design;

Title
measures of association

Learning Outcome
identify and compute appropriate measures of association for each type of design;

Title
censored data

Learning Outcome
describe types of censoring and the challenges presented in the analysis of censored data;

Title
Kaplan-Meier

Learning Outcome
estimate the survival function using the Kaplan-Meier method;

Title
proportional hazards

Learning Outcome
fit proportional hazards regression models;

Title
diagnostic tests

Learning Outcome
determine sensitivity, specificity, and positive and negative predictive values for diagnostic tests;

Title
logistic regression

Learning Outcome
apply logistic regression and conditional regression models to cohort and case-control studies;

Title
odds ratios

Learning Outcome
interpret odds ratios from logistic regression models;

Title
causal inference

Learning Outcome
understand the fundamentals of propensity score matching;

Title
communication

Learning Outcome
communicate and present results to answer research problems;

Title
project

Learning Outcome
present authentic data analysis with integrated paper and presentation.

STAT 444 - Advanced Long-term Actuarial Mathematics

Course Information

Teaching Area (new)
STAT

Course Number
444

Teaching Area
STAT

Course Title
Advanced Long-term Actuarial Mathematics

Course Description
Advanced modeling of long term contingent risks including the basics of survival analysis, multistate survival models, and multiple decrement survival models. Prepares for SOA Exam ALTAM.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 340 - Probability and Inference 2
  AND STAT 344 - Foundations of Long-term Actuarial Mathematics

STAT 446 - Advanced Short-term Actuarial Mathematics

Course Information

Teaching Area (new)
STAT

Course Number
446

Teaching Area
STAT

Course Title
Advanced Short-term Actuarial Mathematics

Course Description
Advanced modeling of short term contingent risks including the development and use of compound models such as the Poisson-Gamma probability models and their variants. Bayesian methods to construct posterior distributions of loss. Prepares for SOA Exam ASTAM.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 346 - Foundations of Short-term Actuarial Mathematics

STAT 448 - Predictive Analytics

Course Information

Teaching Area (new)
STAT

Course Number
448

Teaching Area
STAT

Course Title
Predictive Analytics

Course Description
Introduction to the predictive analytic workflow including pre-processing data, feature engineering, model building and analysis. Models covered include regression, logistic regression, trees, random forests, penalized regression, K-nearest neighbors, support vector machines, multi-layer perceptrons and time series models. While not-exclusively for actuaries, this class will help actuarial science students prepare for Exam SRM and CAS's Exam MAS-I.

Department
Statistics

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 240 - Probability and Inference 1
  AND STAT 330 - Statistical Modeling 2
  AND STAT 250 - Applied R Programming

Learning Outcomes

Title
Basics of Statistical Learning

Tags
214466, 0, 1, 2023-08-29 12:40:24

Learning Outcome
Perform exploratory analysis and understand how to choose what type of model to use for particular characteristics of the data and the context of a specific business problem

Title
Generalized Linear Models

Tags
214467, 0, 2, 2023-08-29 12:40:26

Learning Outcome
Understand generalized linear models and how to select distributions and link functions. Estimate parameters, perform diagnostic tests, interpret model output, and perform prediction

Title
Time Series Models

Tags
214468, 0, 3, 2023-08-29 12:40:29

Learning Outcome
Understand basic concepts of stochastic processes. Describe and use common time series models.

Title
Decision Trees

Tags
214469, 0, 4, 2023-08-29 12:40:30

Learning Outcome
Explain, interpret, and use regression trees for regression and classification

Title
Principal Component Analysis

Tags
214470, 0, 5, 2023-08-29 12:40:31

Learning Outcome
Calculate and interpret principal components for a data set

Title
Cluster Analysis

Tags
214471, 0, 6, 2023-08-29 12:40:35

Learning Outcome
Cluster observations using K-means and hierarchical clustering

STAT 451 - Applied Bayesian Statistics

Course Information

Teaching Area (new)
STAT

Course Number
451

Teaching Area
STAT

Course Title
Applied Bayesian Statistics

Course Description
Bayesian analogs of t-tests, regression, ANOVA, ANCOVA, logistic regression, and Poisson regression implemented using Nimble, Stan, JAGS and Proc MCMC.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 251 - Introduction to Bayesian Statistics
  AND STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
Write code in R

Tags
205621, 1

Learning Outcome
Students will be able to generate their own analysis of Bayesian models in R.

Title
Understand, Explain, and Demonstrate

Tags
205685, 2

Learning Outcome
Students will be able to understand, explain and demonstrate basic Bayesian theory and its usefulness in real-world applications.

Title
Fit and Interpret Bayesian Model

Tags
205719, 0

Learning Outcome
Students will be able to apply, implement and interpret a fully Bayesian approach to relevant statistical problems, including design, model selection, model fit steps.

STAT 466 - Bayesian Reliability

Course Information

Teaching Area (new)
STAT

Course Number
466

Teaching Area
STAT

Course Title
Bayesian Reliability

Course Description
Mathematics, distributions, management, and maintenance of basic reliability concepts; collection and analysis of test data; fault tree analysis; applying reliability in various areas.

Department
Statistics

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2
  AND STAT 251 - Introduction to Bayesian Statistics

Learning Outcomes

Title
Reliability Concepts

Tags
205598, 6

Learning Outcome
a - Become familiar with basic reliability concepts and terminology b - Discuss the challenges of modeling censored data

Title
Reliability Data

Tags
205686, 0, 1, 2021-02-05 14:28:13

Learning Outcome
a - Know the attributes of and the situations in which the four main types of reliability data (pass/fail data, failure count data, lifetime data and degradation data) arise b - Be able to identify different types of reliability data

Title
Statistical Modeling of Reliability Data

Tags
205702, 0, 2, 2021-02-05 14:28:13

Learning Outcome
a - Know the basic models for each type of reliability data b - Know how to construct likelihoods for reliability data c - Be able to construct likelihoods for censored lifetime data and explain the rationale

Title
Bayesian Modeling

Tags
205493, 0, 3, 2021-02-05 14:28:13

Learning Outcome
a - Know the different types of prior distributions b - Recognize and identify the influence of prior distributions in an analysis c - Use Bayesian modeling for inference and prediction from reliability data d - Know how to sample from a variety of posterior distributions e - Model censored lifetime data with standard parametric distributions

Title
Advanced concepts

Tags
205653, 0, 7, 2021-02-05 14:28:13

Learning Outcome
Advanced concepts may include: a - Be able to incorporate covariates into reliability models and interpret the results b - Analyze data from accelerated life tests c - Understand and apply the basic concepts of system reliability d - Understand the basic terms and concepts of reliability from a repairable systems context e - Understand the concepts of producer's risk and consumer's risk in assurance testing

STAT 469 - Analysis of Correlated Data

Course Information

Teaching Area (new)
STAT

Course Number
469

Teaching Area
STAT

Course Title
Analysis of Correlated Data

Course Description
IID regression, heterogenous variances, SARIMA models, longitudinal data, point and areally referenced spatial data.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
Define Functions

Tags
205524, 1

Learning Outcome
Define the autocovariance and autocorrelation functions

Title
Order of an ARIMA

Tags
205544, 6

Learning Outcome
Select the order of an ARIMA model from the sample ACF and sample PACF

Title
Define Weak Stationarity

Tags
205578, 2

Learning Outcome
Define weak stationarity

Title
ARMA

Tags
205601, 5

Learning Outcome
Define an ARMA (p, q) process

Title
Define Process

Tags
205641, 3

Learning Outcome
Define white noise process

Title
Fit an ARIMA

Tags
205672, 7

Learning Outcome
Fit an ARIMA (p, d, q) model and generate forecasts with prediction intervals in R

Title
AR and MA Model

Tags
205734, 4

Learning Outcome
Derive the mean, autocovariance, and autocorrelation of an AR and MA model

STAT 482 - Data Science Capstone 1

Course Information

Teaching Area (new)
STAT

Course Number
482

Teaching Area
STAT

Course Title
Data Science Capstone 1

Course Description
Principles of data mining; regression, classification, and clustering in data science; Group capstone project.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 286 - Data Science Ecosystems
  AND STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Other Prerequisites

Note
Stat 482 and Stat 483 are part of a year long sequence. Students enrolling in Stat 482 must also plan to take Stat 483 the following semester.

STAT 483 - Data Science Capstone 2

Course Information

Teaching Area (new)
STAT

Course Number
483

Teaching Area
STAT

Course Title
Data Science Capstone 2

Course Description
Data streaming and continuation of second half of capstone group project.\n

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- STAT 482 - Data Science Capstone 1

STAT 486 - Machine Learning

Course Information

Teaching Area (new)
STAT

Course Number
486

Teaching Area
STAT

Course Title
Machine Learning

Course Description
Supervised and unsupervised learning; model evaluation; recommendation systems; natural language process and unstructured data; deep learning.\n

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2
  AND STAT 386 - Data Science Process

Learning Outcomes

Title
Machine learning categories

Learning Outcome
Differentiate between categories of machine learning problems

Title
Using data

Learning Outcome
Use data to answer interesting and complex research questions

Title
Understanding pitfalls

Learning Outcome
Understand common machine learning pitfalls and demonstrate how to avoid or correct for them

Title
ML algorithms

Learning Outcome
Implement and interpret machine learning algorithms in common data science software

Title
Identify ML for various data types

Learning Outcome
Identify the machine learning algorithm(s) that is(are) most relevant for various data types and research questions

Title
Communication

Learning Outcome
Communicate machine learning algorithms and results in a variety of context, including informal and formal reports and presentations

STAT 487 - Deep Learning

Course Information

Course Number
487

Teaching Area
STAT

Course Title
Deep Learning

Course Description
Examination of deep learning models with an emphasis on statistical principles such as model selection, model interpretability, tuning, and generating prediction uncertainty. Deep learning methods, explainable AI, backpropagation, transfer learning, and training methods. Analyses on real-world applications such as natural language, audio, and image processing.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2
  AND STAT 386 - Data Science Process

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2
  AND C S 270 - Introduction to Machine Learning

Learning Outcomes

Title
Deep learning methods

Learning Outcome
Students will be able to select the appropriate deep learning method to use for various types of data and learning (e.g., supervised vs. unsupervised) needs.

Title
Software implementation of deep learning

Learning Outcome
Students will be able to implement using standard software the following deep neural networks, using simple neural networks as well making use of more complex pre-trained neural networks: convolution neural networks (CNN), recurrent neural networks (RNN), and transformers.

Title
AI methods

Learning Outcome
Students will be able to use explainable AI methods to provide intuition about model behavior and to obtain insights about the data.

Title
Natural language processing

Learning Outcome
Students will understand the basics of natural language processing and how to effectively use deep learning models to parse, clean, understand, and predict language analyses.

Title
Signal processing

Learning Outcome
Students will be able to apply methods to various signal processing scenarios such as image processing, audio processing, and/or language processing.

Title
Fundamental of deep learning

Learning Outcome
Students will understand enough of the fundamental concepts and workings of various deep learning methods to make informed choices about model and parameter settings for specific applications.

Title
Uncertainty quantification for deep learning

Learning Outcome
Students will be able to understand the current state of uncertainty quantification techniques and research in deep learning.

STAT 495R - Special Topics in Statistics

Course Information

Teaching Area (new)
STAT

Course Number
495R

Teaching Area
STAT

Course Title
Special Topics in Statistics

Course Description
Offerings available from individual faculty on current topics of interest in statistics.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Stat 495R

Tags
205820, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Understanding of and Competence in Subject Matter

Tags
205821, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Historical Context or Modern Relevance

Tags
205822, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Proficiency in Specialized Quantitative Methods

Tags
205823, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

Title
Report or Presentation of Authentic Data

Tags
205824, 5

Learning Outcome
Prepare a report or presentation documenting an authentic data analysis using the tools of the special topics curriculum

STAT 496R - Academic Internship: Statistics

Course Information

Teaching Area (new)
STAT

Course Number
496R

Teaching Area
STAT

Course Title
Academic Internship: Statistics

Course Description
On-the-job experience or internships for undergraduates. Report is required.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
Department coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Work Ethic

Tags
205510, 2

Learning Outcome
Demonstrate good work ethics

Title
Appropriate Dress and Etiquette

Tags
205650, 1

Learning Outcome
Practice appropriate dress and etiquette in varied business settings

Title
Written and Oral Communication

Tags
205705, 3

Learning Outcome
Demonstrate effective written and oral communication skills as they report on their internship experience

STAT 497R - Introduction to Statistical Research

Course Information

Teaching Area (new)
STAT

Course Number
497R

Teaching Area
STAT

Course Title
Introduction to Statistical Research

Course Description
Review of current literature and survey of present status of significant statistical research; collaborative work between student and faculty.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
6

Other Prerequisites
Department chair's consent

Learning Outcomes

Title
Research Project

Tags
205593, 1

Learning Outcome
Contribute to the research project in terms of literature review, data analysis, and reporting of preliminary results

Title
Initiative

Tags
205619, 3

Learning Outcome
Show initiative in the conduct of research

Title
Work Ethic

Tags
205658, 2

Learning Outcome
Demonstrate good work ethics (punctuality to meetings, follow-up of action items, and so forth)

Title
STAT 497R

Tags
205739, 0

Learning Outcome
After completing a term of mentored research in an environment approaching that of graduate study, the student will be able to: 1. Contribute to the research project in terms of literature review, data analysis, and reporting of preliminary results, 2. Demonstrate good work ethics (punctuality to meetings, follow-up of action items, and so forth), and 3. Show initiative in the conduct of research.

STAT 500 - (Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math

Course Information

Teaching Area (new)
STAT

Course Number
500

Teaching Area
STAT

Course Title
(Stat-Chem-C S-Geol-Math-MthEd-Phscs) Business Career Essentials in Science and Math

Course Description
Introduction for science, math, and statistics majors to careers in industry. Project planning, oral and written business presentations, business accounting, and technology readiness.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

STAT 502 - Job Search Strategies

Course Information

Teaching Area (new)
STAT

Course Number
502

Teaching Area
STAT

Course Title
Job Search Strategies

Course Description
Course will assist graduating students in identifying and connecting to potential employers.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Connecting Coursework to Industry Scenarios

Learning Outcome
Students will discuss and understand examples of how their program coursework can apply to real-world employment scenarios.

Title
Job Opportunity Identification

Learning Outcome
Students will be able to identify and evaluate potential job opportunities and employers that align with their skills/training and career goals.

Title
Internship and Employment Strategy

Learning Outcome
Students will be able to devise and implement a plan for securing internships and/or employment after graduation.

Title
Exemplifying Professional Behavior

Learning Outcome
- Students will understand principles of professional behavior including: - Work habits such as punctuality, reliability, and responsibility. - Learning from mistakes and applying feedback to enhance performance. - Professionalism in verbal and written communication.

Title
Conducting Informational Interviews

Learning Outcome
Students will be able to effectively conduct informational interviews to gather industry insights and build professional networks.

STAT 511 - Statistical Methods for Research 1

Course Information

Teaching Area (new)
STAT

Course Number
511

Teaching Area
STAT

Course Title
Statistical Methods for Research 1

Course Description
Basic statistical methodologies and experimental design. Topics include simple analysis of variance, multiple regression, analysis of covariance, model selection.

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STAT 121 - Introduction to Statistical Data Analysis

OR

Prerequisites

Complete ALL of the following Courses:

- STAT 201 - Statistics for Engineers and Scientists

Other Prerequisites

or equivalent.

Note

Lab optional.

Learning Outcomes

Title
Randomization

Tags
205520, 1

Learning Outcome
Describe the role of randomization and replication in inferring causation

Title
Simple and Multiple Linear Regression

Tags
205543, 5

Learning Outcome
Fit both simple and multiple linear regression and interpret the results

Title
Assess Model Fit

Tags
205572, 6

Learning Outcome
Use residuals and influence diagnostics to assess model fit, agreement with regression assumptions, and identify outliers and influential observations

Title
Scientific Literature

Tags
205591, 7

Learning Outcome
Critically read scientific literature of their field involving parametric linear models with a continuous response

Title
ANOVA

Tags
205622, 4

Learning Outcome
Fit a one-way ANOVA and construct an interpret the ANOVA table in JMP (or other software)

Title
JMP

Tags
205666, 2

Learning Outcome
Use JMP (or other software) to read in data and compute numerical and graphical summaries of the data

Title
T-Test

Tags
205704, 3

Learning Outcome
Use a t-test (one-sample, paired, and two-sample) to perform inference on means and know what the assumptions for use are

STAT 512 - Statistical Methods for Research 2

Course Information

Teaching Area (new)
STAT

Course Number
512

Teaching Area
STAT

Course Title
Statistical Methods for Research 2

Course Description
Advanced statistical methodologies and experimental design. Topics include multi-way analysis of variance, mixed models analysis of variance, logistic regression, log-linear models, time series models, principal components, canonical correlation, common experimental designs.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 511 - Statistical Methods for Research 1

Note
Lab optional.

Learning Outcomes

Title
Two-Way ANOVA

Tags
205495, 1

Learning Outcome
Fit a two-way ANOVA and interpret the main effects and interaction

Title
Fixed and Random Effects

Tags
205511, 2

Learning Outcome
Explain the differences between fixed and random effects and interpret computer output from mixed model analyses

Title
Construct Designs

Tags
205512, 8

Learning Outcome
Construct a factorial design and a screening design

Title
Interpret and Calculate

Tags
205605, 5

Learning Outcome
Interpret and calculate odds, odds ratios, risk differences, and relative risks from 2x2 contingency tables and describe which measures are justified in prospective and retrospective studies

Title
Multivariate Data

Tags
205657, 4

Learning Outcome
Recognize multivariate data, and appropriately carry out principal components analysis and canoncial correlation analysis using statistical software

Title
Assess Associations

Tags
205688, 6

Learning Outcome
Use X^2 tests and Fisher's Exact tests to assess associations in 2x2 contingency tables

Title
Fit and Interpret

Tags
205715, 7

Learning Outcome
Fit and interpret simple generalized linear regression models (binary response data and count response data) and draw appropriate conclusions justified by the study design

Title
Evidence of Autocorrelation

Tags
205731, 3

Learning Outcome
Identify evidence of autocorrelation and fit an ar(1) model to analyze continuous time series data

STAT 530 - Applied Regression and Generalized Linear Models

Course Information

Course Number
530

Teaching Area
STAT

Course Title
Applied Regression and Generalized Linear Models

Course Description
This course introduces key tools for building and evaluating statistical models used in real-world data analysis. Students will learn how to apply and interpret linear and generalized linear models, assess model fit, and use modern techniques like regularization and flexible modeling. The course emphasizes practical data analysis, clear communication of results, and ethical statistical practice. It is designed to help students bridge the gap between applied work and statistical theory while building a broad foundation in modeling methods.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- STAT 330 - Statistical Modeling 2
- MATH 213 - Elementary Linear Algebra

Learning Outcomes

Title
Random Vectors and Multivariate Normal Distribution

Learning Outcome
Work with expectation and variance-covariance matrices of real-valued random vectors, and linear combinations thereof.

Title
Random Vectors and Multivariate Normal Distribution

Learning Outcome
Apply linear transformations to multivariate normal random vectors.

Title
Regression Foundations & Model Diagnostics

Learning Outcome
Use exploratory data analysis to identify unique attributes of a dataset that need to be considered for model selection and the research questions of interest.

Title
Regression Foundations & Model Diagnostics

Learning Outcome
Apply multiple regression and GLMs, assessing key assumptions and diagnosing model fit using residuals, confidence intervals, influence measures, and goodness-of-fit statistics.

Title
Regression Foundations & Model Diagnostics

Learning Outcome
Explain and apply the Gauss-Markov theorem, demonstrating why the OLS estimator is the BLUE under the classical linear regression assumptions.

Title
Design Matrices & Model Specification

Learning Outcome
Construct and interpret design matrices, encoding categorical predictors, interactions, and polynomial terms appropriately.

Title
Design Matrices & Model Specification

Learning Outcome
Analyze design matrices, considering identifiability, multicollinearity, and confounding.

Title
Design Matrices & Model Specification

Learning Outcome
Explain and justify GLM specifications, including link functions, likelihood-based inference, and distributional choices.

Title
Logistic and Multinomial Regression

Learning Outcome
Fit and interpret logistic regression models, calculating odds ratios and classification metrics, and diagnosing model fit.

Title
Logistic and Multinomial Regression

Learning Outcome
Extend logistic regression to binomial, ordinal, and multinomial responses, selecting appropriate modeling techniques.

Title
Logistic and Multinomial Regression

Learning Outcome
Make predictions and determine confidence intervals using the fitted model.

Title
Model Selection and Regularization

Learning Outcome
Select a loss function appropriate for a given data and model type (e.g., MSE, classification metrics, deviance).

Title
Model Selection and Regularization

Learning Outcome
Implement and interpret penalized regression techniques (ridge, lasso, elastic net).

Title
Model Selection and Regularization

Learning Outcome
Implement model selection techniques (e.g., AIC, BIC, cross-validation) while critically evaluating model complexity and interpretability.

Title
Model Selection and Regularization

Learning Outcome
Describe the effects of underfitting and overfitting on inferences and on predictions.

Title
Model Extensions & Advanced Topics

Learning Outcome
Construct flexible regression models using basis expansions, splines, and kernel methods.

Title
Model Extensions & Advanced Topics

Learning Outcome
Evaluate model performance using classification metrics and predictive validation techniques.

Title
Writing, Communication, and Interpretation

Learning Outcome
Communicate statistical results clearly in writing and presentations, tailoring explanations for different audiences.

Title
Writing, Communication, and Interpretation

Learning Outcome
Construct well-labeled visualizations and tables that effectively convey insights while avoiding misinterpretation.

Title
Professional Integrity and Accountability in Statistical Practice

Learning Outcome
Apply ethical statistical practices by ensuring methodological validity, reproducibility, and fair decision-making.

Title
Professional Integrity and Accountability in Statistical Practice

Learning Outcome
Demonstrate professional integrity by resisting biased interpretations, acknowledging contributions, and adhering to ethical guidelines.

STAT 531 - Experimental Design and Causal Inference

Course Information

Teaching Area (new)
STAT

Course Number
531

Teaching Area
STAT

Course Title
Experimental Design and Causal Inference

Course Description
This course equips students with the skills to design robust experiments and apply causal inference techniques to answer research questions. Topics include experimental and quasi-experimental designs, confounding, and bias. Emphasis is placed on practical applications using statistical software and effective communication of findings, blending classical design principles with modern causal inference methods.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- MATH 213 - Elementary Linear Algebra
  AND STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
Understand and Identify Sources of Confounding

Tags
205535, 3

Learning Outcome
Recognize sources of confounding and bias in observational data and the need for experimental design and causal inference methods.

Title
Data Collection

Tags
205588, 4

Learning Outcome
Develop and execute a robust plan for data collection to ensure high-quality data that aligns with the experimental objectives.

Title
Account for Experimental Factors

Tags
205633, 6

Learning Outcome
Account for experimental factors using tools such as randomization, blocking, interactions, and random effects.

Title
Exposure to Contemporary Design Methods

Tags
205678, 5

Learning Outcome
Explore contemporary approaches to experimental design, such as adaptive designs and high-dimensional factor screening.

Title
Design of Experiments Ethics

Tags
205695, 1

Learning Outcome
Ensure experimental designs are practical, cost-effective, and ethically sound, considering constraints such as time, budget, and ethical implications of data collection.

Title
Explain Causality

Tags
205698, 2

Learning Outcome
Explain foundational concepts of causality, including counterfactuals, the potential outcomes framework, and causal estimands of interest.

Title
Construct Causal Diagrams

Learning Outcome
Construct causal diagrams (i.e., Directed Acyclic Graphs, DAGs) to represent assumptions about causal relationships.

Title
Control for Confounding

Learning Outcome
Implement and know when to use various strategies to control for confounding, including matching, weighting, and regression adjustment.

Title
Implement and Interpret Quasi-experimental Methods

Learning Outcome
Implement and interpret methods such as instrumental variables, difference-in-differences, and regression discontinuity designs.

Title
Causal Inference Ethics

Learning Outcome
Discuss the ethical implications and challenges of causal analysis in various contexts.

STAT 537 - Mixed Model Methods

Course Information

Teaching Area (new)
STAT

Course Number
537

Teaching Area
STAT

Course Title
Mixed Model Methods

Course Description
Fixed effects, random effects, repeated measures, nonindependent data, general covariance structures, estimation methods.

Department
Statistics

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 535 - Linear Models (Inactive)

Learning Outcomes

Title
Explain Fixed vs Random Effects

Tags
205513, 2

Learning Outcome
Students will be able to explain the difference between fixed and random effects in the context of linear mixed models

Title
Apply Mixed Models

Tags
205557, 5

Learning Outcome
Students will be able to appropriately apply mixed models to deal with nonindependent data and a variety of covariance structures

Title
Evaluate Model Fit

Tags
205602, 4

Learning Outcome
Students will be able to evaluate the fit of the mixed model using Cholesky residuals

Title
Perform Analyses

Tags
205737, 3

Learning Outcome
Students will be able to perform and interpret frequentist analyses of mixed models using professional statistical software

Title
Perform Bayesian Analysis

Tags
205778, 6

Learning Outcome
Students will be able to perform and interpret full Bayesian analyses of mixed models using professional statistical software

Title
Seek Divine Help

Tags
205881, 1

Learning Outcome
Students will understand the importance of thoughtful prayer as they contemplate difficult concepts

STAT 538 - Survival Analysis

Course Information

Teaching Area (new)
STAT

Course Number
538

Teaching Area
STAT

Course Title
Survival Analysis

Course Description
Basic concepts of survival analysis; hazard functions; types of censoring; Kaplan-Meier estimates; Logrank tests; proportional hazard models; examples drawn from clinical and epidemiological literature.

Department
Statistics

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STAT 330 - Statistical Modeling 2
  AND STAT 340 - Probability and Inference 2

Learning Outcomes

Title
Effectively Communicate

Tags
205527, 7

Learning Outcome
Be able to effectively communicate the results of data analyses

Title
Formal Analysis in Different Settings

Tags
205556, 5

Learning Outcome
Conduct formal analysis in high-dimensional, low-sample size settings

Title
Formal Comparison

Tags
205569, 3

Learning Outcome
Conduct formal comparison of survival functions for two samples

Title
Estimation

Tags
205626, 2

Learning Outcome
Conduct estimation of the survival function for a single sample

Title
Theory of Survival Analysis Methods

Tags
205699, 1

Learning Outcome
Understand the basic underlying theory of survival analysis methods

Title
Assess Appropriateness

Tags
205709, 6

Learning Outcome
Be able to assess the appropriateness of the use of methods for a given data set (given the scientific questions of interest and given the data characteristics)

Title
Formal Analysis

Tags
205732, 4

Learning Outcome
Conduct formal analysis through incorporation of covariates

STAT 586 - Statistical and Machine Learning

Course Information

Course Number
586

Teaching Area
STAT

Course Title
Statistical and Machine Learning

Course Description
This course introduces foundational concepts and methods in statistical machine learning, with an emphasis on supervised and unsupervised learning, optimization, and model assessment. Topics include decision trees, ensemble methods, support vector machines, neural networks, clustering, and dimension reduction, along with interpretability and ethical considerations. Students will implement models using modern statistical software, develop reproducible workflows, and explore the theoretical principles guiding modern machine learning approaches.

Department
Statistics

When Taught
Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:

- STAT 530 - Applied Regression and Generalized Linear Models
  AND STAT 624 - Statistical Computation
  AND STAT 641 - Probability Theory and Mathematical Statistics 1

Learning Outcomes

Title
Foundations of Machine Learning and Statistical Perspectives

Learning Outcome
Define and compare statistical and machine learning models, emphasizing function space perspectives, bias-variance tradeoff, and generalization.

Title
Foundations of Machine Learning and Statistical Perspectives

Learning Outcome
Explain empirical risk minimization (ERM) and its role in supervised learning.

Title
Foundations of Machine Learning and Statistical Perspectives

Learning Outcome
Apply resampling techniques (e.g., cross-validation, bootstrap) to assess model performance.

Title
Optimization for Machine Learning

Learning Outcome
Understand and apply key optimization techniques relevant to ML, including gradient-based methods and convex optimization principles.

Title
Optimization for Machine Learning

Learning Outcome
Derive and implement optimization algorithms for common ML models (e.g., logistic regression, neural networks).

Title
Supervised Learning: Classification and Regression

Learning Outcome
Compare and implement key supervised learning methods, including decision trees, random forests, boosting, and support vector machines.

Title
Supervised Learning: Classification and Regression

Learning Outcome
Analyze the theoretical properties of different algorithms in terms of consistency, overfitting, and computational complexity.

Title
Neural Networks and Deep Learning

Learning Outcome
Develop and train neural networks, implementing backpropagation and gradient-based optimization.

Title
Neural Networks and Deep Learning

Learning Outcome
Understand key architectures (MLPs, CNNs, RNNs) and their applications.

Title
Neural Networks and Deep Learning

Learning Outcome
Implement models using deep learning libraries in Python (e.g., PyTorch or TensorFlow)

Title
Interpretable and Ethical AI

Learning Outcome
Explore basic model interpretability techniques such as SHAP values and partial dependence plots.

Title
Interpretable and Ethical AI

Learning Outcome
Discuss ethical concerns in ML, including bias mitigation strategies.

Title
Unsupervised Learning and Dimension Reduction

Learning Outcome
Implement clustering techniques (k-means, hierarchical clustering, DBSCAN) and evaluate their performance.

Title
Unsupervised Learning and Dimension Reduction

Learning Outcome
Formulate dimension reduction as an optimization problem, deriving PCA and understanding nonlinear methods such as t-SNE and UMAP.

Title
Model Selection and Performance Evaluation

Learning Outcome
Apply hyperparameter tuning techniques, including grid search, random search, and Bayesian optimization.

Title
Model Selection and Performance Evaluation

Learning Outcome
Use cross-validation and information criteria (e.g., AIC, BIC) to compare models.

Title
Software Implementation and Reproducibility

Learning Outcome
Implement machine learning models efficiently using R and Python.

Title
Software Implementation and Reproducibility

Learning Outcome
Develop and maintain reproducible ML pipelines for data processing, training, and evaluation.

STAT 590R - Statistical Consulting

Course Information

Teaching Area (new)
STAT

Course Number
590R

Teaching Area
STAT

Course Title
Statistical Consulting

Course Description
Introduction to statistical consulting, oral presentations, presentation packages, written reports. Extensive applied experience in the Center for Collaborative Research and Statistical Consulting.

Department
Statistics

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Learning Outcomes

Title
Oral and Written Presentations

Tags
205504, 4

Learning Outcome
Make oral and written presentations of statistical results to a non-statistician

Title
Elicit Information

Tags
205506, 2

Learning Outcome
Elicit the relevant information from a non-statistician in order to complete the correct statistical analysis

Title
Communicate Concepts

Tags
205552, 3

Learning Outcome
Communicate statistical concepts to a non-statistician

Title
Work in a Team

Tags
205689, 1

Learning Outcome
Work in a team with members from other disciplines

STAT 591R - Graduate Seminar in Statistics

Course Information

Teaching Area (new)
STAT

Course Number
591R

Teaching Area
STAT

Course Title
Graduate Seminar in Statistics

Department
Statistics

When Taught
Fall and Winter

Credit Hours

Min:
0

Fixed/Max:
0

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Effective Presentation

Tags
205726, 2

Learning Outcome
Describe elements of the effective presentation of statistical results to a specialized audience

Title
Statistical Research

Tags
205730, 1

Learning Outcome
Identify areas of emergent statistical research

STAT 595R - Quality Methods

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Quality Methods

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Stat 595R

Tags
205793, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding

Tags
205796, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Explain Historicity and Relevance

Tags
205799, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Develop Proficiency

Tags
205802, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

STAT 595R - Special Topics in Statistics

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Special Topics in Statistics

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Explain Historicity and Relevance

Tags
205568, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Demonstrate Understanding

Tags
205587, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Develop Proficiency

Tags
205687, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

Title
STAT 595R

Tags
205712, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

STAT 595R - Sampling Practicum

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Sampling Practicum

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Stat 595R

Tags
205792, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding

Tags
205797, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Explain Historicity and Relevance

Tags
205798, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Develop Proficiency

Tags
205803, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

STAT 595R - Statistical Computations

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Statistical Computations

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Develop Proficiency in Methods

Tags
205660, 3

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

Title
Explain Context

Tags
205683, 2

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Demonstrate Understanding

Tags
205729, 1

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

STAT 595R - Theory of Risk

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Theory of Risk

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Exam C

Tags
205517, 0

Learning Outcome
The primary learning outcome of this course is to prepare students for part of Exam C offered by the Society of Actuaries.

Title
Estimation

Tags
205613, 4

Learning Outcome
Recognize, understand, and complete problems related to constructing parametric models: estimate parameters, apply unbiasedness, consistency, UMVUE, and MSE to survival, severity, frequency, and aggregate models.

Title
Survival/Severity/Frequency/Aggregate Models

Tags
205630, 1

Learning Outcome
Recognize, understand, and complete problems related to Survival, Severity, Frequency and Aggregate models. Learn how to model data for each of these.

Title
Risk

Tags
205661, 2

Learning Outcome
Recognize, understand, and complete problems related to basic risk measures.

Title
Simulation and Resampling

Tags
205668, 5

Learning Outcome
Recognize, understand, and complete problems related to learning simulation and resampling methods for model validation.

Title
Empirical Models

Tags
205701, 3

Learning Outcome
Recognize, understand, and complete problems related to fitting empirical models to data and applying statistical estimation procedures.

STAT 595R - Biostatistical Methods.

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Biostatistical Methods.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Stat 595R

Tags
205794, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding

Tags
205795, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Explain Historicity and Relevance

Tags
205800, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Develop Proficiency

Tags
205801, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package.

STAT 595R - Expert Systems in Statistics

Course Information

Teaching Area (new)
STAT

Course Number
595R

Teaching Area
STAT

Course Title
Expert Systems in Statistics

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Stat 595R

Tags
205788, 1

Learning Outcome
This is a course with no set curriculum. The learning objectives will be determined by the directing instructor. The outcomes will be specific to the special topic as directed by the professor. In general, after completion of a special topics course in statistics, the student will:

Title
Demonstrate Understanding

Tags
205789, 2

Learning Outcome
Demonstrate understanding of and competence in subject matter, varying by course topic

Title
Explain Historicity and Relevance

Tags
205790, 3

Learning Outcome
Explain the historical context or modern relevance of the selected special topics curriculum

Title
Develop Proficiency

Tags
205791, 4

Learning Outcome
Develop proficiency in specialized quantitative methods and their use in a modern statistical software package

STAT 599R - Academic Internship: Statistics

Course Information

Teaching Area (new)
STAT

Course Number
599R

Teaching Area
STAT

Course Title
Academic Internship: Statistics

Course Description
On-the-job experience. Report required.

Department
Statistics

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
9

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Departmental consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Apply Knowledge

Tags
205498, 1

Learning Outcome
Apply classroom knowledge and skills to day-to-day statistical tasks

Title
Effective Written and Oral Communication

Tags
205518, 6

Learning Outcome
Demonstrate effective written and oral communication skills as they report on their internship experience

Title
Effectively Communicate

Tags
205581, 5

Learning Outcome
Effectively communicate results of statistical analyses to clients, supervisors, and colleagues

Title
Appropriate Dress and Etiquette

Tags
205644, 4

Learning Outcome
Practice appropriate dress and etiquette in varied business settings

Title
Personal Career Goals

Tags
205717, 2

Learning Outcome
Explore personal career goals and expectations

Title
Problem Solving Skills

Tags
205723, 3

Learning Outcome
Develop problem solving skills

STDEV 100 - Essential College Skills

Course Information

Teaching Area (new)
STDEV

Course Number
100

Teaching Area
STDEV

Course Title
Essential College Skills

Course Description
Developing essential college skills for online learning: Understanding the Mission and AIMS of BYU, navigating an LMS, understanding learning strategies, maintaining wellness, accessing resources, and connecting to the campus community.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Admission to the BGS program.

Note
Offered only through the Bachelor of General Studies program.

Learning Outcomes

Title
Study Skills

Tags
191537, 5

Learning Outcome
3. Add new study and test preparation (study) skills to their existing repertoire.

Title
Educational Goals

Tags
206380, 1

Learning Outcome
1. Articulate their educational values and goals and how they align with the purposes of a BYU education.

Title
Time Management

Tags
206418, 3

Learning Outcome
2. Analyze the effectiveness of their own planning/scheduling system and be able to demonstrate that they understand sound time management and goal setting principles.

STDEV 109 - Effective Study and Learning

Course Information

Teaching Area (new)
STDEV

Course Number
109

Teaching Area
STDEV

Course Title
Effective Study and Learning

Course Description
Learning to learn: motivation, time management, reading, listening, notetaking, test preparation, and memorizing.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Note Taking

Tags
206252, 3

Learning Outcome
Students will be able to produce course lecture notes using a systematic note-taking system.

Title
Test-Preparation and Test-Taking

Tags
206344, 5

Learning Outcome

Students will be able to apply effective college test-preparation and test-taking strategies.

Title
Memory

Tags
206348, 1

Learning Outcome

Students will be able to apply intentional memorization strategies.

Title
Reading

Tags
206362, 2

Learning Outcome

Students will demonstrate the application of effective college reading strategies.

Title
Time Management

Tags
206392, 0

Learning Outcome

Students will be able to apply individualized time management strategies to their coursework and other activities.

STDEV 117 - Career Exploration

Course Information

Teaching Area (new)
STDEV

Course Number
117

Teaching Area
STDEV

Course Title
Career Exploration

Course Description
Applying theories of individual, academic, and career development to the university student. Exploring university opportunities and college majors; graduation planning.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Resources

Tags
206200, 3

Learning Outcome
Display an awareness of and ability to access educational and career information resources.

Title
Personal Awareness

Tags
206207, 1

Learning Outcome
Develop greater awareness of personal qualities, interests, skills, and values that play a role in career-decision making.

Title
Increased Confidence

Tags
206247, 2

Learning Outcome
Demonstrate increased confidence and ability to make decisions as well as progress towards making career decisions.

Title
Knowledge of Career Choices

Tags
206383, 0

Learning Outcome
Increase knowledge of college majors, career options, and additional world-of-work factors that influence career choice.

STDEV 120 - International Student Orientation

Course Information

Teaching Area (new)
STDEV

Course Number
120

Teaching Area
STDEV

Course Title
International Student Orientation

Course Description
Understanding the American education system, the unique religious and academic cultures at BYU, and government regulations of F-1 visa status.

Department
Student Development

When Taught
Fall Term 1; Winter Term 1.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
For international students.

Learning Outcomes

Title
Awareness of services

Tags
207973, 1

Learning Outcome
1. Students will become familiar with the staff of International Student and Scholar Services and the services provided.

Title
Academic resources

Tags
207974, 2

Learning Outcome
2. Students will become familiar with the academic resources and support services available on campus.

Title
Visa regulations

Tags
207975, 3

Learning Outcome
3. Students will understand their responsibility regarding the visa regulations required to maintain F-1 status in the United States.

Title
Cultural appreciation

Tags
207976, 4

Learning Outcome
4. Students will gain a greater understanding of the US culture and express an appreciation for their own culture.

Title
Social integration

Tags
207977, 5

Learning Outcome
5. Students will feel more integrated into the BYU community.

STDEV 132 - Introduction to Peer Education (Tutoring, mentoring etc.).

Course Information

Teaching Area (new)
STDEV

Course Number
132

Teaching Area
STDEV

Course Title
Introduction to Peer Education (Tutoring, mentoring etc.).

Course Description
Developing college-level peer educating skills; academic success and the tutoring cycle. Leads to level-one peer education certification of the College Reading and Learning Association.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
214472, 0, 1, 2023-08-29 12:42:03

Learning Outcome
Students will understand the goals, roles, and best practices of peer education, which includes being a peer mentor, tutor, teaching assistant, etc.

Title
Performance

Tags
214473, 0, 2, 2023-08-29 12:42:06

Learning Outcome
Students will achieve CRLA level proficiency in peer education.

Title
Affective

Tags
214474, 0, 3, 2023-08-29 12:42:07

Learning Outcome
Students will appreciate the value of peer education.

STDEV 133 - Advanced Peer Education (tutoring, mentoring etc.).

Course Information

Teaching Area (new)
STDEV

Course Number
133

Teaching Area
STDEV

Course Title
Advanced Peer Education (tutoring, mentoring etc.).

Course Description
Developing advanced-level peer-educating approaches and analytical thinking. Leads to level-two peer education certification of the College Reading and Learning Association.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
214475, 0, 1, 2023-08-29 12:42:10

Learning Outcome
Students will understand advanced Peer Educator skills. These include mentoring, tutoring, being a teaching assistant, etc.

Title
Performance

Tags
214476, 0, 2, 2023-08-29 12:42:12

Learning Outcome
Students will achieve CRLA advanced-level proficiency in peer education.

Title
Affective

Tags
214477, 0, 3, 2023-08-29 12:42:13

Learning Outcome
Students will appreciate the value of being a peer educator for specific groups.

STDEV 140 - Life Planning and Decision Making

Course Information

Teaching Area (new)
STDEV

Course Number
140

Teaching Area
STDEV

Course Title
Life Planning and Decision Making

Course Description
Individual development in life planning and decision making, emphasizing personal maturity, goal setting, and decision making abilities in areas of common concern to young adults.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Time Management

Tags
206198, 4

Learning Outcome
Learn the principles of time management and how it applies to decision making and life planning.

Title
Goal Setting

Tags
206199, 3

Learning Outcome
Learn the components of goal setting and accomplishment and be able to set attainable goals for yourself.

Title
Developmental Theories

Tags
206340, 0

Learning Outcome
Understand developmental theories as they relate to young adult development, and evaluate your individual progress within the scope of these theories.

Title
Decision Making

Tags
206372, 1

Learning Outcome
Learn the main components of decision making and come to a better understanding of your personal decision making style and ways in which you may want/need to adapt it to better suit your needs.

Title
Personality Development

Tags
206459, 2

Learning Outcome
Become familiar with basic concepts of personality development and be able to identify your individual personality strengths and challenges.

STDEV 141R - Individual Development

Course Information

Teaching Area (new)
STDEV

Course Number
141R

Teaching Area
STDEV

Course Title
Individual Development

Course Description
Applying theories of psychological development (including rational living, positive psychology, and dialectical behavior therapy) in a self-assessment approach to promoting self-awareness and psychological development.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

STDEV 143 - The Science and Practice of Positive Living

Course Information

Teaching Area (new)
STDEV

Course Number
143

Teaching Area
STDEV

Course Title
The Science and Practice of Positive Living

Course Description
Enhancing personal growth and mental health through the learning and application of research-backed activities. Developing personal strengths such as gratitude, savoring and mindfulness.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

STDEV 145 - Integrity for Life: Building Personal Character

Course Information

Teaching Area (new)
STDEV

Course Number
145

Teaching Area
STDEV

Course Title
Integrity for Life: Building Personal Character

Course Description
Exploring integrity in depth, developing personal values rooted in integrity, and understanding how to make intentional decisions to become better citizens and disciples of Jesus Christ.

Department
Student Development

When Taught
Fall; Winter.

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Identify Values

Tags
214659, 0, 2

Learning Outcome

Students will identify and develop values that guide their actions.

Title
Alignment with Values

Tags
214660, 0, 3

Learning Outcome

Students will analyze how their actions align with their values.

Title
Disagreement

Tags
214662, 0, 4

Learning Outcome

Students will learn to respectfully disagree with others while maintaining integrity.

Title
Recognition

Tags
214663, 0, 5

Learning Outcome

Students will recognize instances of integrity or lack thereof in the world around them.

Title
Purpose of BYU

Tags
214664, 0, 6

Learning Outcome

Students will know and understand the purpose of BYU and their commitments to the institution.

Title
Integrity and Honesty

Tags
214658, 0, 1

Learning Outcome

Students will commit to live a life of integrity and to be honest in everything they do.

STDEV 150 - Public Speaking

Course Information

Teaching Area (new)
STDEV

Course Number
150

Teaching Area
STDEV

Course Title
Public Speaking

Course Description
Principles and methods of public speaking; speaking experiences.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Effective Visual Aids

Tags
188908, 1

Learning Outcome
Be able to produce and employ effective visual aids in your presentations.

Title
Extemporaneous Public Speeches

Tags
189031, 2

Learning Outcome
Construct and deliver effective extemporaneous public speeches.

Title
Speech Anxiety and Nonverbal Communication

Tags
189035, 3

Learning Outcome
Manage speech anxiety and effective use nonverbal communication to inform, persuade, enlighten, and impact your audience.

Title
Analytical Listening and Observation

Tags
189060, 4

Learning Outcome
Develop analytical, listening, and observation skills.

Title
Speaking to the Audience

Tags
189109, 1

Learning Outcome
Know how to speak publicly so your audience will really listen and understand.

STDEV 155 - Authentic Leadership and Personal Effectiveness

Course Information

Teaching Area (new)
STDEV

Course Number
155

Teaching Area
STDEV

Course Title
Authentic Leadership and Personal Effectiveness

Course Description
Developing personal character and skills necessary to become an effective and authentic leader.

Department
Student Development

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

STDEV 168R - Law Lecture Series

Course Information

Teaching Area (new)
STDEV

Course Number
168R

Teaching Area
STDEV

Course Title
Law Lecture Series

Course Description
Exploring legal professions. Primary focus on guest lecturers representing various legal professions.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
1. Understanding a legal education and career

Tags
206230, 0

Learning Outcome
Students will have a better understanding of what a legal education and career requires and provides.

Title
2. Law as a Career Choice

Tags
206396, 0, 1

Learning Outcome
Students will be better able to assess whether or not a legal career is the correct choice for them.

STDEV 170 - Introduction to Health Professions

Course Information

Teaching Area (new)
STDEV

Course Number
170

Teaching Area
STDEV

Course Title
Introduction to Health Professions

Course Description
Overview of health professions: medical, dental, and other specialties. Primary focus on guest lectures from various practitioners and clinicians.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Understanding of health professions

Tags
207987, 0

Learning Outcome
1. Students will gain a basic understanding of a significant number of health professions.

Title
Professional Requirements

Tags
207988, 3

Learning Outcome
2. Students will increase awareness of the requirements to enter various health professions and where to find additional information about their preferred health care field.

STDEV 199R - Academic Internship

Course Information

Teaching Area (new)
STDEV

Course Number
199R

Teaching Area
STDEV

Course Title
Academic Internship

Course Description
Work experience evaluated by supervisor and faculty mentor and posted on transcript.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department internship coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Understanding the Legal Profession

Tags
206221, 0

Learning Outcome
Students will have a better understanding of what a legal education and career requires and provides.

Title
Deciding about Law

Tags
206282, 1

Learning Outcome
Students will be able to accurately assess whether or not a legal education and career is the correct choice for them.

Title
Career Choice

Tags
206215, 0, 1, 2022-11-16 05:42:42

Learning Outcome
Students will be able to better determine major and/or career paths based on hands-on experiences in the internship provider workplace setting.

STDEV 205 - Success in College Reading

Course Information

Teaching Area (new)
STDEV

Course Number
205

Teaching Area
STDEV

Course Title
Success in College Reading

Course Description
Learning and practicing introductory strategies for improved college-level reading.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application of Strategies

Tags
207992, 2

Learning Outcome
2. Students will be able to select, adapt, and practice the reading strategies that make the greatest contribution to understanding, learning and reasoning from that particular text and situation.

Title
Increased Speed and Comprehension

Tags
207993, 3

Learning Outcome
3. Students will demonstrate improvement from their baseline reading speed and comprehension rates.

Title
Increased Confidence

Tags
207994, 4

Learning Outcome
4. Students will increase their confidence in being able to read any academic text with engagement and understanding.

Title
Understanding of Strategies

Tags
207995, 1

Learning Outcome
1. Students will understand and be able to explain each strategy, why it is important, how to do it, and when or under what conditions to apply it.

Title
Increased Speed Device

Tags
207996, 5

Learning Outcome
5. Students will understand how to use a 'speeding up' device to increase their personal reading speed with comprehension.

STDEV 214R - Special Topics in Student Development

Course Information

Teaching Area (new)
STDEV

Course Number
214R

Teaching Area
STDEV

Course Title
Special Topics in Student Development

Course Description
Survey or introductory courses on various student development topics related to academic skills, career exploration and development, or mental health.

Department
Student Development

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
For more information about each special topics section, visit sds.byu.edu/helpful-classes.

STDEV 247 - Performance Psychology

Course Information

Teaching Area (new)
STDEV

Course Number
247

Teaching Area
STDEV

Course Title
Performance Psychology

Course Description
Learning psychological barriers to peak performance. Developing effective techniques and routines to enhance performance.

Department
Student Development

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

STDEV 255 - Team Leadership

Course Information

Teaching Area (new)
STDEV

Course Number
255

Teaching Area
STDEV

Course Title
Team Leadership

Course Description
Developing team leadership skills necessary to navigate group processes.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

STDEV 256 - Leadership and Management Skills

Course Information

Teaching Area (new)
STDEV

Course Number
256

Teaching Area
STDEV

Course Title
Leadership and Management Skills

Course Description
Learning the basic tools of effective leadership and management; applying fundamental supervisory and management principles.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

STDEV 260 - Constitutional Research

Course Information

Teaching Area (new)
STDEV

Course Number
260

Teaching Area
STDEV

Course Title
Constitutional Research

Course Description
The United States Constitution; research on original sources used to create the Constitution.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Current Issues

Tags
206224, 1

Learning Outcome
Understand the current issues surrounding Constitutional articles and amendments.

Title
Skill Development

Tags
206257, 2

Learning Outcome
Improve their editing and research skills.

Title
Analytic Skills

Tags
206398, 0

Learning Outcome
Know and develop interpretation and analytic skills regarding the 7 articles and 27 amendments to the Constitution.

STDEV 261 - The Law in Literature

Course Information

Teaching Area (new)
STDEV

Course Number
261

Teaching Area
STDEV

Course Title
The Law in Literature

Course Description
Examining how the law--including the justice system, attorneys, judges, and clients--has been portrayed in literary works.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Law as a Career

Tags
206223, 1

Learning Outcome
Be able to more accurately assess whether or not a legal education and career is the correct choice for them.

Title
Analysis of Media

Tags
206225, 2

Learning Outcome
Be able to critically analyze portrayals of law in literature and other media forms to assess for accuracy.

Title
Legal Education

Tags
206416, 0

Learning Outcome
Have a better understanding of what a legal education and career requires and provides.

STDEV 268R - Prelaw Leadership

Course Information

Teaching Area (new)
STDEV

Course Number
268R

Teaching Area
STDEV

Course Title
Prelaw Leadership

Course Description
Leadership skills and strategies for members of the PLSA Board. Successful planning, implementation, and execution of prelaw activities.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Leadership

Tags
206272, 2

Learning Outcome
Learn how to effectively plan, implement, and carry-out effective academic activities for large groups of undergraduate students.

Title
Legal Education and Career

Tags
206280, 0

Learning Outcome
Understand what a legal education and career requires and provides.

Title
Choosing a Legal Career

Tags
206394, 1

Learning Outcome
Assess whether or not a legal education and career is the correct choice for them.

Title
Legal Education

Tags
206195, 1

Learning Outcome
Understand what a legal education and career requires and provides.

Title
Career Choice

Tags
206261, 1

Learning Outcome
Assess whether or not a legal education and career is the correct choice for them.

Title
Leadership

Tags
206414, 2

Learning Outcome
Learn how to effectively plan, implement, and carry-out effective academic activities for large groups of undergraduate students.

STDEV 271 - Preview of Dentistry

Course Information

Teaching Area (new)
STDEV

Course Number
271

Teaching Area
STDEV

Course Title
Preview of Dentistry

Course Description
Preview of dentistry with lectures by dentists; overview of required courses; application process; recommended extracurricular opportunities.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application Process

Tags
206273, 2

Learning Outcome
Students will understand the application process for dental school and analyze their individual preparation for this process.

Title
Increase Understanding of the Profession

Tags
206399, 2

Learning Outcome
Students will increase their understanding of the dental profession.

STDEV 272 - Preview of Medicine

Course Information

Teaching Area (new)
STDEV

Course Number
272

Teaching Area
STDEV

Course Title
Preview of Medicine

Course Description
Preview of medical practice with lectures by doctors; overview of required courses; application process; recommended extracurricular opportunities.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Application for Medical School

Tags
206332, 0

Learning Outcome
Understand the application process for medical school and analyze their individual preparation for this process.

Title
Understanding of the Profession

Tags
207909, 1

Learning Outcome
Increase their understanding of the medical profession.

STDEV 273 - Preview of Optometry

Course Information

Teaching Area (new)
STDEV

Course Number
273

Teaching Area
STDEV

Course Title
Preview of Optometry

Course Description
Preview of optometry with lectures by optometrists; overview of required courses; application process; recommended extracurricular opportunities.

Department
Student Development

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Learning Outcomes

Title
Preparation for Optometry School

Tags
206233, 1

Learning Outcome
Students will understand the application process for optometry school and analyze their individual preparation for this process.

Title
Increase Understanding of the Profession

Tags
206293, 0

Learning Outcome
Students will increase understanding of the optometry profession.

STDEV 274 - Preview of Physician Assistant

Course Information

Teaching Area (new)
STDEV

Course Number
274

Teaching Area
STDEV

Course Title
Preview of Physician Assistant

Course Description
Preview of the physician assistant profession and PA school application process. Guest presentations by practicing PAs, PA school representatives, and pre-health advisors.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Recommended
St Dev 170

Learning Outcomes

Title
Role of PA

Learning Outcome
Describe the role, scope, and specializations of a physician assistant within the healthcare system.

Title
Educational Pathway

Learning Outcome
Identify the educational pathway and admissions process required to become a physician assistant.

Title
Individual Preparation

Learning Outcome
Analyze your individual preparation for the process of admission to physician assistant school.

STDEV 278R - Pre-Health Leadership

Course Information

Teaching Area (new)
STDEV

Course Number
278R

Teaching Area
STDEV

Course Title
Pre-Health Leadership

Course Description
Leadership skills and strategies for leaders of pre-health clubs. Successful planning, implementation, and execution of pre-health club activities.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

STDEV 290 - Learning Through Service: Theory and Application of Service

Course Information

Teaching Area (new)
STDEV

Course Number
290

Teaching Area
STDEV

Course Title
Learning Through Service: Theory and Application of Service

Course Description
Theories, applications, methods, and approaches to service.

Department
Student Development

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Roles

Tags
206220, 3

Learning Outcome
Explore their roles as citizens and potential service opportunities and responsibilities related to family, civic, career, and church life.

Title
Theory

Tags
206232, 1

Learning Outcome
Learn and apply service and learning theories in their personal service interactions.

Title
Identity

Tags
206249, 2

Learning Outcome
Facilitate students’ service “identity,” and aspirations for meaningful future service.

Title
Competence

Tags
206409, 4

Learning Outcome
Enhance students’ ability to gain related competence, skill, and understanding by reflecting on their service. Action-reflection tools and concepts will be modeled in the course to encourage students to make intentional learning connections with their personal values, beliefs, academic interests, individual skills, etc, and their service contributions.

Title
Motivation

Tags
206413, 1

Learning Outcome
Assess personal motivations and capacities for service.

STDEV 305 - Advanced Reading Strategies for College Success

Course Information

Teaching Area (new)
STDEV

Course Number
305

Teaching Area
STDEV

Course Title
Advanced Reading Strategies for College Success

Course Description
Developing improved speed and comprehension skills through selection and practice of college reading strategies.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Knowledge

Tags
206194, 1

Learning Outcome
Describe the reading principles and strategies appropriate for various text types and reading purposes. Explain what the strategy is, why it is important, how to do it, and when or under what conditions to apply it. Explain what reading is, especially academic reading.

Title
Action

Tags
206205, 1

Learning Outcome
Select, adapt, and practice the reading strategies that make the greatest contribution to students’ understanding, learning and reasoning from their university texts.

Title
Progress

Tags
206269, 2

Learning Outcome
Demonstrate improvement from their baseline reading speed and comprehension rates.

Title
Confidence

Tags
206289, 3

Learning Outcome
Increase their confidence in being able to read any academic text with engagement and understanding. Decrease stress and procrastination related to reading.

Title
Knowledge

Tags
206310, 0

Learning Outcome
Describe the reading principles and strategies appropriate for various text types and reading purposes. Explain what the strategy is, why it is important, how to do it, and when or under what conditions to apply it. Explain what reading is, especially academic reading.

Title
Progress

Tags
206330, 2

Learning Outcome
Demonstrate improvement from their baseline reading speed and comprehension rates.

Title
Affect

Tags
206412, 3

Learning Outcome
Increase their confidence in being able to read any academic text with engagement and understanding. Decrease stress and procrastination related to reading.

Title
Action

Tags
206419, 1

Learning Outcome
Select, adapt, and practice the reading strategies that make the greatest contribution to students’ understanding, learning and reasoning from their university texts.

STDEV 317 - Job and Internship Search Strategies

Course Information

Teaching Area (new)
STDEV

Course Number
317

Teaching Area
STDEV

Course Title
Job and Internship Search Strategies

Course Description
Preparing for employment and internship opportunities. Practical strategies to facilitate internship and/or career preparation: resumes, cover letters, networking, interviewing, and Internet research.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

STDEV 318 - Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant

Course Information

Teaching Area (new)
STDEV

Course Number
318

Teaching Area
STDEV

Course Title
Graduate School Preparation: Practical Strategies for Becoming a More Competitive Applicant

Course Description
Preparing students to craft competitive graduate school application documents. Pragmatic strategies to facilitate preparation and understanding of references, graduate program research, personal statements, scholarships and financial aid, entrance exams, resumes and interviewing.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Note
Graduate School Preparation: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu

Learning Outcomes

Title
Critical Thinking

Tags
206352, 0, 0

Learning Outcome
Students will identify graduate school programs that match their career goals.

Title
Oral and Written Communication

Tags
206337, 0, 1

Learning Outcome
Students will effectively present themselves as graduate school candidates through personal branding articulated in professional documents and interactions.

Title
Technology

Tags
206316, 0, 2

Learning Outcome
Students will utilize technology to obtain information on graduate school programs and to create professional relationships.

Title
Professionalism

Tags
206378, 0, 3

Learning Outcome
Students will connect with graduate schools through interviews, events, and technology to build and maintain relationships.

STDEV 319 - Professional Etiquette

Course Information

Teaching Area (new)
STDEV

Course Number
319

Teaching Area
STDEV

Course Title
Professional Etiquette

Course Description
Social norms and behavioral expectations of professional settings; Professional etiquette including interviewing and entertaining.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
None.

Recommended
None

STDEV 355 - Leading Change

Course Information

Teaching Area (new)
STDEV

Course Number
355

Teaching Area
STDEV

Course Title
Leading Change

Course Description
Effecting change in others and organizations.

Department
Student Development

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- STDEV 155 - Authentic Leadership and Personal Effectiveness

OR

Prerequisites

Complete ALL of the following Courses:

- STDEV 255 - Team Leadership

STDEV 358R - Student Leadership Development

Course Information

Teaching Area (new)
STDEV

Course Number
358R

Teaching Area
STDEV

Course Title
Student Leadership Development

Course Description
Analysis, synthesis, and integration of personal leadership experienced in an academic context. Successful leadership: decision making, communications, planning, team building, motivation, and interpersonal skills.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
Instructor's consent

STDEV 359 - Conflict Resolution

Course Information

Teaching Area (new)
STDEV

Course Number
359

Teaching Area
STDEV

Course Title
Conflict Resolution

Course Description
Learn how to resolve conflict more effectively and build peace on the interpersonal, national, and international levels. Includes gospel perspectives and practical strategies and theories on negotiation and peace building, and explores conflict in politics, gender, and race.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
LDS Concepts on Conflict Resolution

Tags
206209, 3

Learning Outcome

Describe the primary principles of conflict resolution taught by Christ and leaders of the LDS Church and how those principles strengthen our ability to have a responsive way of being.

Title
Nature of Conflict

Tags
206213, 1

Learning Outcome

Describe the nature of conflict in human interactions and how way of being is more important than behavior in influencing relationships and determining outcomes of conflict.

Title
Dialoguing Skills

Tags
206222, 4

Learning Outcome

Explain the difference between dialoguing and debating and apply the key skills for dialoguing.

Title
Negotiation Strategies

Tags
206239, 5

Learning Outcome

Describe basic negotiation strategies and practice negotiating in role-play scenarios.

Title
Dispute Resolution Methods

Tags
206404, 0

Learning Outcome

Recognize the different dispute resolution methods and conflict styles most commonly practiced in society and their advantages and disadvantages.

Title
Way of Being

Tags
206410, 2

Learning Outcome

Apply the concepts about way of being and how to make things go right in relationships through specific homework assignments.

STDEV 364 - Mediation Techniques and Practices

Course Information

Teaching Area (new)
STDEV

Course Number
364

Teaching Area
STDEV

Course Title
Mediation Techniques and Practices

Course Description
Mediation helps people more effectively resolve disputes. Build mediation skills; develop a greater capacity to communicate, empathize, and reduce conflict.

Department
Student Development

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Rules and Ethics

Tags
206265, 5

Learning Outcome
Understand the basic rules of behavior for the parties in a mediation session and the common ethical practices of mediators.

Title
Mediation Process

Tags
206297, 1

Learning Outcome
Know and apply the phases of the basic mediation process.

Title
Preparation

Tags
206311, 1

Learning Outcome
Know how to prepare for a mediation session and be able to present the essential elements of a mediator’s opening statement.

Title
Identify Issues

Tags
206366, 2

Learning Outcome
Be able to identify issues and interests of the parties and set an agenda for the mediation session.

Title
Closing the Session

Tags
206385, 4

Learning Outcome
Be able to assist the parties in building and writing an agreement and to properly close the mediation session.

Title
Performance

Tags
206423, 3

Learning Outcome
Be able to skillfully conduct a mediation conference with joint and private meetings, allowing the disputing parties uninterrupted time for expressing viewpoints and interactive time to effectively exchange information, arguments, and offers of settlement.

STDEV 365 - Legal Education and Practice

Course Information

Teaching Area (new)
STDEV

Course Number
365

Teaching Area
STDEV

Course Title
Legal Education and Practice

Course Description
Successful legal education and practice. Preparation for those planning to attend law school.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Assimilation

Tags
206210, 4

Learning Outcome
Students will practice assimilating all legal research into a deliverable final product (memo/brief)

Title
Legal Research

Tags
206244, 2

Learning Outcome
Students will understand the major secondary sources used in legal research.

Title
Legal Cases

Tags
206286, 1

Learning Outcome
Students will be able to read, understand, and brief a legal case.

Title
Communication

Tags
206290, 3

Learning Outcome
Students will learn how to effectively communicate with others (focusing on legal aspects)

Title
Law School Examination

Tags
206353, 1

Learning Outcome
Students will be able to effectively study and prepare for a law school final examination.

STDEV 368R - Prelaw Review Journal Writing

Course Information

Teaching Area (new)
STDEV

Course Number
368R

Teaching Area
STDEV

Course Title
Prelaw Review Journal Writing

Course Description
Editing and publication for Pre-law Review authors and editors.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Pre-Law Review

Tags
206266, 0

Learning Outcome
Understand the procedure for publishing the Prelaw Review.

Title
Citation Guide

Tags
206270, 1

Learning Outcome
Know how to use the Bluebook citation style guide.

Title
Writing Skills

Tags
206284, 2

Learning Outcome
Improve essential legal writing skills.

Title
Relationships

Tags
206411, 3

Learning Outcome
Work effectively in writing and editing relationships.

Tags
206255, 1

Learning Outcome
2. Know how to use the Bluebook citation style guide.

Tags
206317, 2

Learning Outcome
3. Improve essential legal writing skills.

Tags
206338, 3

Learning Outcome
4. Work effectively in writing and editing relationships.

Tags
206370, 0

Learning Outcome
1. Understand the procedure for publishing the Prelaw Review.

STDEV 375 - Dental School Preparation Laboratory Experience

Course Information

Teaching Area (new)
STDEV

Course Number
375

Teaching Area
STDEV

Course Title
Dental School Preparation Laboratory Experience

Course Description
Dental laboratory practices; tooth terminology, morphology, and anatomy. Procedures including oral pathology, diagnosis, and X-rays.

Department
Student Development

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
2. Dental terminology and current issues

Tags
206241, 2

Learning Outcome
Students will learn basic dental terminology and current issues in dentistry to better prepare them for the dental school interviewing process.

Title
1. General knowledge of dentistry

Tags
206359, 1

Learning Outcome
Students will gain a basic understanding of dental sciences in preparation for their first semesters of dental school.

Title
3. Manual dexterity

Tags
206401, 3

Learning Outcome
Students will develop manual dexterity for skills that are required to perform dentistry.

STDEV 399R - Student Leadership Internship

Course Information

Teaching Area (new)
STDEV

Course Number
399R

Teaching Area
STDEV

Course Title
Student Leadership Internship

Course Description
Coaching and training, both experiential and formal, in the following: volunteer recruitment, mentorship, motivation, and rentention; budget and project management; navigation of administrative environment; public relations and advertising, other aspects of non-profit, volunteer leadership.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
4

Note
An APPROVED Internship Application is required before adding.

STDEV 399R - Health Professions Internship

Course Information

Teaching Area (new)
STDEV

Course Number
399R

Teaching Area
STDEV

Course Title
Health Professions Internship

Course Description
Internships with health care providers or service delivery experience.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Note
An approved Internship Application is required before adding.

Learning Outcomes

Title
Research Different Healthcare Practices

Tags
206294, 2

Learning Outcome
Students will learn about different healthcare practices.

Title
Develop Professional Relationships

Tags
206343, 3

Learning Outcome
Students will develop meaningful professional relationships with their internship providers.

Title
Improve Ability to Communicate in a Professional Setting

Tags
206350, 1

Learning Outcome
Students will improve their ability to converse with health care professionals.

Title
Gain Experience Through Shadowing Professionals

Tags
206361, 0

Learning Outcome
Students will gain valuable experience by shadowing and working with current health professionals.

STDEV 399R - Advanced EMS Internship

Course Information

Teaching Area (new)
STDEV

Course Number
399R

Teaching Area
STDEV

Course Title
Advanced EMS Internship

Course Description
Internship for advanced students in the on-campus emergency medical services (EMS) program.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Note
An APPROVED Internship Application is required before adding.

STDEV 455 - Leadership Capstone

Course Information

Teaching Area (new)
STDEV

Course Number
455

Teaching Area
STDEV

Course Title
Leadership Capstone

Course Description
Applying leadership principles to personalized capstone project.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STDEV 355 - Leading Change

STDEV 470 - Health Professions Application

Course Information

Teaching Area (new)
STDEV

Course Number
470

Teaching Area
STDEV

Course Title
Health Professions Application

Course Description
Preparation for health professional school applications including medicine, dentistry, physical therapy, physician assistant, etc.; entire application process, including school identification and submission.

Department
Student Development

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing Skills

Tags
206248, 2

Learning Outcome
Improve writing skills, particularly in respect to the personal statement.

Title
Interviewing Skills

Tags
206271, 3

Learning Outcome
Improve interviewing skills.

Title
Preparation

Tags
206299, 1

Learning Outcome
Assess their individual preparation for the professional school application process.

Title
Application Process

Tags
206420, 0

Learning Outcome
Increase understanding of the medical/dental school application process. They will understand the various components of the application process and how to access resources to facilitate their professional school application.

STDEV 490 - Bachelor of General Studies Capstone

Course Information

Teaching Area (new)
STDEV

Course Number
490

Teaching Area
STDEV

Course Title
Bachelor of General Studies Capstone

Course Description
Culminating course required for bachelor of general studies degree: analyze and evaluate BGS experience in light of the "Aims of a BYU Education" and summarize this experience in a reflective paper, integrate material learned in emphasis by completing a scholarly essay, and demonstrate accomplishment of learning outcomes.

Department
Student Development

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STDEV 100 - Essential College Skills

Other Prerequisites
completion of all other BGS program requirements

STDEV 496R - Advanced Legal Internship

Course Information

Teaching Area (new)
STDEV

Course Number
496R

Teaching Area
STDEV

Course Title
Advanced Legal Internship

Course Description
Legal research; courtroom observation; client and attorney interaction; and reflection exercises.

Department
Student Development

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Legal internship coordinator's consent

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Comfort

Tags
206214, 2

Learning Outcome
Increase comfort interacting with legal professionals.

Title
Legal Education

Tags
206243, 1

Learning Outcome
Understand what a legal education and career requires and provides.

Title
Career Choice

Tags
206379, 1

Learning Outcome
Accurately assess whether or not a legal education and career is the correct choice for them.

STRAT 325 - Introduction to Management Consulting

Course Information

Teaching Area (new)
STRAT

Course Number
325

Teaching Area
STRAT

Course Title
Introduction to Management Consulting

Course Description
Work on consulting teams and apply structured problem-solving techniques to management consulting class projects.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

STRAT 326 - Career Development and Student Mentoring

Course Information

Teaching Area (new)
STRAT

Course Number
326

Teaching Area
STRAT

Course Title
Career Development and Student Mentoring

Course Description
Introduction to the resources, services, and opportunities for career development available to business management majors. Specific projects include developing a career plan, refining interviewing and networking skills, and interacting individually with a mentor well-established in a directly relevant career.

Department
Management

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
For Strategic Management majors only.

STRAT 392 - Strategy and Economics

Course Information

Teaching Area (new)
STRAT

Course Number
392

Teaching Area
STRAT

Course Title
Strategy and Economics

Course Description
Concepts and tools of strategic management, with an emphasis on the economic tools influencing the success of strategy in the development of sustainable competitive advantage.

Department
Management

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Marriott School majors only. (Not for Strategic Management majors or minors.)

Learning Outcomes

Title
Economic Analysis

Tags
176191, 0

Learning Outcome
Acquire skill in applying the tools of economic analysis to management problems

Title
Team Skills

Tags
176246, 0

Learning Outcome

Participate in group discussions and projects skillfully.
Exercise responsibility in a collaborative mode.

Title
Competive Environments

Tags
176247, 0

Learning Outcome
Understand competitive environments, rivalry, cost, entry, and demand & supply.

Title
Strategic Reasoning

Tags
176248, 0

Learning Outcome
Reason strategically.

STRAT 401 - Foundations of Strategy

Course Information

Teaching Area (new)
STRAT

Course Number
401

Teaching Area
STRAT

Course Title
Foundations of Strategy

Course Description
Structured problem solving, strategic thinking, and basic strategy concepts to prepare students to analyze and understand the sources of competitive advantage and superior firm performance.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Strategic Management majors or minors only.

Learning Outcomes

Title
Effective Communication

Tags
176036, 5

Learning Outcome
Communicate effectively, both orally and in writing, concerning strategy concepts, models, and analyses.

Title
Analyzation and Strategy Formulation

Tags
176075, 2

Learning Outcome
Critically analyze the external and internal environments of a business organization and formulate appropriate strategies.

Title
Major Elements of Strategy

Tags
176086, 0

Learning Outcome
Recall, explain, and give examples of the major elements of strategy and the drivers of competitive advantage.

Title
Applying Analytical Models

Tags
176116, 1

Learning Outcome
Apply analytical models to complex business situations and generate strategic recommendations.

Title
Problem Solving Skills

Tags
176249, 3

Learning Outcome
Use problem-solving skills to develop hypotheses about the effect of data analysis on strategic decisions.

Title
Team Skills

Tags
176250, 4

Learning Outcome
Use team skills to actively participate in group projects and to assume and exercise responsibility in a collaborative mode.

STRAT 402 - Economics of Strategy

Course Information

Teaching Area (new)
STRAT

Course Number
402

Teaching Area
STRAT

Course Title
Economics of Strategy

Course Description
Concepts and tools of economic and quantitative analysis as they relate to the development and success of strategy.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Strategic Management majors and minors only.

Learning Outcomes

Title
Competitive Environments

Tags
176352, 1

Learning Outcome
Analyze competitive environments: demand, supply, rivalry, cost, and entry

Title
Managerial Decision-making

Tags
176353, 2

Learning Outcome
Utilize data analysis in managerial decision-making

Title
Strategic Decisions

Tags
176354, 3

Learning Outcome
Anticipate the likely outcomes of strategic decisions

Title
Effective Collaboration

Tags
176355, 4

Learning Outcome
Demonstrate effective collaboration skills in team discussions and projects

STRAT 411 - Advanced Competitive Strategy

Course Information

Teaching Area (new)
STRAT

Course Number
411

Teaching Area
STRAT

Course Title
Advanced Competitive Strategy

Course Description
Advanced strategy topics such as growth and diversification strategy, pricing strategy, game theory and competitor analysis, strategy as real options, and strategic flexibility and commitment.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STRAT 401 - Foundations of Strategy

Other Prerequisites
For Strategic Management majors or minors only.

Learning Outcomes

Title
Strategic Knowledge

Tags
176037, 2

Learning Outcome
Analyze competitive, especially Schumpetterian and evolutionary, dynamics

Title
Strategic Observation

Tags
176110, 0

Learning Outcome
Distinguish strategic situations in complex and nuanced differences across contexts

Title
Strategic Analysis

Tags
176137, 1

Learning Outcome
Develop creative analytical approaches to test hypotheses in strategic settings

Title
Strategic Aptitude

Tags
176193, 3

Learning Outcome
Develop effective strategy for firms through competent analysis and logic

Title
Presentation Skill

Tags
176251, 4

Learning Outcome
Develop "CEO-ready" strategy presentations and effectively express points of view on complex cases

Title
Teamwork

Tags
176252, 5

Learning Outcome
Participate collaboratively in teams

STRAT 412 - Strategy Analytics

Course Information

Teaching Area (new)
STRAT

Course Number
412

Teaching Area
STRAT

Course Title
Strategy Analytics

Course Description
Advanced concepts and tools of economic and quantitative analysis as they relate to the development and success of strategy. Including data gathering, data visualization, and data analysis.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Recommended
STAT 121

Learning Outcomes

Title
Analytical Tools and Models

Learning Outcome
Utilize advanced analytical tools to analyze, gather, generate, and visualize data

Title
Strategic Frameworks and Theory

Learning Outcome
Apply strategic management theories and frameworks to common managerial problems

Title
Economic Concepts and Principles

Learning Outcome
Apply economic concepts and principles to common managerial problems

Title
Strategy Formulation

Learning Outcome
Critically analyze the external and internal environment of a business organization and generate strategic recommendations

Title
Problem Solving Skills

Learning Outcome
Apply problem-solving skills to develop hypotheses about the effect of data analysis on strategic decisions

Title
Team Skills

Learning Outcome
Utilize team skills to actively participate in group projects and to assume and exercise responsibility in a collaborative mode

Title
Effective Communication

Learning Outcome
Communicate effectively, both orally and in writing, concerning strategy concepts, models, and analyses

STRAT 421 - Strategy Implementation

Course Information

Teaching Area (new)
STRAT

Course Number
421

Teaching Area
STRAT

Course Title
Strategy Implementation

Course Description
Integrative course on strategy formulation and implementation, including a field study. Topics include organizational alignment (structure and processes that fit the stragety), change management, and strategic leadership.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- STRAT 401 - Foundations of Strategy

Learning Outcomes

Title
Synthesize a Holistic View.

Tags
176253, 0

Learning Outcome
Combine the analytical output of several strategy tools and synthesize a holistic view of overall business problems

STRAT 427 - Consulting Project Management

Course Information

Teaching Area (new)
STRAT

Course Number
427

Teaching Area
STRAT

Course Title
Consulting Project Management

Course Description
Work as project leads for introduction to management consulting class projects.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

STRAT 431 - Strategic Thinking 1

Course Information

Teaching Area (new)
STRAT

Course Number
431

Teaching Area
STRAT

Course Title
Strategic Thinking 1

Course Description
An in-depth exploration of the nature of questions with a focus on developing critical thought and theoretical understanding.

Department
Management

When Taught
Fall

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

STRAT 432 - Strategic Thinking 2

Course Information

Teaching Area (new)
STRAT

Course Number
432

Teaching Area
STRAT

Course Title
Strategic Thinking 2

Course Description
An in-depth exploration of relationships in both personal and professional settings with a focus on developing the soft skills relevant to business managers.

Department
Management

When Taught
Winter

Credit Hours

Min:
1.5

Fixed/Max:
1.5

Lecture Hours

Fixed:
1.5

Lab Hours

Fixed:
0

STRAT 433 - Strategic Thinking 3

Course Information

Teaching Area (new)
STRAT

Course Number
433

Teaching Area
STRAT

Course Title
Strategic Thinking 3

Course Description
An in-depth exploration of world issues relevant to business managers with a focus on developing a broader horizon for effective leadership.

Department
Management

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

STRAT 435 - Introduction to Coding for Technology Managers and Entrepreneurs

Course Information

Teaching Area (new)
STRAT

Course Number
435

Teaching Area
STRAT

Course Title
Introduction to Coding for Technology Managers and Entrepreneurs

Course Description
Hands-on course learning to build apps with a focus on giving future technology managers the context to understand how the products they manage are developed.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

STRAT 437R - Associate Product Management Lecture Series

Course Information

Course Number
437R

Teaching Area
STRAT

Course Title
Associate Product Management Lecture Series

Course Description
Lectures and networking with product management professionals in a smaller setting to help students develop strategies to pursue careers in product management within a larger organization.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0.5

Lab Hours

Fixed:
0

Learning Outcomes

Title
Career readiness

Tags
214478, 0, 1, 2023-08-29 12:43:18

Learning Outcome
Learn skills necessary to obtain employment in the product management field

Title
Networking

Tags
214479, 0, 2, 2023-08-29 12:43:19

Learning Outcome
Build ties with industry professionals and fellow students

STRAT 475 - Associate Product Management Experience

Course Information

Course Number
475

Teaching Area
STRAT

Course Title
Associate Product Management Experience

Course Description
Direct, practical, mentored, professional experience embedded in a product management team.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
2

Learning Outcomes

Title
Communication Skills

Tags
214480, 0, 1, 2023-08-29 12:43:20

Learning Outcome
Champion a product and communicate effectively with other units, partners, and employees.

Title
Working in an interdisciplinary team

Tags
214481, 0, 2, 2023-08-29 12:43:23

Learning Outcome
Demonstrate the ability to work effectively in an interdisciplinary team--working through the phases of product development

Title
Opportunity identification

Tags
214482, 0, 3, 2023-08-29 12:43:24

Learning Outcome
Identify product ideas and develop innovative solutions

Title
Analyze

Tags
214483, 0, 4, 2023-08-29 12:43:26

Learning Outcome
Determine product gaps, design solutions to fill the gaps, coordinate the build and design of products and determine product success

STRAT 477R - Associate Product Management Lab

Course Information

Course Number
477R

Teaching Area
STRAT

Course Title
Associate Product Management Lab

Course Description
Develop and strengthen product management skills through active product management team involvement.

Department
Management

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
3

Learning Outcomes

Title
Product management instruction

Tags
214484, 0, 1, 2023-08-29 12:43:31

Learning Outcome
Learning product management skills from direct involvement on a product management team.

STRAT 488 - Agribusiness Management 1

Course Information

Teaching Area (new)
STRAT

Course Number
488

Teaching Area
STRAT

Course Title
Agribusiness Management 1

Course Description
Concepts, tools, and approaches to understanding competitive forces and the development of sustainable competitive advantage for firms in the food, fiber, and horticulture industries.

Department
Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting
  AND ECON 110 - Economic Principles and Problems
  AND FIN 201 - Principles of Finance

Learning Outcomes

Title
Understand

Tags
176043, 0

Learning Outcome
Understand the concepts and models of strategic management presented in the course.

Title
Communicate

Tags
176052, 5

Learning Outcome
Persuasively communicate analytical conclusions and recommendations in verbal and written form.

Title
Develop

Tags
176082, 2

Learning Outcome
Further develop the personal sense of ethics and integrity that guide decision making in business, community, church, and family relationships.

Title
Apply

Tags
176122, 4

Learning Outcome
Apply the models of strategic management presented in the course to arrive at recommendations that will help organizations achieve and sustain competitive advantage.

Title
Analyze

Tags
176174, 3

Learning Outcome
Analyze the competitive situation facing a firm using the models of strategic management presented in class.

Title
Group Work

Tags
176179, 6

Learning Outcome
Effectively participate in group work.

STRAT 489 - Agribusiness Management 2

Course Information

Teaching Area (new)
STRAT

Course Number
489

Teaching Area
STRAT

Course Title
Agribusiness Management 2

Course Description
Developing and implementing marketing plans and programs for companies participating in the value chain of agribusiness industries.

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting
  AND ECON 110 - Economic Principles and Problems

OR

Prerequisites

Complete ALL of the following Courses:

- ACC 200 - Principles of Accounting
  AND ECON 110 - Economic Principles and Problems
  AND FIN 201 - Principles of Finance

Learning Outcomes

Title
Targeting Markets

Tags
176164, 1

Learning Outcome
Describe how life sciences firms (1) select target markets, (2) specify their marketing mix, and (3) attempt to attract and retain the right customers.

Title
Understanding Tools of Marketing

Tags
176254, 0

Learning Outcome
Understand the fundamental components and tools of marketing and how each relates to creating and sustaining value for customers in life sciences industries.

Title
Market Research

Tags
176255, 2

Learning Outcome
Understand the basics of the market research process.

Title
Current Marketing Techniques

Tags
176256, 3

Learning Outcome
Understand current marketing techniques in life sciences-based industries.

Title
Applying Moral Values

Tags
176257, 4

Learning Outcome
Apply faith-based, moral reasoning and personal integrity in professional life.

Title
Teamwork and Communication

Tags
176258, 5

Learning Outcome
Work effectively within a team and communicate effectively in business environments.

STRAT 490R - Topics in Strategic Management

Course Information

Teaching Area (new)
STRAT

Course Number
490R

Teaching Area
STRAT

Course Title
Topics in Strategic Management

Course Description
Focus on a major topic, issue, or analytical method used in the field of strategy. The specific topics covered will vary year to year.

Department
Management

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
By permission only.

STRAT 560 - Strategy and Economics

Course Information

Teaching Area (new)
STRAT

Course Number
560

Teaching Area
STRAT

Course Title
Strategy and Economics

Course Description
Concepts and tools of strategic management, with an emphasis on the economic tools influencing the success of strategy in the development of sustainable competitive advantage.

Department
Management

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
MAcc or MISM major status.

Learning Outcomes

Title
Effective Communication

Tags
176074, 6

Learning Outcome
Communicate effectively, both orally and in writing, concerning strategy concepts, models, and analyses.

Title
Decision Making

Tags
176147, 4

Learning Outcome
Make appropriate decisions when formulating and implementing strategy.

Title
Strategic Recommendations

Tags
176185, 1

Learning Outcome
Apply analytical models to complex business situations and generate strategic recommendations.

Title
Analyzing Business Environments

Tags
176214, 2

Learning Outcome
Critically analyze the external and internal environments of a business organization and formulate appropriate strategies.

Title
Elements of Strategy

Tags
176313, 0

Learning Outcome
Understand the major elements of strategy and the drivers of competitive advantage.

Title
Problem Solving Skills

Tags
176314, 3

Learning Outcome
Use problem-solving skills to develop hypotheses about the effect of strategic decisions that lead to sensible conclusions.

Title
Team Skills

Tags
176315, 5

Learning Outcome
Use team skills to actively participate in group projects and assume and exercise responsibility in a collaborative mode.

STRAT 585R - Pre-PhD Strategy Seminar

Course Information

Teaching Area (new)
STRAT

Course Number
585R

Teaching Area
STRAT

Course Title
Pre-PhD Strategy Seminar

Course Description
This seminar provides students with an introduction to the theory, methods, and areas of research in strategy, with a goal of helping students prepare to apply to strategy PhD programs. This seminar introduces the philosophy of science and research as applied to the study of strategy. Students will develop an understanding of the methods and theory that are foundational to the study and practice of strategy. \n

Department
Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

SWAHI 100 - Language Study: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
100

Teaching Area
SWAHI

Course Title
Language Study: Swahili

Course Description
Survival-level conversation, reading, listening, and culture skills in Swahili.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197155, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197156, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197157, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

SWAHI 101 - First-Year Language Study: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
101

Teaching Area
SWAHI

Course Title
First-Year Language Study: Swahili

Course Description
Beginning speaking, listening, reading, and writing skills in Swahili.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197158, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197159, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197160, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197161, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SWAHI 102 - First-Year Language Study: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
102

Teaching Area
SWAHI

Course Title
First-Year Language Study: Swahili

Course Description
Second-semester speaking, listening, reading, and writing skills in Swahili.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SWAHI 101 - First-Year Language Study: Swahili

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197151, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197152, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197153, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197154, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

SWAHI 201 - Second-Year Language Study: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
201

Teaching Area
SWAHI

Course Title
Second-Year Language Study: Swahili

Course Description
Intermediate speaking, listening, reading, and writing skills in Swahili.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SWAHI 102 - First-Year Language Study: Swahili

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197147, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197148, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197149, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197150, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

SWAHI 202 - Second-Year Language Study: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
202

Teaching Area
SWAHI

Course Title
Second-Year Language Study: Swahili

Course Description
Continued emphasis on Swahili communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SWAHI 201 - Second-Year Language Study: Swahili

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197143, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197144, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197145, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197146, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SWAHI 305 - Language Skills Development: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
305

Teaching Area
SWAHI

Course Title
Language Skills Development: Swahili

Course Description
Increasing proficiency in one or more of the following Swahili language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197140, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197141, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197142, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

SWAHI 321 - Advanced Grammar: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
321

Teaching Area
SWAHI

Course Title
Advanced Grammar: Swahili

Course Description
Advance your Swahili through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197137, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197138, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197139, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
330

Teaching Area
SWAHI

Course Title
Advanced Language Proficiency Through Cultural Studies: Swahili

Course Description
Study of Swahili culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Swahi 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197127, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197128, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197129, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197130, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

SWAHI 340 - Introduction to Literature: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
340

Teaching Area
SWAHI

Course Title
Introduction to Literature: Swahili

Course Description
Explore Swahili culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
197123, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197124, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197125, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197126, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

SWAHI 350 - Advanced Language Study for Career Purposes: Swahili

Course Information

Teaching Area (new)
SWAHI

Course Number
350

Teaching Area
SWAHI

Course Title
Advanced Language Study for Career Purposes: Swahili

Course Description
Concentration on Swahili language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- SWAHI 330 - Advanced Language Proficiency Through Cultural Studies: Swahili

Learning Outcomes

Title
Defined Career Purposes

Tags
197118, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197119, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197120, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197121, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197122, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

SWED 101 - First-Year Swedish

Course Information

Teaching Area (new)
SWED

Course Number
101

Teaching Area
SWED

Course Title
First-Year Swedish

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Culture

Tags
190239, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Swedish-speaking countries.

Title
Language Learning Strategies

Tags
190293, 3

Learning Outcome
Students will develop comprehension and learning strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Comprehension

Tags
190322, 0

Learning Outcome
Students will comprehend Swedish as they hear and read authentic language relating to familiar topics.

Title
Writing

Tags
190393, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Swedish on familiar topics.

Title
Speaking

Tags
190549, 1

Learning Outcome
Students will be able to speak Swedish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, obtain food and lodging, carry out simple transactions, and talk about a variety of topics of common interest primarily in the present, with limited use of other time frames.)

SWED 102 - First-Year Swedish

Course Information

Teaching Area (new)
SWED

Course Number
102

Teaching Area
SWED

Course Title
First-Year Swedish

Course Description
Basic language skills. Includes International Cinema.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Learning Outcomes

Title
Culture

Tags
190245, 4

Learning Outcome
Students will display appropriate awareness of everyday culture in Swedish-speaking countries.

Title
Speaking

Tags
190264, 1

Learning Outcome
Students will be able to speak Swedish well enough to satisfy immediate needs. (They will learn to communicate in basic social situations, meet routine travel needs, carry out simple transactions, and talk about a variety of topics of common interest in present, past, and future times.)

Title
Language Learning Outcomes

Tags
190409, 3

Learning Outcome
Students will develop strategies to help them derive meaning from a wide variety of authentic language texts.

Title
Comprehension

Tags
190525, 0

Learning Outcome
Students will be able to comprehend Swedish as they hear and read authentic language relating to familiar topics.

Title
Writing

Tags
190579, 2

Learning Outcome
Students will be able to write short messages and well-articulated sentences in Swedish on familiar topics.

SWED 201 - Second-Year Swedish

Course Information

Teaching Area (new)
SWED

Course Number
201

Teaching Area
SWED

Course Title
Second-Year Swedish

Course Description
Conversation, vocabulary building, and reading and writing skills, emphasizing reading. Includes International Cinema.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Other Prerequisites
Swed 102 or equivalent experience

Learning Outcomes

Title
Opinions

Tags
190226, 3

Learning Outcome
Students will be able to begin expressing and supporting opinions about familiar topics.

Title
Conversation

Tags
190363, 2

Learning Outcome
Students will be able to participate actively in conversations about Swedish-speaking countries, concrete topics, and current events.

Title
Comprehension

Tags
190394, 0

Learning Outcome
Students will be able to comprehend Swedish as they hear and read authentic language relating to familiar topics with strategies to even derive meaning out of less familiar topics.

Title
Speaking and Writing

Tags
190575, 1

Learning Outcome
Students will be able to speak and write Swedish well enough to satisfy immediate needs. (Students will learn to communicate in social situations asking and answering questions, carrying out transactions, and talking about a variety of topics of common interest in present, past, and future times.)

SWED 202 - Second Year Swedish

Course Information

Teaching Area (new)
SWED

Course Number
202

Teaching Area
SWED

Course Title
Second Year Swedish

Course Description
Emphasis on literature and culture with continued writing, grammar, listening, and speaking. Includes International Cinema.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1.5

Note
Culminating course for GE Foreign Language requirement (except for returned missionaries or those with equivalent experience).

Learning Outcomes

Title
Speaking and Writing

Tags
190261, 3

Learning Outcome
Students will improve their reading and writing skills in Swedish by beginning to communicate in connected and extended discourse, expressing and supporting opinion, and navigating less-familiar topics and situations.

Title
Comprehension

Tags
190344, 2

Learning Outcome
Students will be able to comprehend Swedish as they hear and read authentic language relating to familiar and less familiar topics.

Title
Cultural Literacy

Tags
190533, 4

Learning Outcome
Students will display an informed awareness of contemporary and historical culture in Sweden and reflect thoughtfully upon their own native culture. They will use their cultural knowledge to use appropriate linguistic choices in their communication in Swedish.

Title
Literature and Cultural History

Tags
190554, 1

Learning Outcome
Students will be able to identify and define key characteristics of the important moments in Swedish cultural history and place significant works in a meaningful cultural and historical context using the basic tools of literary analysis.

Title
Swedish Culture

Tags
191526, 7

Learning Outcome
Students will broaden and deepen their perception and appreciation of /Swedish culture.

SWED 211R - Second-Year Conversation

Course Information

Teaching Area (new)
SWED

Course Number
211R

Teaching Area
SWED

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Swed 102 or equivalent experience

Learning Outcomes

Title
Vocabulary

Tags
190295, 3

Learning Outcome
Students will speak in a way so as to be understood most of the time without difficulty by native speakers unaccustomed to dealing with non-native speakers.

Title
Opinions

Tags
190342, 1

Learning Outcome
Students will be able to speak about autobiographical and concrete topics, initiate and maintain conversations by asking and responding to questions, and cope with gaps in knowledge.

Title
Fluency

Tags
190541, 2

Learning Outcome
Students will be able to use an appropriate variety of vocabulary related to autobiographical and concrete topics.

Title
Description and Narration

Tags
190591, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

SWED 311R - Third-Year Conversation

Course Information

Teaching Area (new)
SWED

Course Number
311R

Teaching Area
SWED

Course Title
Third-Year Conversation

Course Description
Advanced conversational skills.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Other Prerequisites
Swed 211R or equivalent experience

Learning Outcomes

Title
Vocabulary

Tags
190290, 3

Learning Outcome
Students will be able to speak using an appropriate variety of vocabulary related to autobiographical and concrete topics as well as to current and other events.

Title
Fluency

Tags
190351, 2

Learning Outcome
Students will be able to initiate and maintain fluent conversations and cope with gaps in knowledge in contexts related to concrete topics.

Title
Opinions

Tags
190461, 1

Learning Outcome
Students will be able to relate current events, plots of books or movies, and state opinion.

Title
Description and Narration

Tags
190506, 0

Learning Outcome
Students will be able to describe and narrate in present, past and future times in the context of paragraph-level speech about autobiographical and concrete topics.

Title
Pronunciation

Tags
190519, 4

Learning Outcome
Students will speak in a way so as to be understood without difficulty by speakers unaccustomed to dealing with non-native speakers.

SWED 330 - Advanced Language Proficiency Through Cultural Studies: Swedish

Course Information

Teaching Area (new)
SWED

Course Number
330

Teaching Area
SWED

Course Title
Advanced Language Proficiency Through Cultural Studies: Swedish

Course Description
Study of Swedish culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Swed 202 or equivalent experience.

Note
Required course for obtaining language credit by examination. This course replaces the former 321 course; students who have taken 321 may not take 330.

Learning Outcomes

Title
Critical Thinking

Tags
190608, 1

Learning Outcome
Students will demonstrate critical thinking skills through literary analysis, debate, dealing with unanticipated complications in conversation, forming and supporting opinions, and presenting on topics of general interest.

Title
Culture

Tags
190609, 2

Learning Outcome
Students will explain how common cultural products and practices relate to cultural perspectives. They will interact with cultural competence in familiar and some unfamiliar contexts.

Title
Reading and Listening

Tags
190610, 4

Learning Outcome
Students will demonstrate reading and listening comprehension of Advanced level texts such as narrative, descriptive, and explanatory texts. They will demonstrate a broad vocabulary regarding concrete, general interest topics such as education, work, government, and topics in the news.

Title
Writing and Speaking

Tags
190615, 3

Learning Outcome
Students will write and speak using cohesive paragraphs on topics of personal and general interest. Students will demonstrate control of frequently used structures and will write and speak with Advanced level accuracy.

SWED 340 - Swedish Literature

Course Information

Teaching Area (new)
SWED

Course Number
340

Teaching Area
SWED

Course Title
Swedish Literature

Course Description
Readings in Swedish literature: introduction to basic literary concepts. Includes International Cinema.

Department
Language Studies

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0.5

Recommended
Swed 321 or equivalent experience

Note
Culminating course for GE Foreign Language requirement.

Learning Outcomes

Title
Analytic and Writing Skills

Tags
190401, 1

Learning Outcome
Students should be able to insightfully analyze important literary and artistic works from Swedish cultural history and be able to communicate this analysis through articulate and well-organized written and oral presentations in Swedish. Students will also develop basic research skills.

Title
Cultural Literacy

Tags
190553, 2

Learning Outcome
Students will be able to relate the ideas and issues raised by the works studied in class to their own cultural situation as well as to their experience with contemporary Swedish culture. They will reflect upon and develop an appreciation for the expression of ideas that make up Swedish cultural history and even value the expression of perspectives and opinions they do not necessarily share.

Title
Life-Long Learning

Tags
191527, 6

Learning Outcome
Students should better know how to understand, interpret, and thoughtfully reflect upon the literature and art they will encounter in later life.

Title
Swedish Culture

Tags
191528, 4

Learning Outcome
Students should understand key historical trends and works from Swedish culture, recognize connections between these works, and be able to relate them to the development of contemporary cultural developments.

SWED 399R - Academic Internship

Course Information

Teaching Area (new)
SWED

Course Number
399R

Teaching Area
SWED

Course Title
Academic Internship

Course Description
On-the-job experience in Swedish.

Department
Comparative Arts and Letters

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
Department's consent

Learning Outcomes

Title
Professional Experience

Tags
190627, 1

Learning Outcome
Improve professional experience and appreciation of cultural practices in an international context.

SWELL 101R - Student Wellness Activities

Course Information

Teaching Area (new)
SWELL

Course Number
101R

Teaching Area
SWELL

Course Title
Student Wellness Activities

Course Description
Student Wellness Activities is a variable section of SWELL classes that will be taught on an as-needed basis to include activities not usually taught by Student Wellness. Specific information on the course taught in any given semester or term will be found in course header.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Learning Outcomes

Title
Barre

Tags
210351, 0, 1

Learning Outcome

Students will be able to apply biomechanical body awareness principles to create body harmony that is both safe and effective through Barre workouts that increase their agility, strength, and flexibility.
Students will be able to explain the techniques and principles of Barre.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Handball

Tags
210352, 0, 2

Learning Outcome

Students will be able to implement proper form and technique on serves, offensive shots, defensive shots, offensive and defensive strategies, and drills in handball.
Students will be able to explain the techniques, strategies, rules, and scoring of handball.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Bicycling Basics

Tags
211781, 0, 6

Learning Outcome

Students will be able to apply knowledge of hand signaling, scanning, placement in traffic, and using gears while riding bicycles in urban settings.
Students will be able to repack and service bearing systems in wheels, headsets, and bottom brackets.
Students will be able to true a wheel, fix flats, service brakes and shifters, and replace chains.
Students will be able to explain the techniques and principles of bicycling basics.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Ultimate Frisbee

Tags
210422, 0, 3

Learning Outcome

Students will be able to perform proper throwing, catching, and cutting techniques.
Students will be able to execute a variety of offensive and defensive schemes appropriate to game circumstances.
Students will be able to explain the techniques, strategies, rules, and scoring of ultimate frisbee.
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 102 - Meditation

Course Information

Teaching Area (new)
SWELL

Course Number
102

Teaching Area
SWELL

Course Title
Meditation

Course Description
Learn and apply methods of meditation to quiet the mind.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210355, 0, 1

Learning Outcome
Students will be able to apply principles and implement techniques of mindfulness and meditation to quiet the mind and bring focus to everyday life.

Title
Explain

Tags
210356, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of mindfulness and meditation.

Title
Lifelong Wellness

Tags
210357, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 103 - STRONG Nation

Course Information

Teaching Area (new)
SWELL

Course Number
103

Teaching Area
SWELL

Course Title
STRONG Nation

Course Description
STRONG Nation is a High Intensity Interval (HIIT) exercise program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at http://studentwellness.byu.edu/physical/activitycourses.

SWELL 104 - Cardio Fitness

Course Information

Teaching Area (new)
SWELL

Course Number
104

Teaching Area
SWELL

Course Title
Cardio Fitness

Course Description
Cardio Fitness is an individualized dynamic fitness program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 105 - Pickleball

Course Information

Teaching Area (new)
SWELL

Course Number
105

Teaching Area
SWELL

Course Title
Pickleball

Course Description
Beginning skills and strategies of pickleball. Rules, strategies, and scoring in pickleball are taught along with the proper technique for executing a variety of shots.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210426, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210424, 0, 1

Learning Outcome
Students will be able to perform a variety of pickleball shots and apply appropriate strategies in game play.

Title
Explain

Tags
210425, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of pickleball.

SWELL 106 - Badminton

Course Information

Teaching Area (new)
SWELL

Course Number
106

Teaching Area
SWELL

Course Title
Badminton

Course Description
Skills and strategies of badminton. Rules, strategies, and scoring in badminton are taught along with the following skills: clear, smash, grip, drive, and drop shots; low, high, drive, and flick serves.

Department
Student Wellness

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 107 - Pilates

Course Information

Teaching Area (new)
SWELL

Course Number
107

Teaching Area
SWELL

Course Title
Pilates

Course Description
Pilates strengthens and tones muscles, improves posture, provides flexibility and balance, unites body and mind, and enables a sense of mental control.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210369, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210367, 0, 1

Learning Outcome
Students will be able to do safe and effective Pilates workouts for total body fitness and improve flexibility, strength, and balance.

Title
Explain

Tags
210368, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of pilates.

SWELL 108 - Zumba

Course Information

Teaching Area (new)
SWELL

Course Number
108

Teaching Area
SWELL

Course Title
Zumba

Course Description
Zumba Fitness is a dance exercise program designed to bring about an increase in total body fitness for participants of all levels of condition, ability, and needs.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210370, 0, 1

Learning Outcome
Students will be able to perform a variety of Latin, international, and folk dance movements adapted for the purpose of exercise.

Title
Explain

Tags
210371, 0, 2

Learning Outcome
Students will be able to explain Zumba techniques and principles.

Title
Lifelong Wellness

Tags
210372, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 109 - Yoga

Course Information

Teaching Area (new)
SWELL

Course Number
109

Teaching Area
SWELL

Course Title
Yoga

Course Description
Yoga teaches how to exercise and/or meditate in order to unify the mind, body and spirit, feeling quiet in your mind, strong and energized in your body, and peaceful in your spirit.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210375, 0, 4

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Explain

Tags
210374, 0, 3

Learning Outcome
Students will be able to explain the techniques and principles of yoga.

Title
Apply

Tags
210373, 0, 1

Learning Outcome

Students will be able to apply basic yoga sequencing and alignment. Students will be able to develop yoga knowledge and skills that support and honor their bodies.

SWELL 110 - Indoor Cycling

Course Information

Teaching Area (new)
SWELL

Course Number
110

Teaching Area
SWELL

Course Title
Indoor Cycling

Course Description
Students in the class will be guided through weekly cycling exercise sessions to improve their cardiovascular fitness and aerobic endurance as well as increase their leg muscle strength and power.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210376, 0, 1

Learning Outcome

Students will be able to implement proper bicycle positioning, skills, and techniques to provide comfort, safety, and efficiency while cycling. Students will be able to apply basic principles of endurance training designed to develop muscular endurance, strength, and power.

Title
Explain

Tags
210377, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of indoor cycling.

Title
Lifelong Wellness

Tags
210378, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 111 - Basketball, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
111

Teaching Area
SWELL

Course Title
Basketball, Beginning

Course Description
Beginning skills, rules, and strategies of basketball. Rules and scoring, ball handling, passing, lay-up shooting, jumpshots, free throw shooting, defensive strategies (zone/man), and offensive strategies (zone/man).

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210381, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210379, 0, 1

Learning Outcome
Students will be able to perform fundamental basketball skills.

Title
Explain

Tags
210380, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of basketball.

SWELL 112 - Basketball, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
112

Teaching Area
SWELL

Course Title
Basketball, Intermediate

Course Description
Intermediate skills, rules, and strategies of basketball. Rules and scoring, ball handling, passing (chest/bounce), lay-up shooting, jumpshots, free throw shooting, defensive strategies (zone/man), and offensive strategies (zone/man).

Department
Student Wellness

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 111 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210382, 0, 1

Learning Outcome
Students will be able to apply intermediate basketball skills.

Title
Explain

Tags
210383, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of basketball.

Title
Lifelong Wellness

Tags
210384, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 113 - Ultimate Frisbee

Course Information

Course Number
113

Teaching Area
SWELL

Course Title
Ultimate Frisbee

Course Description
Beginning skills and strategies of ultimate, including throwing, catching, cutting, footwork, various defensive and offensive designs, as well as a survey of the rules and regulations of the
game.

Department
Student Wellness

When Taught
Fall, Winter, Spring

Credit Hours

Fixed/Max:
0.5

Lab Hours

Fixed:
2

Learning Outcomes

Tags
214485, 0, 1, 2023-08-29 12:47:10

Learning Outcome
Student will be able to learn and improve, techniques and competences in the sport of Ultimate Frisbee.

SWELL 114 - Barre

Course Information

Course Number
114

Teaching Area
SWELL

Course Title
Barre

Course Description
Barre is a high-energy program focusing on strength, flexibility, stamina and dynamic
stability. It is full body sculpting using the ballet barre and small, isometric, concentrated movement—paying
particular attention to correct biomechanics of movement.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Learning Outcomes

Title
SWELL 114

Learning Outcome
1. Students will be able to apply biomechanical body awareness principles to create body harmony that is both safe and effective through Barre workouts that increase their agility, strength, and flexibility. 2. Students will be able to explain the techniques and principles of Barre. 3. Students will value and be able to apply general principles of fitness and well-being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 115 - Recess and Lawn Games

Course Information

Course Number
115

Teaching Area
SWELL

Course Title
Recess and Lawn Games

Course Description
Beginning skills, strategies, rules, and regulations of various recess and lawn games
such as Spikeball, Cornhole, Wallyball, Kickball, Four Square and more.

Department
Student Wellness

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Learning Outcomes

Learning Outcome
1. Students will be able to apply principles of teamwork to increase comradery. 2. Students will be able to explain the techniques, strategies, rules, and scoring of various activities. 3. Students will value and be able to apply general principles of fitness and well-being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 116 - Bowling, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
116

Teaching Area
SWELL

Course Title
Bowling, Beginning

Course Description
Beginning skills, rules, and scoring of bowling. Equipment, rules/scoring, grip/setup, approach/arm swing, strike targeting, straight ball, hook ball, and spare targeting.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
85

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210387, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210385, 0, 1

Learning Outcome
Students will be able to perform fundamental bowling skills.

Title
Explain

Tags
210386, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of bowling.

SWELL 117 - Bowling, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
117

Teaching Area
SWELL

Course Title
Bowling, Intermediate

Course Description
Demonstrate competence in the intermediate skills of bowling through class drills, practice, and competition. Demonstrate an understanding of the rules, vocabulary, strategies, and scoring in bowling by passing a written exam. Identify in a written exam the benefits of bowling as a physical activity and a source of life-long enjoyment.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
STAC 116 or equivalent experience.

Fee
85

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Skills

Tags
214486, 0, 1, 2023-08-29 12:47:20

Learning Outcome
Students will be able to apply intermediate bowling skills.

Title
Rules, vocabulary, and strategies

Tags
214487, 0, 2, 2023-08-29 12:47:23

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of bowling.

Title
Benefits of bowling

Tags
214488, 0, 3, 2023-08-29 12:47:26

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 120 - Indoor Rock Climbing

Course Information

Teaching Area (new)
SWELL

Course Number
120

Teaching Area
SWELL

Course Title
Indoor Rock Climbing

Course Description
Basic climbing skills; including the figure eight knot, belaying, proper climbing techniques, movement skills, and bouldering.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
120

Learning Outcomes

Title
Lifelong Wellness

Tags
210393, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Explain

Tags
210392, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of rock climbing.

Title
Apply

Tags
210391, 0, 1

Learning Outcome

Students will be able to perform basic sport-climbing, bouldering, and belaying techniques.
Students will be able to appropriately apply climbing and belaying safety principles.

SWELL 121 - Diving, Springboard

Course Information

Teaching Area (new)
SWELL

Course Number
121

Teaching Area
SWELL

Course Title
Diving, Springboard

Course Description
Beginning diving. Springboard approach and take-off (inward, reverse, backs, forward), somersaults (inward, reverse, back, forward), twists (forward, back).

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210470, 0, 1

Learning Outcome
Students will be able to perform various dives from different groups off of the 1-meter springboard applying the fundamentals of diving.

Title
Explain

Tags
210471, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of diving.

Title
Lifelong Wellness

Tags
210472, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 125 - Functional Fitness

Course Information

Teaching Area (new)
SWELL

Course Number
125

Teaching Area
SWELL

Course Title
Functional Fitness

Course Description
Establish the basis for lifelong fitness and long-term flexibility through corrective exercise as it relates to long-term flexibility training and fundamental pattern re-education. The focus will be on fundamental movement pattern training as it relates to functional fitness and improvements to motor competency and increased flexibility.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210394, 0, 1

Learning Outcome
Students will be able to apply flexibility, muscle coordination, and core stability while performing workouts designed to prepare the body to meet daily demands and prevent injury.

Title
Explain

Tags
210395, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of functional fitness.

Title
Lifelong Wellness

Tags
210396, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 131 - Golf, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
131

Teaching Area
SWELL

Course Title
Golf, Beginning

Course Description
Beginning skills, rules strategies and scoring of golf. Rules/definitions, grip, stance/posture, aiming/alignment, chipping, ptiching, putting, full swing, sand play, playing the course.

Department
Student Wellness

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210427, 0, 1

Learning Outcome
Students will be able to perform fundamental golf skills.

Title
Explain

Tags
210428, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of golf.

Title
Lifelong Wellness

Tags
210429, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 132 - Golf, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
132

Teaching Area
SWELL

Course Title
Golf, Intermediate

Course Description
Previous experience with and understanding of technical aspects of golf beyond occasional recreational playing with family or friends (e.g. playing on a high school or community golf team).

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 131 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210432, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210430, 0, 1

Learning Outcome
Students will be able to apply intermediate golf skills.

Title
Explain

Tags
210431, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of golf.

SWELL 136 - Gymnastics, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
136

Teaching Area
SWELL

Course Title
Gymnastics, Beginning

Course Description
Beginning gymnastics. Men and women: floor, vault, trampoline. Men: Rings, parallel bars, horizontal bar, and mushroom. Women: Uneven parallel bars and beam. Focus will be on fundamental skills and their proper execution.

Department
Student Wellness

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210397, 0, 1

Learning Outcome
Students will be able to implement strength and flexibility in performing gymnastics workouts and elementary skills on each apparatus.

Title
Explain

Tags
210398, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of gymnastics.

Title
Lifelong Wellness

Tags
210399, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 137 - Walking

Course Information

Course Number
137

Teaching Area
SWELL

Course Title
Walking

Course Description
Beginning introduction to principles of exercise and nutrition, safety, and principles
of walking. Students will go on a variety of walks around and starting from BYU campus.

Department
Student Wellness

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Learning Outcomes

Learning Outcome
Students will be able to apply correct walking mechanics and nutritional principles to avoid overtraining and injury. 2. Students will be able to explain the techniques, benefits, and principles of walking. 3. Students will value and be able to apply general principles of fitness and well-being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 138 - Hiking

Course Information

Course Number
138

Teaching Area
SWELL

Course Title
Hiking

Course Description
Beginning introduction to principles of exercise and nutrition, safety, and principles
of hiking. Students will go on a variety of hikes within Utah County.

Department
Student Wellness

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0.5

Learning Outcomes

Learning Outcome
Students will be able to apply correct hiking mechanics and nutritional principles to avoid overtraining and injury. 2. Students will be able to explain the techniques and principles of hiking. 3. Students will value and be able to apply general principles of fitness and well-being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 139 - Running

Course Information

Teaching Area (new)
SWELL

Course Number
139

Teaching Area
SWELL

Course Title
Running

Course Description
Beginning introduction to principles of exercise and nutrition, training laws, principles and theory, and running mechanics.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210435, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210433, 0, 1

Learning Outcome
Students will be able to apply correct running mechanics, nutritional principles, and specific physiological and biomechanical testing to avoid overtraining and injury while running.

Title
Explain

Tags
210434, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of running.

SWELL 141 - Martial Arts

Course Information

Teaching Area (new)
SWELL

Course Number
141

Teaching Area
SWELL

Course Title
Martial Arts

Course Description
Hybrid martial art class based primarily in Jui-Jitsu. Show and explain proper etiquette expected in martial arts, perform basic grappling control tactices, and participate in grappling martial art competition.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210400, 0, 1

Learning Outcome
Students will be able to perform basic martial art skills to assist with general coordination and to encourage development of a new life skill.

Title
Explain

Tags
210401, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of martial arts.

Title
Lifelong Wellness

Tags
210402, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 146 - Racquetball, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
146

Teaching Area
SWELL

Course Title
Racquetball, Beginning

Course Description
Beginning skills, rules, and etiquette of singles, doubles, and cut-throat racquetball. Skills include serves, offensive and defensive shots, offensive and defensive strategies, drills.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210405, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210403, 0, 1

Learning Outcome
Students will be able to perform the fundamental skills of racquetball in game play.

Title
Explain

Tags
210404, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of racquetball.

SWELL 147 - Racquetball, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
147

Teaching Area
SWELL

Course Title
Racquetball, Intermediate

Course Description
Intermediate skills, rules, and etiquette of singles, doubles, and cut-throat racquetball.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Explain

Tags
210407, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of racquetball.

Title
Apply

Tags
210406, 0, 1

Learning Outcome
Students will be able to apply intermediate racquetball skills in game play.

Title
Lifelong Wellness

Tags
210408, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 150 - Ice Skating, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
150

Teaching Area
SWELL

Course Title
Ice Skating, Beginning

Course Description
Developing figure skating skills.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
60

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 151 - Ice Hockey, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
151

Teaching Area
SWELL

Course Title
Ice Hockey, Beginning

Course Description
Basic power skates, puck and stick handling, and game strategies.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
75

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 152 - Ice Skating, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
152

Teaching Area
SWELL

Course Title
Ice Skating, Intermediate

Course Description
Developing intermediate ice skating skills.

Department
Student Wellness

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 150 or equivalent.

Fee
60

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 153 - Ice Hockey, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
153

Teaching Area
SWELL

Course Title
Ice Hockey, Intermediate

Course Description
Developing intermediate ice hockey skills.

Department
Student Wellness

When Taught
Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 151 or equivalent.

Fee
75

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 155 - Self-Defense

Course Information

Teaching Area (new)
SWELL

Course Number
155

Teaching Area
SWELL

Course Title
Self-Defense

Course Description
Fundamental principles, skills, and techniques.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
35

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210411, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210409, 0, 1

Learning Outcome
Students will be able to perform essential skills and strategies to recognize vulnerabilities and will be able to make a plan to limit those vulnerabilities.

Title
Explain

Tags
210410, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of self defense.

SWELL 156 - Soccer, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
156

Teaching Area
SWELL

Course Title
Soccer, Beginning

Course Description
Beginning skills, strategies, and rules of soccer. Basic skills of dribbling, trapping, passing, shooting, throw-in, goalkeeping, offense and defense strategies, scoring and rules of the game.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210436, 0, 1

Learning Outcome
Students will be able to perform fundamental soccer skills.

Title
Explain

Tags
210437, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of soccer.

Title
Lifelong Wellness

Tags
210438, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 157 - Soccer, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
157

Teaching Area
SWELL

Course Title
Soccer, Intermediate

Course Description
Intermediate skills, strategies, and rules of soccer. Dribbling, trapping, passing, shooting, goalkeeping, heading, give-n-go, support, through balls, and back passing. Rules and regulations (at all levels; zone, man to man, and high vs. low defense; flank offense (MLS and English style), offensive formations.

Department
Student Wellness

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 156 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210441, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210439, 0, 1

Learning Outcome
Students will be able to apply intermediate soccer skills.

Title
Explain

Tags
210440, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of soccer.

SWELL 161 - Skiing

Course Information

Teaching Area (new)
SWELL

Course Number
161

Teaching Area
SWELL

Course Title
Skiing

Course Description
Beginning and intermediate skiing skills will be taught, such as stance and balance, rotary, edge control and pressure control movements, mountain awareness, and equipment.

Department
Student Wellness

When Taught
Winter Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
Variable

Note
Sections formed on basis of ability. Students responsible for following costs: bus transportation, ski equipment, lift fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210461, 0, 1

Learning Outcome
Students will be able to implement skiing skills sufficient to enjoy participation in skiing as a lifelong physical activity.

Title
Lifelong Wellness

Tags
210463, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 162 - Snowboarding

Course Information

Teaching Area (new)
SWELL

Course Number
162

Teaching Area
SWELL

Course Title
Snowboarding

Course Description
Both beginning and intermediate level snowboarding skills will be taught such as stance and balance, rotary, edge control and pressure control movements, mountain awareness, and equipment.

Department
Student Wellness

When Taught
Winter Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
Variable

Note
Sections formed on basis of ability. Students responsible for following costs: bus transportation, ski equipment, lift fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210466, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210464, 0, 1

Learning Outcome
Students will be able to implement snowboarding skills sufficient to enjoy participation in snowboarding as a lifelong physical activity.

SWELL 164 - Skiing, Cross-Country

Course Information

Teaching Area (new)
SWELL

Course Number
164

Teaching Area
SWELL

Course Title
Skiing, Cross-Country

Course Description
Beginning skills of cross country skiing in both classic and skating disiplines. Knowledge of skiing safety and equipment.

Department
Student Wellness

When Taught
Winter Term 1.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
Variable

Note
Students responsible for following costs: bus transportation, ski equipment, trail fees. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210467, 0, 1

Learning Outcome
Students will be able to perform the basic skills of cross country skiing in classic and skating disciplines.

Title
Lifelong Wellness

Tags
210469, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 170 - Swimming for Nonswimmers

Course Information

Teaching Area (new)
SWELL

Course Number
170

Teaching Area
SWELL

Course Title
Swimming for Nonswimmers

Course Description
Beginning swimming for those with limited or no swimming skills. Correct performance of basic swimming skills such as front and back float, front and back streamline glide, treading water, freestyle, and elementary backstroke.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210473, 0, 1

Learning Outcome
Students will be able to perform proper form and technique in the following basic swimming strokes and techniques: front and back float, front and back glide, freestyle, backstroke, and elementary backstroke.

Title
Explain

Tags
210474, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of swimming.

Title
Lifelong Wellness

Tags
210475, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 171 - Swimming, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
171

Teaching Area
SWELL

Course Title
Swimming, Beginning

Course Description
Beginning techniques of swimming, basic swimming skills and standard swimming strokes. Form and technique in freestyle, backstroke, breaststroke, front and back float, treading water, continuous kick, underwater swimming, flip turns, surface dives, and open turns.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210478, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Explain

Tags
210477, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of swimming.

Title
Apply

Tags
210476, 0, 1

Learning Outcome

Students will be able to perform proper form and technique in the standard swimming strokes (freestyle, backstroke, and breaststroke).
Students will able to perform at a beginning swimming fitness level (500 yard swim).

SWELL 172 - Swimming, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
172

Teaching Area
SWELL

Course Title
Swimming, Intermediate

Course Description
Intermediate-level instruction in all four competitive strokes, front and back float, front and back dolphin kick off walls, surface dives, underwater swimming, and open turns.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 171 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210479, 0, 1

Learning Outcome

Students will be able to perform proper form and technique in all competitive strokes.
Students will able to perform at a beginning swimming fitness level (650 yard swim).

Title
Explain

Tags
210480, 0, 2

Learning Outcome
Students will be able to explain the techniques and principles of swimming.

Title
Lifelong Wellness

Tags
210481, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 174 - Water Polo

Course Information

Teaching Area (new)
SWELL

Course Number
174

Teaching Area
SWELL

Course Title
Water Polo

Course Description
Course will focus on the techniques of water polo including rules, treading, and game play.

Department
Student Wellness

When Taught
Fall; Winter.

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
Students must be able to tread water for two minutes without use of hands and do a 300 yard continuous swim (free style) without pause or stop.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210484, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210482, 0, 1

Learning Outcome

Students will be able to perform proper form and technique in standard water polo skills (passing, treading, and shooting).
Students will able to perform at a beginning swimming fitness level (500 yard swim).

Title
Explain

Tags
210483, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of water polo.

SWELL 175 - Scuba Diving, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
175

Teaching Area
SWELL

Course Title
Scuba Diving, Beginning

Course Description
Developing scuba diving skills. Open Water Diver Certification upon successful completion.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Fee
400

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 176 - Scuba Diving, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
176

Teaching Area
SWELL

Course Title
Scuba Diving, Intermediate

Course Description
This class focuses on specialty techniques of SCUBA diving for divers who are already open water certified. The class is taught by Dive Utah (diveutah@diveutah.com).

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
StAc 175 or equivalent.

Fee
265

Note
Taught off campus. Fee. Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 179 - Aqua Fitness

Course Information

Teaching Area (new)
SWELL

Course Number
179

Teaching Area
SWELL

Course Title
Aqua Fitness

Course Description
Exercise workout in water emphasizing flexibility, strength, and endurance.

Department
Student Wellness

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
For nonswimmers and swimmers. Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Water exercises

Tags
214489, 0, 1, 2023-08-29 12:48:46

Learning Outcome
Demonstrate an understanding of a variety of exercises in the water, including cardiovascular, muscle strengthening, and toning by showing an exercise routine to the class.

Title
Aerobics fitness

Tags
214490, 0, 2, 2023-08-29 12:48:52

Learning Outcome
Demonstrate an appropriate level of aerobics fitness and an understanding of basic water aerobic principles by passing a written exam.

SWELL 181 - Tennis, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
181

Teaching Area
SWELL

Course Title
Tennis, Beginning

Course Description
Beginning tennis strokes, etiquette, scoring, and strategies. Skills include ground strokes, smashes, serves, volleys, overhead and lobs.

Department
Student Wellness

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210444, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210442, 0, 1

Learning Outcome
Students will be able to perform fundamental tennis skills.

Title
Explain

Tags
210443, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of tennis.

SWELL 182 - Tennis, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
182

Teaching Area
SWELL

Course Title
Tennis, Intermediate

Course Description
Intermediate-level tennis strokes, etiquette, scoring, and strategies. Skills include ground strokes, serves, volleys, overheads, return of serve, half-volley, lobs, singles and doubles.

Department
Student Wellness

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
STAC 181 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Explain

Tags
210446, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of tennis.

Title
Apply

Tags
210445, 0, 1

Learning Outcome
Students will be able to apply intermediate tennis skills.

Title
Lifelong Wellness

Tags
210447, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 186 - Volleyball, Beginning

Course Information

Teaching Area (new)
SWELL

Course Number
186

Teaching Area
SWELL

Course Title
Volleyball, Beginning

Course Description
Beginning volleyball skills, rules, and strategies. Skills include underhand and overhand serves, forearm passing, setting, attacking, blocking, serve reception techniques, 6-6 and 4-2 offense and 4-2 defense strategies, scoring.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Apply

Tags
210412, 0, 1

Learning Outcome
Students will be able to perform fundamental volleyball skills.

Title
Explain

Tags
210413, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of volleyball.

Title
Lifelong Wellness

Tags
210414, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

SWELL 187 - Volleyball, Intermediate

Course Information

Teaching Area (new)
SWELL

Course Number
187

Teaching Area
SWELL

Course Title
Volleyball, Intermediate

Course Description
Intermediate volleyball skills, rules, and strategies. Skills include floater and top spin serves, forearm passing, setting, back setting, strong side and seak side attacking, blocking serve reception techniques, 6-6 and 6-2 offenses, and 4-2 defensive strategies.

Department
Student Wellness

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Other Prerequisites
StAc 186 or equivalent.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Lifelong Wellness

Tags
210418, 0, 3

Learning Outcome
Students will value and be able to apply general principles of fitness and well being that will encourage lifelong wellness and assist in the active pursuit of their best selves.

Title
Apply

Tags
210415, 0, 1

Learning Outcome
Students will be able to apply intermediate volleyball skills.

Title
Explain

Tags
210417, 0, 2

Learning Outcome
Students will be able to explain the techniques, strategies, rules, and scoring of volleyball.

SWELL 191 - Weight Training

Course Information

Teaching Area (new)
SWELL

Course Number
191

Teaching Area
SWELL

Course Title
Weight Training

Course Description
Weight training concepts and strategies. Specific exercises for a personalized strength training program including safety, fundamental skills, training considerations and general techniques for all lifts.

Department
Student Wellness

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
2

Note
Course information and outline are found at https://studentwellness.byu.edu/. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

SWELL 277 - Techniques of Lifeguarding

Course Information

Teaching Area (new)
SWELL

Course Number
277

Teaching Area
SWELL

Course Title
Techniques of Lifeguarding

Course Description
First-aid and lifeguard skills training, including instruction in CPR, and American Red Cross certification for lifeguard training.

Department
Student Wellness

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
Swim competency test (given first day of class).

Note
Course information and outline are found at https://studentwellness.byu.edu/.

SWELL 278 - Water Safety Instructor Training

Course Information

Teaching Area (new)
SWELL

Course Number
278

Teaching Area
SWELL

Course Title
Water Safety Instructor Training

Course Description
Leads to American Red Cross WSI certification. Swimming teaching methods that include teaching swimming to special needs students.

Department
Student Wellness

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
3

Other Prerequisites
ARC Swimmer--level competency.

Note
Course information and outline are found at https://studentwellness.byu.edu/.

Learning Outcomes

Title
Preparing courses

Tags
206305, 1

Learning Outcome
Demonstrate how to plan and organize courses using block and lesson plans.

Title
Certification

Tags
206341, 0

Learning Outcome
Acquire American Red Cross certification to teach swimming and water safety courses.

Title
Teaching courses

Tags
206389, 2

Learning Outcome
Practice teaching techniques and demonstrating required skills.

T ED 589R - Mathematics for Teaching K-8: Numbers and Operations

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Numbers and Operations

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Teaching K-8

Tags
178942, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

T ED 589R - Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Rational Numbers and Proportional Reasoning

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
instructional strategies

Tags
178718, 0

Learning Outcome
Candidates will explore specific topics in education under the direction of a specific instructor.

T ED 589R - Mathematics for Teaching K-8: Assessment and Intervention

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Assessment and Intervention

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Teaching K-8

Tags
178939, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

T ED 589R - Mathematics for Teaching K-8: Data Analysis and Problem Solving

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Data Analysis and Problem Solving

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Teaching K-8

Tags
178940, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

T ED 589R - Mathematics for Teaching K-8: Geometry and Measurement

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Geometry and Measurement

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Teaching K-8

Tags
178941, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

T ED 589R - Special Topics in Education

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Special Topics in Education

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Special Topics in Education

Tags
178937, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

T ED 589R - Mathematics for Teaching K-8: Algebra Reasoning

Course Information

Teaching Area (new)
T ED

Course Number
589R

Teaching Area
T ED

Course Title
Mathematics for Teaching K-8: Algebra Reasoning

Department
Teacher Education

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Math Teaching K-8

Tags
178938, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TAGAL 100 - Language Study: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
100

Teaching Area
TAGAL

Course Title
Language Study: Filipino, Tagalog

Course Description
Survival-level conversation, reading, listening, and culture skills in Tagalog.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
197115, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
197116, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
197117, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TAGAL 101 - First-Year Language Study: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
101

Teaching Area
TAGAL

Course Title
First-Year Language Study: Filipino, Tagalog

Course Description
Beginning speaking, listening, reading, and writing skills in Tagalog.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
197109, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197110, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197111, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197113, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAGAL 102 - First-Year Language Study: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
102

Teaching Area
TAGAL

Course Title
First-Year Language Study: Filipino, Tagalog

Course Description
Second-semester speaking, listening, reading, and writing skills in Tagalog.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAGAL 101 - First-Year Language Study: Filipino, Tagalog

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
197104, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
197105, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
197106, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
197108, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAGAL 201 - Second-Year Language Study: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
201

Teaching Area
TAGAL

Course Title
Second-Year Language Study: Filipino, Tagalog

Course Description
Intermediate speaking, listening, reading, and writing skills in Tagalog.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TAGAL 102 - First-Year Language Study: Filipino, Tagalog

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
197099, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
197100, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
197101, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
197103, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TAGAL 202 - Second-Year Language Study: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
202

Teaching Area
TAGAL

Course Title
Second-Year Language Study: Filipino, Tagalog

Course Description
Continued emphasis on Tagalog communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAGAL 201 - Second-Year Language Study: Filipino, Tagalog

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
197057, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
197058, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197059, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
197060, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAGAL 305 - Language Skills Development: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
305

Teaching Area
TAGAL

Course Title
Language Skills Development: Filipino, Tagalog

Course Description
Increasing proficiency in one or more of the following Tagalog language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
197094, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
197096, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
197098, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TAGAL 321 - Advanced Grammar: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
321

Teaching Area
TAGAL

Course Title
Advanced Grammar: Filipino, Tagalog

Course Description
Advance your Tagalog through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
197091, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
197092, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
197093, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
330

Teaching Area
TAGAL

Course Title
Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

Course Description
Study of Tagalog culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Tagal 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
197087, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
197088, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
197089, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
197090, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAGAL 340 - Introduction to Literature: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
340

Teaching Area
TAGAL

Course Title
Introduction to Literature: Filipino, Tagalog

Course Description
Explore Tagalog culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

Note
May fulfill the Letters GE requirement.

Learning Outcomes

Title
Recognize and Analyze

Tags
197082, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
197083, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
197084, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
197086, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TAGAL 350 - Advanced Language Study for Career Purposes: Filipino, Tagalog

Course Information

Teaching Area (new)
TAGAL

Course Number
350

Teaching Area
TAGAL

Course Title
Advanced Language Study for Career Purposes: Filipino, Tagalog

Course Description
Concentration on Tagalog language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAGAL 330 - Advanced Language Proficiency Through Cultural Studies: Filipino, Tagalog

Learning Outcomes

Title
Defined Career Purposes

Tags
197076, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
197077, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
197078, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
197079, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
197080, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TAHIT 100 - Language Study: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
100

Teaching Area
TAHIT

Course Title
Language Study: Tahitian

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

TAHIT 101 - First-Year Language Study: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
101

Teaching Area
TAHIT

Course Title
First-Year Language Study: Tahitian

Course Description
Beginning speaking, listening, reading, and writing skills in Tahitian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

TAHIT 102 - First-Year Language Study: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
102

Teaching Area
TAHIT

Course Title
First-Year Language Study: Tahitian

Course Description
Second-semester speaking, listening, reading, and writing skills in Tahitian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAHIT 101 - First-Year Language Study: Tahitian

Note
Teacher may waive prerequisite based on prior experience.

TAHIT 201 - Second-Year Language Study: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
201

Teaching Area
TAHIT

Course Title
Second-Year Language Study: Tahitian

Course Description
Intermediate speaking, listening, reading, and writing skills in Tahitian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAHIT 102 - First-Year Language Study: Tahitian

Note
Teacher may waive prerequisite based on prior experience.

TAHIT 202 - Second-Year Language Study: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
202

Teaching Area
TAHIT

Course Title
Second-Year Language Study: Tahitian

Course Description
Continued emphasis on communication skills and vocabulary building in Tahitian and cultural awareness of Tahiti.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAHIT 201 - Second-Year Language Study: Tahitian

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

TAHIT 305 - Language Skills Development: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
305

Teaching Area
TAHIT

Course Title
Language Skills Development: Tahitian

Course Description
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

TAHIT 321 - Advanced Grammar: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
321

Teaching Area
TAHIT

Course Title
Advanced Grammar: Tahitian

Course Description
Advance your Tahitian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

TAHIT 330 - Advanced Language Proficiency Through Cultural Studies: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
330

Teaching Area
TAHIT

Course Title
Advanced Language Proficiency Through Cultural Studies: Tahitian

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Tahtn 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

TAHIT 340 - Introduction to Literature: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
340

Teaching Area
TAHIT

Course Title
Introduction to Literature: Tahitian

Course Description
Explore Tahitian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian

Course Information

Teaching Area (new)
TAHIT

Course Number
350

Teaching Area
TAHIT

Course Title
Advanced Language Study for Career Purposes: Tahitian

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAHIT 350 - Advanced Language Study for Career Purposes: Tahitian

TAIWN 100 - Language Study: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
100

Teaching Area
TAIWN

Course Title
Language Study: Taiwanese

Course Description
Survival-level conversation, reading, listening, and culture skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196987, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196988, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196990, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TAIWN 101 - First-Year Language Study: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
101

Teaching Area
TAIWN

Course Title
First-Year Language Study: Taiwanese

Course Description
Beginning speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196975, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196981, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196982, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196985, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAIWN 102 - First-Year Language Study: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
102

Teaching Area
TAIWN

Course Title
First-Year Language Study: Taiwanese

Course Description
Second-semester speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 101 - First-Year Language Study: Taiwanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196967, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196968, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196969, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196971, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAIWN 201 - Second-Year Language Study: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
201

Teaching Area
TAIWN

Course Title
Second-Year Language Study: Taiwanese

Course Description
Intermediate speaking, listening, reading, and writing skills.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 102 - First-Year Language Study: Taiwanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196958, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196960, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196961, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196963, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TAIWN 202 - Second-Year Language Study: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
202

Teaching Area
TAIWN

Course Title
Second-Year Language Study: Taiwanese

Course Description
Continued emphasis on communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 201 - Second-Year Language Study: Taiwanese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196952, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196953, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196954, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196955, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAIWN 305 - Language Skills Development: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
305

Teaching Area
TAIWN

Course Title
Language Skills Development: Taiwanese

Course Description
Increasing proficiency in one or more of the following target-language or target-culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196946, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196948, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196950, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TAIWN 321 - Advanced Grammar: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
321

Teaching Area
TAIWN

Course Title
Advanced Grammar: Taiwanese

Course Description
Systematic review of grammar and syntax of target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 202 - Second-Year Language Study: Taiwanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196940, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196942, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196944, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
330

Teaching Area
TAIWN

Course Title
Advanced Language Proficiency Through Cultural Studies: Taiwanese

Course Description
Study of target language culture(s) using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Taiwn 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196932, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196934, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196936, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196937, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAIWN 340 - Introduction to Literature: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
340

Teaching Area
TAIWN

Course Title
Introduction to Literature: Taiwanese

Course Description
Advanced study of literature of target language. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196924, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196926, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196928, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196930, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TAIWN 350 - Advanced Language Study for Career Purposes: Taiwanese

Course Information

Teaching Area (new)
TAIWN

Course Number
350

Teaching Area
TAIWN

Course Title
Advanced Language Study for Career Purposes: Taiwanese

Course Description
Concentration on target-language and target-culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAIWN 330 - Advanced Language Proficiency Through Cultural Studies: Taiwanese

Learning Outcomes

Title
Defined Career Purposes

Tags
196916, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196917, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196918, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196920, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196922, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TAMIL 100 - Language Study: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
100

Teaching Area
TAMIL

Course Title
Language Study: Tamil

Course Description
Survival-level conversation, reading, listening, and culture skills in Tamil.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196913, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196914, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196915, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TAMIL 101 - First-Year Language Study: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
101

Teaching Area
TAMIL

Course Title
First-Year Language Study: Tamil

Course Description
Beginning speaking, listening, reading, and writing skills in Tamil.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196909, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196910, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196911, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196912, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAMIL 102 - First-Year Language Study: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
102

Teaching Area
TAMIL

Course Title
First-Year Language Study: Tamil

Course Description
Second-semester speaking, listening, reading, and writing skills in Tamil.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 101 - First-Year Language Study: Tamil

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196896, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196897, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196901, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196902, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TAMIL 201 - Second-Year Language Study: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
201

Teaching Area
TAMIL

Course Title
Second-Year Language Study: Tamil

Course Description
Intermediate speaking, listening, reading, and writing skills in Tamil.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 102 - First-Year Language Study: Tamil

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196888, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196890, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196892, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196893, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TAMIL 202 - Second-Year Language Study: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
202

Teaching Area
TAMIL

Course Title
Second-Year Language Study: Tamil

Course Description
Continued emphasis on Tamil communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 201 - Second-Year Language Study: Tamil

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196881, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196883, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196885, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196886, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAMIL 305 - Language Skills Development: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
305

Teaching Area
TAMIL

Course Title
Language Skills Development: Tamil

Course Description
Increasing proficiency in one or more of the following Tamil language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196873, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196875, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196877, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TAMIL 321 - Advanced Grammar: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
321

Teaching Area
TAMIL

Course Title
Advanced Grammar: Tamil

Course Description
Systematic review of grammar and syntax of Tamil.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 202 - Second-Year Language Study: Tamil

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196866, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196867, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196870, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
330

Teaching Area
TAMIL

Course Title
Advanced Language Proficiency Through Cultural Studies: Tamil

Course Description
Study of Tamil culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Tamil 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement

Learning Outcomes

Title
Communication Skills

Tags
196859, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196860, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196862, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196865, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TAMIL 340 - Introduction to Literature: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
340

Teaching Area
TAMIL

Course Title
Introduction to Literature: Tamil

Course Description
Advanced study of Tamil literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196852, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196854, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196856, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196857, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TAMIL 350 - Advanced Language Study for Career Purposes: Tamil

Course Information

Teaching Area (new)
TAMIL

Course Number
350

Teaching Area
TAMIL

Course Title
Advanced Language Study for Career Purposes: Tamil

Course Description
Concentration on Tamil language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TAMIL 330 - Advanced Language Proficiency Through Cultural Studies: Tamil

Learning Outcomes

Title
Defined Career Purposes

Tags
196839, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196841, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196842, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196845, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196849, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TECH 231 - Foundations of Global Leadership

Course Information

Teaching Area (new)
TECH

Course Number
231

Teaching Area
TECH

Course Title
Foundations of Global Leadership

Course Description
Foundational principles and practices of individual and organizational leadership in a global context from an integrated moral, technical, and social perspective. Emphasis on developing integrity, valuing and leveraging diversity, acquiring and applying leadership skills.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

TECH 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
TECH

Course Number
495R

Teaching Area
TECH

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

TEE 593R - Workshop in Applied Technology Education

Course Information

Teaching Area (new)
TEE

Course Number
593R

Teaching Area
TEE

Course Title
Workshop in Applied Technology Education

Course Description
Teaching and learning technological literacy skills. Reviewing and participating in current technological advances, with a focus on teaching practice and methods.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
2

Fee
Variable

Note
Maximum of 2 credit hours applicable to MS program. Fee.

Learning Outcomes

Title
Course Outcomes

Tags
181178, 0, 0

Learning Outcome
Students will understand the current pedagogical techniques used in their teaching field of choice.

TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings

Course Information

Teaching Area (new)
TELL

Course Number
435

Teaching Area
TELL

Course Title
Language and Literacy Instruction in K-12 Dual Immersion Settings

Course Description
Theory and rationale for developing language and literacy in two or more languages. Focus on the development of literacy instruction, including theory and methods applicable to K-12 dual language immersion classrooms.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- FLANG 300 - Foundations of Dual Language and Immersion Education
  AND TML 410 - Disciplinary Literacy in an Additional Language

AND TML 420 - Assessment and Planning for Multilingual Learners

OR

Prerequisites

Complete ALL of the following Courses:

- EL ED 213 - Instructional Design and Assessment for all Learners
  AND FLANG 300 - Foundations of Dual Language and Immersion Education
  AND TML 410 - Disciplinary Literacy in an Additional Language

Other Prerequisites
OPI (Advanced-Mid), FBI fingerprint background clearance.

Learning Outcomes

Title
TELL 435 Course Outcomes

Tags
178890, 1

Learning Outcome
The students will:

identify the historical and legal foundations of bilingual/dual-immersion education and relate these to specific requirements and procedures in Utah.
identify different models of bilingual/dual-immersion programs in relation to characteristics of effective instructional practices in a variety of content subjects.
identify and be able to articulate theories and philosophies of literacy development and language acquisition in a second language specific to teaching in bilingual/dual-immersion contexts.
implement techniques, strategies, and tasks related to the teaching of content literacy and language in bilingual or dual-immersion programs.
create meaningful lesson plans and activities that demonstrate appropriate decision making procedures to meet bilingual/dual-immersion educational program needs.

TELL 440 - Content-Based Language Instruction

Course Information

Teaching Area (new)
TELL

Course Number
440

Teaching Area
TELL

Course Title
Content-Based Language Instruction

Course Description
Instructional methods, strategies, and materials for integrating curriculum content and language instruction. Teaching, creating, and adapting lesson materials in a multicultural context.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Recommended
TELL 410

Learning Outcomes

Title
Instruction

Tags
178830, 1

Learning Outcome
Teacher Candidates know, understand, and use the Utah English Language Proficiency Standards in selection of programs, practices and strategies related to planning, implementing, and managing ESL and content instruction, including classroom, organization, teaching strategies for development and integrating language skills, and choosing and adapting classroom resources.

TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

Course Information

Teaching Area (new)
TELL

Course Number
445

Teaching Area
TELL

Course Title
Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

Course Description
Theory, method, and practical application for teaching language in content area subjects such as math, science, and social studies in K-12 dual language immersion classrooms. Research-based principles used for the creation of criteria and frameworks for curriculum that integrates content-based instruction and second language learning needs.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings

Other Prerequisites
OPI (Advanced-Mid); PRAXIS II; FBI fingerprint background clearance.

Learning Outcomes

Title
TELL 445 Course Outcomes

Tags
178891, 1

Learning Outcome

Identify both historical and contemporary movements and research concerning bilingual/dual-language immersion programs in the United States and internationally.
Identify different models of bilingual/dual-immersion programs in relation to characteristics of effective instructional practices and standard-based procedures in a variety of content subjects for bilingual/dual language immersion learners.
Identify and be able to articulate rationales for integrating the teaching of subject content matter and target language objectives in a variety of content-based approaches.
Create meaningful lesson plans and activities that demonstrate appropriate decision-making procedures to merge subject matter and target language to the identity needs of dual language immersion students in one-way and two-way settings.
Create and demonstrate an understanding of formative and summative assessments concerning the use of language to learn content and literacy
Demonstrate an understanding of language as a material carrier of meaning through case studies, lesson plans, and field experience. Implement contextualized and situational use of language components (including linguistic, cultural-historical content, and identity issues). Integrate technology and other tools for bilingual/dual-language immersion students.

TELL 478R - Dual-Language Immersion K-12 Student Teaching

Course Information

Teaching Area (new)
TELL

Course Number
478R

Teaching Area
TELL

Course Title
Dual-Language Immersion K-12 Student Teaching

Course Description
Supervised, full-day experience to develop and demonstrate competence in teaching content in a foreign language in an approved public school setting. Observation is stressed initially, with responsibility for teaching increasing across the four-week experience.

Department
Teacher Education

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TELL 435 - Language and Literacy Instruction in K-12 Dual Immersion Settings
  AND TELL 445 - Content-Based Language Instruction in K-12 Dual-Language Immersion Settings

Other Prerequisites
FBI fingerprint background clearance; Language teaching methods in the target language; Passing OPI at advanced-mid; Praxis II.

Learning Outcomes

Title
TELL 478R Course Outcomes

Tags
178893, 1

Learning Outcome
Students who successfully complete this course will:

Successfully use formative assessment strategies for individual students to determine instructional level in the target language.
Determine comprehensible instructional input necessary for effective learning in a dual-immersion setting.
Successfully organize, plan, implement and evaluate a unit of instruction in their target language in a dual-immersion setting. The unit will align with the Utah State common core curriculum, provide accommodations or modification strategies required for individual students being instructed, and evaluate language and academic development.

TELL 589R - Assessment of English Language Learners K-12

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Assessment of English Language Learners K-12

Course Description
Major concepts, principles, theories, and research relating to assessing English as a second language and English language learners (ELLs); using appropriate measurement tools in evaluating ELLs' performance in placement, proficiency, and instruction.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Assessment of ELL's

Tags
178945, 1

TELL 589R - Current Topics in English Language Learning

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Current Topics in English Language Learning

Course Description
Topics vary.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
diversity

Tags
178806, 0

Learning Outcome
Candidates will explore special topics in teaching English Language Learners under the direction of a specific instructor.

TELL 589R - Understanding Second Language Acquisition for K-12 Schools

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Understanding Second Language Acquisition for K-12 Schools

Course Description
Major concepts, principles, theories, and research relating to acquisition of English as a second language; creating learning environments supporting the development of English proficiency.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
SLA for K-12 schools

Tags
178946, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TELL 589R - Family, School, and Community Collaboration for English Language Learners

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Family, School, and Community Collaboration for English Language Learners

Course Description
The role and contribution of families, schools, and communities in developing ELLs' developing knowledge, skills, and dispositions to collaborate in the support and advocacy of ELLs and their families.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
diversity

Tags
178785, 0

Learning Outcome
Candidates will explore special topics in teaching English Language Learners under the direction of a specific instructor.

Title
Family, School, Community Collaboration

Tags
178948, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TELL 589R - Culture, Issues, and Policy for Educating English Language Learners

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Culture, Issues, and Policy for Educating English Language Learners

Course Description
Major concepts, principles, and theories relating to educating English language learners; creating learning environments supporting educational progress and achievement.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Culture, Issues, Policies for ELLs

Tags
178947, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TELL 589R - Literacy Development for English Language Learners

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Literacy Development for English Language Learners

Course Description
Major concepts, principles, theories, and research relating to developing literacy in English for ELLs in K-12 schools; creating learning environments that promote literacy development.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Literacy for ELLs

Tags
178944, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TELL 589R - Content-Based Instruction for English Language Learners

Course Information

Teaching Area (new)
TELL

Course Number
589R

Teaching Area
TELL

Course Title
Content-Based Instruction for English Language Learners

Course Description
Major concepts, principles, theories, and research relating to content-based instruction for ELLs; creating learning environments that support academic development of ELLs.

Department
Teacher Education

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
ELL Content Instruction

Tags
178943, 1

Learning Outcome
Inservice course. Inservice teachers will improve their teaching skills as required by their licensure or endorsement program.

TES 112 - Innovation Bootcamp

Course Information

Teaching Area (new)
TES

Course Number
112

Teaching Area
TES

Course Title
Innovation Bootcamp

Course Description
Through a series of hands-on experiences, students explore principles, methods, and tools of innovation and design thinking in technology and engineering.

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

TES 125 - Communication Technologies and Systems

Course Information

Teaching Area (new)
TES

Course Number
125

Teaching Area
TES

Course Title
Communication Technologies and Systems

Course Description
Use of, interaction with, and teaching about communication, technologies.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Course Outcomes - Level 2

Tags
181242, 0, 6

Learning Outcome

Historical Development: Introduce students to past communication technologies, with a focus on their development, usability, sustainability, evolution, and relative impact on: society, politics, economy, environment, and leisure.
Ethics: Help students develop an understanding of the ethical development and use of communication technologies.
User and Actor Skills: Help students develop the skills to not only be users, but actors in the positive development and evolution of society's Technology (Postman, 1999).
Tools and Services: Expose and train students in a broad range of communication technology tools and services (i.e., media authoring, desktop publishing, web authoring, HTML and CSS languages, Java and JavaScript, social media, Video and TV production, RSS and ATOM feeds and subscriptions, Vod and podcasting, digital photography (techniques, tools, storage), computer hardware and networking issues, GPS technologies, and 3D modeling.
Technology Assessment: Throughout this semester students will be asked to collect, implement, and assess the relative value of various contemporary technologies, and will be asked to discuss if and how the technologies should be used in classrooms and in the world.

Title
Course Outcomes - Level 1

Tags
181337, 0, 5

Learning Outcome
UETS Standard 4: Content Knowledge
UETS Standard 7: Instructional Strategies
UETS Standard 6: Instructional Planning
UETS Standard 8: Professional Growth/Reflection
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to communication technologies).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to communication technologies).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as they pertain to communication technologies).
STEL TEC Standards 5: Information and Communication.

TES 200 - Processes and Prototyping with Wood

Course Information

Teaching Area (new)
TES

Course Number
200

Teaching Area
TES

Course Title
Processes and Prototyping with Wood

Course Description
Processes for and prototyping with wood and wood-based composites.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
Variable

Note
Fee.

Learning Outcomes

Title
TEE 200 Course Outcomes - Level 2

Tags
181348, 1

Learning Outcome

Students will be able to visualize how components are joined and how to communicate this through drawings and specifications.
Students will understand the properties of wood as a material and how these properties impact design of projects using wood and wood products.
Students will select and use subtractive processes in prototype construction: sawing, shaping, milling, turning, routing, etc.
Students will select and use additive processes in prototype construction: joining, laminating, fastening, etc.
Students will be able to identify, and use hand tools including tools for measuring, layout, sawing, planing, scraping, shaping, clamping, drilling, driving, and sharpening.
Students will be able to accurately set-up and safely use woodworking machinery including the jointer, surface planer, table saw, panel saw, radial arm saw, power miter saw, bandsaw, thickness sander, mortiser, boring machine, lathe, and drill press.
Students will have experience with the use of electric, pneumatic, and cordless power hand tools including routers, drills, and sanders.
Students will be able to apply methods of clamping, gluing, and assembly, sanding, and finishing.
Students will experience practical problem solving in working with industrial materials, tools, and machines.
Students will experience the importance of caring, hard work, planning, initiative, and patience, in making a project that is well designed, includes quality workmanship, and is nicely finished.
Students will learn concepts and methods of teaching safe use of woodworking equipment.
Students will be able to apply basic machine and hand tool maintenance.

Title
TEE 200 Course Outcomes - Level 1

Tags
181347, 0, 0

Learning Outcome
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to material conversion and processing (TEC Standard 2)).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEC Standards 2: Material Conversion and Processing

TES 210 - Coding for Technology and Engineering Educators

Course Information

Teaching Area (new)
TES

Course Number
210

Teaching Area
TES

Course Title
Coding for Technology and Engineering Educators

Course Description
Students will become familiar with and be able to use various coding languages needed to teach middle and high school technology and engineering courses.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Overview

Tags
214682, 0, 1

Learning Outcome
This course is designed to give you and introduction to programming and give you some basic skills and knowledge with the Python programming language and front end web development using HTML, CSS, and Javascript. This course will help you get a jump into the world of programming and give you a basic knowledge you need to move further into computer science. For those on the teaching track, we will cover some basic principles and structures that you would use in a begin programming or web development class.

Title
Outcomes

Tags
214683, 0, 2

Learning Outcome

Web Development

We will review HTML, CSS and Javascript structure and create a portfolio website using mobile first design and development. You will want to have images and/or video available to add to your website from other TES courses you have taken. This is a chance to show off what you have done. We will also learn to use libraries such as Bootstrap and JQuery to enhance our websites.

While both Python and HTML are considered coding, they differ in the way they are implemented and their uses. Therefore, we will spend the first half on python with a midterm test at the end of this module and the second half on HTML with a final at the end of that unit.

Python

We will learn some basic constructs of all programming languages using the Python language. These include variables, functions, libraries and classes. Class time will consist of half lecture and half lab work. You will be given programming assignments that be will written and tested in Repl. You may use each other and the internet as resources for help with construct and syntax, but your solutions should come from you.

TES 225 - Electronics for Technology and Engineering Teachers

Course Information

Teaching Area (new)
TES

Course Number
225

Teaching Area
TES

Course Title
Electronics for Technology and Engineering Teachers

Course Description
Teaching electronic, construction, and transportation systems.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Course Outcomes Level 1

Tags
206897, 0, 0

Learning Outcome
Utah Effective Teaching Standards UETS STANDARD 4- Content Knowledge: The teacher understands the central concepts, tools of inquiry, and structure of the discipline. Standards for Engineering and Technological Literacy STEL 5: Influence of Society on Technological Development 5F. Analyze how an invention or innovation was influenced by its historical context. 5H. Evaluate a technological innovation that arose from a specific society's unique need or want. STEL 6: History of Technology 6C. Compare various technologies and how they have contributed to human progress. 6F. Relate how technological development has been evolutionary, often the result of a series of refinements to basic inventions or technological knowledge. 6G. Verify that the evolution of civilization has been directly affected by, and has in turn affected, the development and use of tools, materials and processes. 6H. Evaluate how technology has been a powerful force in reshaping the social, cultural, political, and economic landscapes throughout history. Technology and Engineering Practices TEP-1: Systems Thinking Designs and troubleshoots technological systems in ways that consider the multiple components of the system TEP-2: Creativity Exhibits innovative and original ideas in the context of design-based activities Elaborates and articulates novel ideas and aesthetics TEP-3: Making and Doing Exhibits safe, effective ways of producing technological products, systems, and processes Demonstrates the ability to regulate and improve making and doing skills TEP-4: Critical Thinking Defends technological decisions based on evidence Uses evidence to better understand and solve problems in technology and engineering, including applying computational thinking Technology and Engineering contexts TEC-4: Energy and Power TEC-5: Information and Communication

Title
Course Outcomes - Level 2

Tags
181180, 0, 6

Learning Outcome
Students will be able to describe the basic electronic concepts of voltage, amperage, resistance & power. Students will be able to use Ohm's and Watt's law to perform basic calculations in an electronic circuit. Students will be able to describe how voltage, amperage, power & resistance behave in series and parallel circuits and be able to calculate unknown quantities in a circuit. Students will be able to use a power supply, breadboard, basic components, and a digital multi-meter to build, test and troubleshoot basic electronic circuits. Students will be able to use a digital multi-meter, oscilloscope and digital logic probe to test, troubleshoot and repair faulty circuits. Students will be able to identify basic electronics components and describe the function of each component. Students will be able to identify and draw the basic schematic symbols used to represent electronics components in a circuit. Students will be able to use appropriate materials and equipment (including simulation software, CNC Mill, soldering iron) to design and build a working electronic circuit that is a solution to a technological problem and/or need. Students will be able to successfully calculate unknown quantities and complete labs associated with magnetism, electromagnetic induction, capacitors, semiconductors, transformers and alternating current. Based on a set of given inputs and desired outputs, students will be able to design a digital electronic circuit as a solution to a technological problem or need. Students will be able to collect technical data and to apply appropriate math and science knowledge to see the connections between technology and other fields of study. Students will be able to describe historical examples of discoveries, experiments, innovations and inventions related to electronics communications technology and be able to provide examples of technology transfer and how these technologies affected past and current society.

TES 229 - Processes and Manufacturing with Metals and Polymers

Course Information

Teaching Area (new)
TES

Course Number
229

Teaching Area
TES

Course Title
Processes and Manufacturing with Metals and Polymers

Course Description
Processes for and manufacturing with metals and polymers.

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TES 200 - Processes and Prototyping with Wood

Other Prerequisites
or concurrent enrollment.

Fee
30

Note
Fee.

Learning Outcomes

Title
TEE 229 Course Outcomes - Level 2, Polymers Unit

Tags
181350, 2

Learning Outcome
Student will be able to:
1. Use an existing object to make a silicone mold for casting multiple identical objects.
2. Cast duplicate polyurethane objects in a silicone mold.
3. Vacuum form a sheet of plastic to a desired shape.
4. Lay-up a fiberglass mold to be used for casting a urethane foam object.
5. Cast a urethane (Nerf) foam object in a fiberglass mold.
6. Produce a polymer/wood composite.
7. Use a 3D printer to create a simple ABS prototype of an object.
8. Describe qualities of polymers as they pertain to design and polymer fabrication.
9. Understand the fundamental safety procedures and protocol associated to the various manufacturing and fabrication processes associated to the different polymer domains.
10. Evaluate the economic and environmental issues associated with the different polymers and their related manufacturing processes.

Title
TEE 229 Course Outcomes - Level 2, Metals Unit

Tags
181351, 3

Learning Outcome
Students will be able to:
1. Describe classifications, properties and characteristics of many different metals.
2. Identify and understand the different types of information indicated on a drawing.
3. Apply safe work habits when operating tools and equipment.
4. Accurately measure with and read a ruler, venier calipers, and various gauges.
5. Use tools to make a layout for a project.
6. Identify, select, and safely use basic hand tools in metalworking.
7. Identify and correctly use several types of metal fasteners.
8. Cut, bend and make a sheet metal project using several different tools.
9. Demonstrate the soldering and brazing process.
10. Demonstrate how to use an oxy-acetylene torch to cut metal.
11. Correctly use various tools to make a bench metal project.
12. Correctly select the rod and adjust arc welding equipment.
13. Correctly setup and adjust the current and feed rate for a MIG welder.
14. Use a MIG welder to strike an arc, run a bead, and make a butt and lap joint to given specifications.
15. Correctly use a metal lathe to make a specified project.
16. Correctly use a CNC mill to make a specified project.

Title
TEE 229 Course Outcomes - Level 2, Manufacturing and Free Enterprise Unit

Tags
181352, 3

Learning Outcome
Students will be able to work within an organization to:
1. Conduct market research for product selection.
2. Develop design drawings and engineering drawings.
3. Design and use jigs and fixtures in producing a finished product.
4. Develop a manufacturing system and produce multiples of a product.
5. Set up and conduct a manufacturing pilot run and production run.
6. Establish methods for quality control in manufacturing.
7. Organize a manufacturing enterprise.
8. Keep records relative to finances, labor, and material purchase and use.
9. Develop practices and attitudes for safe use of equipment and tools.

Students will understand:
1. Historical aspects and impacts of manufacturing.
2. Principles of manufacturing including material flow, converting raw materials and standard stock into finished products, economy of motion and material use, interchangeability of parts, product design for manufacture, and tasks involved in manufacturing a finished product.
3. Principles of free enterprise including types of ownership, product selection and design, marketing techniques, corporate structure in manufacturing, and record keeping.

Title
TEE 229 Course Outcomes - Level 1

Tags
181349, 0, 1

Learning Outcome
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to material conversion and processing (TEC Standard 2)).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as it pertains to material conversion and processing (TEC Standard 2)).
STEL TEC Standards 2: Material Conversion and Processing

TES 251 - Video and Photography Production

Course Information

Teaching Area (new)
TES

Course Number
251

Teaching Area
TES

Course Title
Video and Photography Production

Course Description
Teaching video and photography to inspire, communicate, and develop creativity. Fundamentals include planning, storyboarding, camera techniques, composition, assembling, and editing video and photo projects.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Fee
15

Note
Fee.

Learning Outcomes

Title
Course Outcomes - Level 2

Tags
181288, 0

Learning Outcome

Provide students an opportunity to gain an understanding of the technical, creative, and cultural, political, economic, and environmental impact of photography, television and film/video media.

Expose and train students in contemporary video, film, TV, and photography pre-production, production, and post-production techniques.

Expose and train students to effectively use contemporary video, film, TV, and photography tools (i.e., Final Cut Pro, DVD Studio, Studio Code, Adobe Creative Suite, Camera Switcher, HD Video, digital SLR cameras, Celtix [script writing], lighting and audio recording equipment, and so forth).
Teach students the primary elements of photography and TV/Film production, which are:

1. Principles of audio, including micing techniques and handling of common audio problems.
2. Camera placement and operations, including a basic understanding of camera color balancing and various important framing techniques.
3. Lighting techniques, including existing light, bounced light and three-point lighting.
4. Technical and production differences between standard definition (SDTV) and HDTV/DTV production.
5. Elements of effective visual composition.
6. Editing techniques: assembly and insert, on-line and off-line, linear and random access, and the use of time-code.
7. A general understanding of the pre-production, production, and post-production stages for both TV and film, including associated audio and video equipment.

TES 255 - Visual Communication Design

Course Information

Teaching Area (new)
TES

Course Number
255

Teaching Area
TES

Course Title
Visual Communication Design

Course Description
Teaching visual design principles and processes through digital and print media.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TES 125 - Communication Technologies and Systems

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Basic Skills

Tags
181095, 2

Learning Outcome
Provide an opportunity to learn the basics of graphic design.

Title
Teacher Preparation

Tags
181187, 1

Learning Outcome
Prepare you to teach communications technology, graphic design, and web design.

Title
Profession

Tags
181248, 3

Learning Outcome
Introduce you to the visual communications profession and professional literature.

Title
Application

Tags
181264, 4

Learning Outcome
Gain competency in applying the design principles in both print and web mediums.

Title
Course Outcomes - Level 2

Tags
181339, 6

Learning Outcome

Students will prepare to teach communication technology - specifically graphic design in print and web formats. To accomplish this students will first learn the primary and fundamental theories of design, and develop associated skills and understanding by completing a variety of projects, including but not limited to: user experience designs for a variety of web applications, print designs in the form of advertisements and identity design. Second, students will design instructional ideas for use in both industry and educational settings (i.e., lesson and unit plans), which they will have evaluated by peers, instructor, and through application (i.e., they will teach their lesson plan(s) in an educational setting).
Students will be introduced to the visual communication profession and associated professional literature. Field trips, readings, and client work will be the primary methods of meeting these criteria.
Students will gain competency in applying the design principles in both print and web mediums. As note above the course assignments will provide the means for accomplishing this outcome. In addition, peer evaluations, and student presentations will help accomplish this outcome.

Title
Course Outcomes - Level 1

Tags
181338, 0, 5

Learning Outcome
UETS Standard 4: Content Knowledge
UETS Standard 7: Instructional Strategies
UETS Standard 6: Instructional Planning
UETS Standard 8: Professional Growth/Reflection
STEL CDS Standard 1. Students will develop an understanding of the nature and characteristics of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 2. Students will develop an understanding of the core concepts of technology and engineering (as it pertains to communication technologies).
STEL CDS Standard 3. Students will develop an understanding of the Integration of Knowledge, Technologies, and Practices (as it pertains to communication technologies).
STELCDS Standard 4: Students will develop an understanding Impacts of Technology (as it pertains to communication technologies).
STEL CDS Standard 5: Students will develop an understanding Influence of Society on Technological Development (as it pertains to communication technologies).
STEL CDS Standard 6: Students will develop an understanding History of Technology (as it pertains to communication technologies).
STEL CDS Standard 7: Students will develop an understanding Design in Technology and Engineering Education (as it pertains to communication technologies).
STEL CDS Standard 8: Students will develop an understanding Applying, Maintaining, and Assessing Technological Products and Systems (as it pertains to communication technologies).
STEL TEP Standards 1 - 8: 1. Systems Thinking 2. Creativity 3. Making and Doing 4. Critical Thinking 5. Optimism 6. Collaboration 7. Communication 8. Attention to Ethics (as they pertain to communication technologies).
STEL TEC Standards 5: Information and Communication.

TES 276 - Exploration of Teaching

Course Information

Teaching Area (new)
TES

Course Number
276

Teaching Area
TES

Course Title
Exploration of Teaching

Course Description
Lecture series directed at helping prospective teachers understand demands and opportunities associated with teaching secondary students.

Department
Engineering

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Learning Outcomes

Title
Introduction

Tags
181345, 1

Learning Outcome
Educator Preparation Program Outcomes
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor.
As students progress through the Technology and Engineering teacher education program, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The standards that encompass the knowledge, dispositions and skills that teachers should have are known as the UETS standards and can be found on the TEE Outcomes webpage. The following UETS standards will be addressed in this class (TEE 276).

Title
Course Outcomes - Levels 1 and 2

Tags
181340, 0, 2

Learning Outcome
Course Outcomes - Level 1 (Listed as STEL and UETS); Course Outcomes - Level 2 (Listed in the table and below as objectives and how assignments meet level 1 criteria).
Upon completion of this course students will:
Identify and demonstrate characteristics of an effective teacher, including:

Positive expectations
Classroom management
Lesson preparation
A knowledge of one's own strengths and weaknesses
Participate in clinical field experience to observe and to engage in meaningful education practices.
Research and present supplementary educational research materials.
Demonstrate an understanding of current issues facing public schools.
Reflect in writing, discussion, and assignment the effective teacher model and how it is reinforced through public school observation and experience.
Evaluate and assess one's own commitments and practices relative to teaching and learning with frequent reflections on teaching practices.

A description of how these will be met are outlined in the table below:

Course Objectives

UETS Standard (Utah Effective Teaching Standards)

Assignment

Assessment

Student will become aware of the UETS Standards and will select and reflect about course assignments using these standards.

All

School Observations
Final

Checklist
Rubric

Student will become aware of the State Core Requirements in their content area and will connect lessons to the core.

1, 6

School Observations

TES 291R - Undergraduate Seminar

Course Information

Teaching Area (new)
TES

Course Number
291R

Teaching Area
TES

Course Title
Undergraduate Seminar

Course Description
Student leadership training, including organization and operation of student technology education clubs. College Lecture attendance required. Separate program sections.

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
0.5

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Note
Required each semester for undergraduate majors not enrolled in TES 391R or 491R.

TES 320 - Creative Engineering and Problem Solving I

Course Information

Teaching Area (new)
TES

Course Number
320

Teaching Area
TES

Course Title
Creative Engineering and Problem Solving I

Course Description
This course is a hands-on experience centered on preparing students to teach middle school Technology & Engineering Education courses. During this course, students will be exposed to a wide breadth of topics, assignments, teaching styles, and activities within Technology & Engineering Education. Students will explore different pedagogical approaches in the context of career and technology education employment clusters and engage in iterative design, build, automate, test, and refine cycles (e.g., engineering design process)

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Course Outcomes Level 1

Tags
214646, 0, 1

Learning Outcome

Utah Effective Teaching Standards

UETS STANDARD 4- Content Knowledge: The teacher understands the central concepts, tools of inquiry, and structure of the discipline.

Standards for Engineering and Technological Literacy

STEL 1 Nature andCharacteristics ofTechnology andEngineering

1J. Develop innovative products and systems that solve problems and extend capabilities based on individual or collective needs and wants.

1K. Compare and contrast the contributions of science, engineering, mathematics and technology in the development of technological systems.

1L. Explain how technology and engineering are closely linked to creativity, which can result in both intended and unintended innovations.

1M. Apply creative problem-solving strategies to the improvement of existing devices or processes or the development of new approaches.

1N. Explain how the world around them guides technological development and engineering design.

1O. Assess how similarities and differences among scientific, mathematics, engineering, and technological knowledge and skills contributed to the design of a product or system.

1P. Analyze the rate of technological development and predict future diffusion and adoption of new technologies.

1R. Develop a plan that incorporates knowledge from science, methematics, and other disciplines to design and improve a technological product or system.

STEL 2 Core Concepts of Technology and Engineering

2M. Differentiate between inputs, processes, outputs, and feedback in technological systems.

2O. Create an open-loop system that has no feedback path and requires human intervention.

2P. Create a closed-loop system that has a feedback path and requires no human intervention.

2Q. Predict outcomes of a future product or system at the beginning of the design process.

2S. Defend decisions related to a design problem.

2V. Analyze the stability of a technological system and how it is influenced by all of the components in the system, especially those in the feedback

Title
Course Outcomes Level 2

Tags
214647, 0, 2

Learning Outcome

Course Outcomes - Level 2

1. Students will incorporate the concepts of group goals, individual accountability, group processing and practice interpersonal and small group skills in order to work cooperatively in a group engineering design project.
2. Students will incorporate various systems (e.g., electronic, mechanical, hydraulic, pneumatic, thermal) as they use the engineering design process to design an invention, innovation or solution to a design problem.
3. Students will know the steps of the engineering design process and then document and apply this process in building a solution to a design activity.
4. Students will use the steps of the engineering design process to innovate a new design solution to a common household item.
5. Students will create an operations manual (design portfolio) which includes a self-evaluation, peer evaluation, sketches made during the ideation stage, problem-solving log, copy of the computer program and final drawing of the engineering design project.
6. As a group, students will verbally and visually present their design portfolio to the rest of the class.
7. During the engineering design process, students will identify the constraints and limitations of the design problem, consider trade-offs, and then design, build a prototype, test, optimize and troubleshoot a design solution to a problem.
8. Students will collect technical data and then apply math and science knowledge in contextual setting.
9. Students will learn the basics of computer control systems, including, inputs, outputs, and feedback loops; and be able to design, build and program a microprocessor-driven system to drive a specific set of output devices based upon inputs to the system from various sensors and feedback mechanisms.
10. Students will build and program a robot as a solution to a given problem.
11. Students will know the basics of radio control devices and then use these principles to design a solution to a problem.
12. Students will identify a variety of engineering related curriculum resources that are currently available for them to use in their future classrooms.

TES 330 - Creative Engineering and Problem Solving II

Course Information

Teaching Area (new)
TES

Course Number
330

Teaching Area
TES

Course Title
Creative Engineering and Problem Solving II

Course Description
Designing solutions to technological problems using innovation, creativity, experimentation, problem solving, and engineering design. Manufacturing systems; teaching methods and prototype development.

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TES 210 - Coding for Technology and Engineering Educators

OR

Prerequisites

Complete ALL of the following Courses:

- C S 142 - Introduction to Computer Programming

Note
Two sets of standards guide the outcomes of TES 330: 1)\tUtah Effective Teaching Standards: UETS STANDARD 4- Content Knowledge. 2)\tStandards for Technological and Engineering Literacy (STEL - 2020):

TES 340 - Principles of Technology and Engineering

Course Information

Teaching Area (new)
TES

Course Number
340

Teaching Area
TES

Course Title
Principles of Technology and Engineering

Course Description
Teaching technology and engineering concepts in education. Developing problem-solving skills by tackling technological and engineering problems.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Learning Outcomes

Title
Course Outcomes - Level 2

Tags
181068, 1

Learning Outcome
Students will understand and be able to differentiate between the concepts of force, work, energy and power in mechanical, fluid, electrical and thermal systems.Students will be able to perform calculations to determine the amount of work, energy or power of various mechanical, fluid, electrical or thermal systems. Students will know and be able to use the engineering design cycle to design a prototype of a solution to a power, energy and/or transportation problem.Students will be able to identify, describe, and perform basic calculations for simple machines (e.g. levers, gears, pulleys, hydraulic systems).Students will be able to use equipment and materials to perform basic power and energy experiments.Students will understand basic terminology related to construction technologies and be able to identify and describe the basic components of a structure.Students will know how to use tools and equipment to process various materials in order to design, build and test a structure as a solution to a technological problem.Students will be able to use simulation software to design, build and test a structure as a solution to a technological problem.

Title
Course Outcomes - Level 1

Tags
181204, 0, 0

Learning Outcome
Utah Effective Teaching Standards
UETS STANDARD 4- Content Knowledge: The teacher understands the central concepts, tools of inquiry, and structure of the discipline.
Standards for Engineering and Technological Literacy
STEL 1 Nature andCharacteristics ofTechnology andEngineering
1J. Develop innovative products and systems that solve problems and extend capabilities based on individual or collective needs and wants.
1K. Compare and contrast the contributions of science, engineering, mathematics and technology in the development of technological systems.
1L. Explain how technology and engineering are closely linked to creativity, which can result in both intended and unintended innovations.
1M. Apply creative problem-solving strategies to the improvement of existing devices or processes or the development of new approaches.
1N. Explain how the world around them guides technological development and engineering design.
1O. Assess how similarities and differences among scientific, mathematics, engineering, and technological knowledge and skills contributed to the design of a product or system.
1P. Analyze the rate of technological development and predict future diffusion and adoption of new technologies.
1R. Develop a plan that incorporates knowledge from science, methematics, and other disciplines to design and improve a technological product or system.
STEL 2 Core Concepts of Technology and Engineering
2M. Differentiate between inputs, processes, outputs, and feedback in technological systems.
2O. Create an open-loop system that has no feedback path and requires human intervention.
2P. Create a closed-loop system that has a feedback path and requires no human intervention.
2Q. Predict outcomes of a future product or system at the beginning of the design process.
2S. Defend decisions related to a design problem.
2V. Analyze the stability of a technological system and how it is influenced by all of the components in the system, especially those in the feedback loop.
2W. Select resources that involve tradeoffs between competitng values, such as availability, cost, desiribility and waste while solving problems.
2X. Cite examples of the criteria and constraints of a product or system and how they affect final design.
2Y. Implemt quality control as a planned process to ensure that a product, service, or system meets established criteria.

STEL 4 Impacts of Technology
4K. Examine the ways that technology can have both positive and negative effects at the same time.
4L. Analyze how the creation and use of technologies consumes renewable and non-renewable resources and creates waste.
4M. Devise strategies for devising, reusing, and recycling waste caused from the creation and use of technology.
4P. Evaluate ways that technology can impact individuals, society, and the environment.
4Q. Critique whether existing or proposed technologies use resources sustainably.
STEL 5: Influence of Society on Technological Development
5F. Analyze how an invention or innovation was influenced by its historical context.
5G. Evaluate trade-offs based on vrious perspectives as part of a decision process that recognizes the need for careful comprimises among competing factors.
STEL 6: History of Technology
6C. Compare various technologies and how they have contributed to human progress.
6D. Engage in a research and development process to simulate how inventions and innovations have evolved through systematic tests and refinements.
6F. Relate how technological development has been evolutionary, often the

TES 350 - Multimedia Authoring and Publishing

Course Information

Teaching Area (new)
TES

Course Number
350

Teaching Area
TES

Course Title
Multimedia Authoring and Publishing

Course Description
Developing advanced media authoring skills for teaching interactive design. Solving real-world interactive design problems for the World Wide Web, CD-ROM, and DVD-ROM in an entrepreneurial environment.

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TES 125 - Communication Technologies and Systems

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Course Outcomes - Level 1

Tags
181085, 0

Learning Outcome
Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological Literacy developed by the International Technology and Engineering Educators Association (ITEEA).

TES 360 - Standards for Technological Literacy

Course Information

Teaching Area (new)
TES

Course Number
360

Teaching Area
TES

Course Title
Standards for Technological Literacy

Course Description
The teaching of technological literacy and engineering problem solving in education specifically focusing on the fields of medical, agricultural, and energy and power technologies.

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
Eng T 231 or concurrent enrollment; completion of the GE Physical Science and Biological Science requirements.

Learning Outcomes

Title
Course Outcomes - Level 1

Tags
181149, 0

Learning Outcome
UETS Standard 4: Content Knowledge. Each candidate understands the central concepts, tools of inquiry, and structure of the discipline.UETS Standard 6: Instructional Planning. Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content area, Core Curriculum standards, instructional best practices, and the community context.UETS Standard 7: Instructional Strategies. Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.STL Standard 3: Students will develop an understanding of the relationships among technologies and the connections between technology and other fields of study.STL Standard 7: Students will develop an understanding of the influence of technology on history.STL Standard 8: Students will develop an understanding of the attributes of design.STL Standard 11: Students will develop the abilities to apply the design process.STL Standard 14: Students will develop an understanding of and be able to select and use medical technologies.STL Standard 15: Students will develop an understanding of and be able to select and use agricultural and related biotechnologies.STL Standard 16: Students will develop an understanding of and be able to select and use energy and power technologies.

Title
Course Outcomes - Level 2

Tags
181254, 1

Learning Outcome
Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 14, Medical Technologies.Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 15, Agricultural and Related Biotechnologies.Students will be able to create lesson plans that would enable a teacher to teach basic principles involving STL Standard 16, Energy and Power Technologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 14, Medical Technologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 15, Agricultural and Related Biotechnologies.Students will be able to demonstrate technical understanding of a few technological issues and think critically regarding the wise development and use of technology relative to STL Standard 16, Energy and Power Technologies.

TES 377 - Teaching Methods in Technology Education

Course Information

Teaching Area (new)
TES

Course Number
377

Teaching Area
TES

Course Title
Teaching Methods in Technology Education

Course Description
Developing meaningful and engaging instruction for secondary students in technology education; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

When Taught
Winter Term 1.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TES 276B - Exploration of Teaching B (Inactive)

Learning Outcomes

Title
Introductions

Tags
181058, 7

Learning Outcome
This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB \/ 801-422-3426) can answer questions you have about the licensure requirements (http:\/\/education.byu.edu\/ess\/licensing.html) for your teaching major or minor.<\/p>\n

As students progress through the Technology and Engineering Studies - Teaching Track, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The standards that encompass the knowledge, dispositions and skills that teachers should have are known as the UETS standards and can be found on the TES Teaching Track Outcomes webpage. The following UETS standards will be addressed in this class

Title
Introduction

Tags
181115, 8

Learning Outcome
Educator Preparation Program Outcomes This course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This course will help you fulfill the EPP Outcomes required for accreditation. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor. As students progress through the Technology and Engineering Studies - Teaching Track, they should gain knowledge, dispositions and skills that will enable them to become effective teachers. The competencies that encompass the knowledge, dispositions and skills that teachers should have are outlined on the BYU Professional Teacher Candidate Assessment document. The following BYU Professional Teacher Candidate Assessment (BYU TCA) competencies will be addressed in this class (TES 377).

Title
Classroom Climate

Learning Outcome
Preservice teachers will design a classroom climate that will enable students to engage in successful learning activities as evidenced by the "Classroom Climate" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Instructional Practice

Learning Outcome
Preservice teachers will develop successful instruction practices as evidenced by the "Instructional Practice" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Learners and Learning

Learning Outcome
Preservice teachers will demonstrate evidence of knowledge of various types of classroom learners and evidence of learning as evidenced by the "Learners and Learning" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Instructional Clarity

Learning Outcome
Preservice teachers will be able to develop clear instruction that is structured and based upon valid learning outcomes as evidenced by the "Instructional Clarity" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Course Level Outcomes Level 2

Learning Outcome
1. Students will be able to identify the basic theories of student motivation and apply these theories to design classroom instruction for a technology and engineering classroom. 2. Students will be able to identify and differentiate between direct and inquiry- based instruction and to develop lesson plans using both instructional approaches. 3. Students will be able to develop instructional objectives that address cognitive, affective, and psychomotor domains of learning. 4. Students will be able to develop instructional objectives for each of the levels of Blooms taxonomy. 5. Students will be able to develop a disclosure document that outlines classroom procedures and student expectations appropriate for a T&E classroom. 6. Students will be able to identify instructional strategies and teaching methods that might be used in a T&E classroom and to incorporate these strategies into a lesson plan. 7. Students will be able to develop an assessment plan that includes strategies for formative and summative assessment in a T&E classroom. 8. Students will be able to develop a rubric for assessment of a technology and engineering classroom activity. 9. Students will be able to develop a plan for implementing problem solving strategies into their course instruction. 10. Students will be able to identify implications for how students learn; including addressing student pre-conceptions of course content, developing student competence in a content area, and developing strategies for meta-cognition. 11. Students will also be able to identify interventions for each of these areas. Students will be able to identify examples of student multiple intelligences and develop a plan for how this might affect instruction in the classroom. 12. Students will be able to describe appropriate procedures for implementing cooperative learning into classroom activities.

TES 378 - Practicum in Technology Education

Course Information

Teaching Area (new)
TES

Course Number
378

Teaching Area
TES

Course Title
Practicum in Technology Education

Course Description
Implementing meaningful and engaging instruction for secondary students in technology education; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

When Taught
Winter Term 2.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TES 377 - Teaching Methods in Technology Education

Learning Outcomes

Title
Course Outcome - Level 1

Tags
181283, 0

Learning Outcome
Educator Preparation Program Outcomes This practicum course is part of your preparation for licensure in a major or minor that is part of the BYU Educator Preparation Program (EPP). This practicum experience will help you fulfill the competencies required for licensure as outlined in the BYU Professional Teacher Candidate Assessment Document. Advisors in Education Student Services (350 MCKB / 801-422-3426) can answer questions you have about the licensure requirements (http://education.byu.edu/ess/licensing.html) for your teaching major or minor. The Following are Level 1 Outcomes for this class.

Title
Classroom Climate

Tags
181063, 0, 1

Learning Outcome
Preservice teachers will design and implement in a practicum environment a classroom climate that will enable students to engage in successful learning activities as evidenced by the "Classroom Climate" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Instructional Practice

Learning Outcome
Preservice teachers will develop successful instruction practices as evidenced by the "Instructional Practice" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Learners and Learning

Learning Outcome
Preservice teachers will demonstrate evidence of knowledge of various types of classroom learners and evidence of learning in a practicum classroom environment as evidenced by the "Learners and Learning" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Instructional Clarity

Learning Outcome
Preservice teachers will be able to develop and implement in a practicum classroom environment clear instruction that is structured and based upon valid learning outcomes as evidenced by the "Instructional Clarity" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Professional responsibility

Learning Outcome
Preservice teachers will be able to demonstrate in a practicum classroom environment professional responsibility as evidenced by the "Professional Responsibility" competencies listed in the BYU Professional Teacher Candidate Assessment (BYU TCA).

Title
Course Outcomes - Level 2

Learning Outcome
1. Students will identify the basic steps of the Backwards Design approach to curriculum development and use these steps to develop a curricular unit to be taught as part of the practicum experience in a middle school setting. 2. As part of their practicum experience, students will successfully develop and teach a curricular unit (including unit plan, lesson plans, assessments, lab experiences, instructional materials) in a middle school technology and engineering classroom. Note: the mentor teacher and the university supervisor will assess this practicum experience using the BYU TCA assessment. 3. During their practicum experience, students will demonstrate effective classroom management strategies.

TES 399R - Academic Internship

Course Information

Teaching Area (new)
TES

Course Number
399R

Teaching Area
TES

Course Title
Academic Internship

Course Description
Work experience in technical and/or teaching environment. Internship will be supervised by employer and program internship coordinator. Formal technical report required.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Department chair's consent.

Note
An APPROVED Internship Application is required before adding. Note: Follow the Department Pre-registration Instructions prior to Internship Application.

TES 400 - Furniture Design and Advanced Woodworking Processes

Course Information

Teaching Area (new)
TES

Course Number
400

Teaching Area
TES

Course Title
Furniture Design and Advanced Woodworking Processes

Course Description
Designing several projects and building a significant piece of furniture. Topics include: current and past designers; surface decoration through coloring, texturing, pyrography; models, mock-ups, working drawings; bending, turning, advanced machining.

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TES 200 - Processes and Prototyping with Wood

Learning Outcomes

Title
Course Outcomes - Level 1

Tags
181153, 0

Learning Outcome
Each candidate possesses a knowledge of and an ability to implement a contemporary technology and engineering education program based on all 20 of the Standards for Technological Literacy developed by the International Technology and Engineering Educators Association (ITEEA).

Title
Course Outcomes - Level 2

Tags
181289, 1

Learning Outcome

Explore furniture design and design and build a significant piece of furniture.

Prepare a research report summarizing the life and key contributions of a furniture designer assigned/selected from the list provided and give a brief presentation (five minutes) to the class of your findings.

Construct 6 sketch models of possible furniture pieces.

Complete thumbnail design sketches of at least 24 pieces of furniture that could be appropriate to build in the class.

Complete a working drawing which includes a 3-view orthographic projection drawn to an appropriate scale, and full scale details of all joints and connections of materials (including those containing hardware).

If building a chair, a full-scale mock-up is required and will substitute for the primary views of the drawing requirement, full scale details of each joint or connection of materials is still required.

Complete a cost estimate using the Estimating Sheet provided.

Complete a plan of procedure detailing the sequence to be followed in building your furniture.

Using a variety of surface decoration/manipulation techniques make three surface decoration swatches approximately 1/4" x 2" x 5".

Design and make two full-scale, completely finished, functioning door or drawer pulls.

TES 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
TES

Course Number
476

Teaching Area
TES

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Completion of all course work or departmental approval.

Learning Outcomes

Title
Course Outcomes - Level 1

Tags
181331, 1

Learning Outcome

UETS Standard 1: Learner Development. Each candidate understands cognitive, linguistic, social, emotional, and physical areas of student development.?
UETS Standard 2: Learning Differences. Each candidate understands individual learner differences and cultural and linguistics diversity.
UETS Standard 3: Learning Environments?. Each candidate works with learners to create environments that support individual and collaborative learning, encouraging positive social interaction, active engagement in learning, and self-motivation.?
UETS Standard 4: Content Knowledge. Each candidate understands the central concepts, tools of inquiry, and structure of the discipline.
UETS Standard 5: Assessment. Each candidate uses multiple methods of assessment to engage learners in their own growth, monitor learner progress, guide planning and instruction, and determine whether the outcomes described in content standards have been met.?
UETS Standard 6: Instructional Planning. Each candidate plans instruction to support students in meeting rigorous learning goals by drawing upon knowledge of content area, Core Curriculum standards, instructional best practices, and the community context.
UETS Standard 7: Instructional Strategies. Each candidate uses various instructional strategies to ensure that all learners develop a deep understanding of content areas and their connections, and build skills to apply and extend knowledge in meaningful ways.
UETS Standard 8: Reflection and Continuous Growth. Each candidate is a reflective practitioner who uses evidence to continually evaluate and adapt practice to meet the needs of each learner.?
UETS Standard 9: Leadership and Collaboration. Each candidate is a leader who engages collaboratively with learners, families, and colleagues, and community members to build a shared vision and supportive professional culture focused on student growth and success.?
UETS Standard 10: Professional and Ethical Behavior. Each candidate demonstrates the highest standard of legal, moral, and ethical conduct as specified in Utah State Board Rule R277-515.

Title
Course Outcomes - Level 2

Tags
181330, 2

Learning Outcome

Students will work with a colleague to plan and teach curriculum.

Students will understand the physical, mental, emotional, and social demands of a junior high and/or high school teacher.

Students will complete the requirements for Secondary Education and licensure.

TES 490R - Independent Research and Development

Course Information

Teaching Area (new)
TES

Course Number
490R

Teaching Area
TES

Course Title
Independent Research and Development

Course Description
Individually preparing technical content associated with selected technological emphases.

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

Other Prerequisites
Program supervisor's consent.

Fee
Variable

Note
Fee.

TES 495R - Global Engineering Outreach Projects

Course Information

Teaching Area (new)
TES

Course Number
495R

Teaching Area
TES

Course Title
Global Engineering Outreach Projects

Course Description
Humanitarian-based engineering and technology project development involving multi-disciplinary teams.

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Engineering or technology major enrolled in upper-division major courses; instructor's consent.

TES 496 - Academic Internship

Course Information

Teaching Area (new)
TES

Course Number
496

Teaching Area
TES

Course Title
Academic Internship

Course Description
Capstone, field-based, year-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

When Taught
Fall

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
All course work or departmental approval; major GPA of 2.85; at least a C- in TES 377.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Internship

Tags
181364, 1

Learning Outcome
Students will improve upon what they have learned at BYU by going out into industry and gaining additional experience through mentoring and teaching in the schools of the surrounding community.

TEST 101 - Test Class-Contact Registrar

Course Information

Teaching Area (new)
TEST

Course Number
101

Teaching Area
TEST

Course Title
Test Class-Contact Registrar

Course Description
Course created for the purpose of testing.

Department
1000

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
0

Other Prerequisites
Background check.

THAI 100 - Language Study: Thai

Course Information

Teaching Area (new)
THAI

Course Number
100

Teaching Area
THAI

Course Title
Language Study: Thai

Course Description
Survival-level conversation, reading, listening, and culture skills in the Thai.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196832, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196835, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196837, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

THAI 101 - First-Year Language Study: Thai

Course Information

Teaching Area (new)
THAI

Course Number
101

Teaching Area
THAI

Course Title
First-Year Language Study: Thai

Course Description
Beginning speaking, listening, reading, and writing skills in Thai.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196736, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196738, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196740, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196826, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

THAI 102 - First-Year Language Study: Thai

Course Information

Teaching Area (new)
THAI

Course Number
102

Teaching Area
THAI

Course Title
First-Year Language Study: Thai

Course Description
Second-semester speaking, listening, reading, and writing skills in Thai.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- THAI 101 - First-Year Language Study: Thai

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196730, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196731, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196732, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196734, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

THAI 201 - Second-Year Language Study: Thai

Course Information

Teaching Area (new)
THAI

Course Number
201

Teaching Area
THAI

Course Title
Second-Year Language Study: Thai

Course Description
Intermediate speaking, listening, reading, and writing skills in Thai.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- THAI 102 - First-Year Language Study: Thai

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196719, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196722, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196723, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196726, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

THAI 202 - Second-Year Language Study: Thai

Course Information

Teaching Area (new)
THAI

Course Number
202

Teaching Area
THAI

Course Title
Second-Year Language Study: Thai

Course Description
Continued emphasis on Thai communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- THAI 201 - Second-Year Language Study: Thai

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196712, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196714, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196716, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196717, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

THAI 305 - Language Skills Development: Thai

Course Information

Teaching Area (new)
THAI

Course Number
305

Teaching Area
THAI

Course Title
Language Skills Development: Thai

Course Description
Increasing proficiency in one or more of the following Thai language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196708, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196709, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196710, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

THAI 321 - Advanced Grammar: Thai

Course Information

Teaching Area (new)
THAI

Course Number
321

Teaching Area
THAI

Course Title
Advanced Grammar: Thai

Course Description
Advance your Thai through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196705, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196706, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196707, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai

Course Information

Teaching Area (new)
THAI

Course Number
330

Teaching Area
THAI

Course Title
Advanced Language Proficiency Through Cultural Studies: Thai

Course Description
Study of Thai culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Thai 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196701, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196702, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196703, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196704, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

THAI 340 - Introduction to Literature: Thai

Course Information

Teaching Area (new)
THAI

Course Number
340

Teaching Area
THAI

Course Title
Introduction to Literature: Thai

Course Description
Explore Thai culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
May fulfill the Letters GE requirement.

Learning Outcomes

Title
Recognize and Analyze

Tags
196696, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196698, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196699, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196700, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

THAI 350 - Advanced Language Study for Career Purposes: Thai

Course Information

Teaching Area (new)
THAI

Course Number
350

Teaching Area
THAI

Course Title
Advanced Language Study for Career Purposes: Thai

Course Description
Concentration on Thai language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- THAI 330 - Advanced Language Proficiency Through Cultural Studies: Thai

Learning Outcomes

Title
Defined Career Purposes

Tags
196688, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196689, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196690, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196691, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196692, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TIBET 100 - Language Study: Tibetan

Course Information

Teaching Area (new)
TIBET

Course Number
100

Teaching Area
TIBET

Course Title
Language Study: Tibetan

Course Description
Survival-level conversation, reading, listening, and culture skills in Tibet.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196684, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196685, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196687, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TIBET 101 - First-Year Language Study: Tibetan

Course Information

Teaching Area (new)
TIBET

Course Number
101

Teaching Area
TIBET

Course Title
First-Year Language Study: Tibetan

Course Description
Beginning speaking, listening, reading, and writing skills in Tibet.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196679, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196680, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196681, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196682, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TMA 100 - Introduction to Visual Literacy

Course Information

Teaching Area (new)
TMA

Course Number
100

Teaching Area
TMA

Course Title
Introduction to Visual Literacy

Course Description
Overview of visual communication, with hands-on experience in multimedia design and tools, structured to increase awareness of visual functions and develop beginning proficiency with computer-assisted visual communications.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
Visual Literacy

Tags
189176, 1

Learning Outcome
Students will demonstrate knowledge in visual literacy. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

TMA 102 - Introduction to Film

Course Information

Teaching Area (new)
TMA

Course Number
102

Teaching Area
TMA

Course Title
Introduction to Film

Course Description
Analytical studies for understanding and appreciating media forms and messages, as well as basic history, theory, and aesthetics. Lab required.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
2

Note
Students enrolled in on-campus sections must attend one session of Classic Cinema each week. Online sections have an alternative viewing requirement.

Learning Outcomes

Title
Intelligent Film Viewing

Tags
188432, 1

Learning Outcome
Students will become active, intelligent film viewers.

Title
Elements of Film

Tags
188433, 2

Learning Outcome
Students will be exposed to the practical elements of film.

Title
Story and Style Strategies

Tags
188434, 3

Learning Outcome
Students will learn about a wide range of stories and stylistic strategies utilized by film artists and institutions.

Title
Film Analysis

Tags
188435, 4

Learning Outcome
Students will become familiar with new and helpful ways of receiving films. They will be able to evaluate and analyze films in a variety of contexts.

TMA 105 - Using Basic Film Tools

Course Information

Teaching Area (new)
TMA

Course Number
105

Teaching Area
TMA

Course Title
Using Basic Film Tools

Course Description
Introductory course to familiarize students with basics in camera, lighting, and sound fundamentals.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Other Prerequisites
Media arts major or minor status or animation major status; concurrent enrollment in TMA 185

Note
To register, choose "Add an Envelope of Classes" in the Register section of MyMAP.

Learning Outcomes

Title
Expanding Knowledge

Tags
188562, 1

Learning Outcome
Students will become familiar with new and helpful ways of receiving films. They will be able to evaluate and analyze films in a variety of contexts.

Title
Story Creation

Tags
188563, 2

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

Title
Peer Evaluation and Collaboration

Tags
188564, 3

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

TMA 110 - Media Arts Experience

Course Information

Teaching Area (new)
TMA

Course Number
110

Teaching Area
TMA

Course Title
Media Arts Experience

Course Description
Practical introductory experience working in media environments (including film and broadcast facilities).

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
4

Other Prerequisites
Premajor status

Learning Outcomes

Title
Media Arts Experience

Tags
189177, 1

Learning Outcome
Students will participate in media arts-based experiences. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

TMA 111 - Performance Matters

Course Information

Teaching Area (new)
TMA

Course Number
111

Teaching Area
TMA

Course Title
Performance Matters

Course Description
An introduction to the Theatre Arts Studies major that emphasizes the critical thinking and creative planning necessary to become an innovative scholar artist.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Learning Outcomes

Title
Degree Planning and Mentorship

Tags
207391, 0, 1

Learning Outcome
Students will create a graduation plan in consultation with a faculty mentor and academic advisor.

Title
Career and Life Trajectory Development

Tags
207392, 0, 2

Learning Outcome
Students will discuss various life trajectories both inside and outside the world of theatre and begin to formulate a plan for their own journey.

Title
Lifelong Learning

Tags
209265, 0, 3

Learning Outcome
Students will begin to develop lifelong learning habits, both for theatre and life in general.

TMA 114 - Reading and Constructing Narratives

Course Information

Teaching Area (new)
TMA

Course Number
114

Teaching Area
TMA

Course Title
Reading and Constructing Narratives

Course Description
Analyzing basic narrative principles; conceptualizing and writing narratives for media arts.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
Media Arts major or minor status.

Learning Outcomes

Title
Analyze and Synthesize Story Types

Tags
188569, 1

Learning Outcome
Students will critically analyze various story types from literature, visual arts, performing arts and the Gospel of Jesus Christ, identifying their influences on the construction and development of film narratives.

Title
Investigate Contextual Contexts

Tags
188570, 4

Learning Outcome
Students will investigate historical, theoretical, and spiritual contexts, utilizing relevant texts, materials, and sources to deepen their understanding of film narratives and their structures.

Title
Engage in Critical Reflection

Tags
189151, 2

Learning Outcome
Students will engage with film texts by thinking about the context(s) in which they are created, discussing their potential for meaning making, and writing about them critically and analytically.

Title
Practice Creating Narratives

Tags
189152, 3

Learning Outcome
Students will apply their understanding of narrative types and contextual influences to construct small original narratives, demonstrating historical and theoretical awareness in their creative work.

TMA 115 - Introduction to Performance Studies

Course Information

Teaching Area (new)
TMA

Course Number
115

Teaching Area
TMA

Course Title
Introduction to Performance Studies

Course Description
Exploration of performance in all areas of life--religion, gaming, sports, theatre, dance, music, visual art, ethnicity, popular culture, etc..

Department
Theatre and Media Arts

When Taught
Fall, Winter, Summer

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Theatre arts studies major or minor status; or BFA acting major or acting pre-major status; or theatre education major status.

Learning Outcomes

Title
Performance Studies History

Tags
188868, 1

Learning Outcome
Students will identify many of the key figures and movements that have contributed to the history of Performance Studies.

Title
Performance Analysis

Tags
188973, 2

Learning Outcome
Students will utilize the vocabulary of Performance Studies to analyze various performances in the world around them.

TMA 122 - Voice Production and Phonetics 1

Course Information

Teaching Area (new)
TMA

Course Number
122

Teaching Area
TMA

Course Title
Voice Production and Phonetics 1

Course Description
Foundational exercises to aid in freeing tensions, habits/patterns, and finding the natural state of the voice. Lab required. Introduction to the use of Standard American Stage Dialect with International Phonetic Alphabet. Identification of speech/articulation problems.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
BFA acting or acting pre-major status; or instructor's consent.

Learning Outcomes

Title
Voice Production

Tags
188436, 0, 1

Learning Outcome
Students will practice voice production techniques integrating voice work, body awareness, and emotional dexterity.

Title
International Phonetic Alphabet

Tags
188438, 0, 3

Learning Outcome
Students will identify and incorporate key characteristics of the International Phonetic Alphabet and integrate that knowledge into performance.

Title
Evaluation and Peer Coaching

Tags
188439, 0, 4

Learning Outcome
Students will self-evaluate progress and practice effective and supportive peer coaching.

Title
Work Ethic

Tags
210863, 0, 5

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaborations and the ability to make independent choices.

TMA 123 - Acting Fundamentals

Course Information

Teaching Area (new)
TMA

Course Number
123

Teaching Area
TMA

Course Title
Acting Fundamentals

Course Description
Fundamental acting skills: exercises in perception, objective/action, thought processes, scoring of scripts. Lab required.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Note
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

Learning Outcomes

Title
Professional Practice and Behaviors

Tags
188972, 1

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, a sense of ensemble, and the ability to make independent choices.

Title
Acting Skills

Tags
188869, 0, 3

Learning Outcome
Students will develop script and character analysis skills including identifying circumstances, relationships, objectives, obstacles, and actions/ tactics.

Title
Critical Observation

Tags
189061, 0, 4

Learning Outcome
Students will develop critcial observation skills through attendance at theatrical performances and the reading of selected dramatic texts.

TMA 125 - Yoga and Alexander Technique

Course Information

Teaching Area (new)
TMA

Course Number
125

Teaching Area
TMA

Course Title
Yoga and Alexander Technique

Course Description
Techniques of relaxation, breath, focus, and posture to enhance actor's body and voice as a whole integrated tool in performance.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
BFA acting or acting pre-major status; or instructor's consent.

Learning Outcomes

Title
Yoga Practice

Tags
188442, 0, 3

Learning Outcome
Students will develop greater body awareness, breath capacity, flexibility, strength and relaxation through the practice of various Yoga positions.

Title
Balance

Tags
188443, 0, 4

Learning Outcome
Students will demonstrate a sense of balance and centering.

Title
Meditation

Tags
210866, 0, 5

Learning Outcome
Students will demonstrate focused control over mind and body.

TMA 128 - Acting 1: BFA or Pre-BFA

Course Information

Teaching Area (new)
TMA

Course Number
128

Teaching Area
TMA

Course Title
Acting 1: BFA or Pre-BFA

Course Description
Accelerated fundamental acting skills: exercises in perception, objective/action, thought processes, scoring of scripts. Lab required.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
1

Other Prerequisites
BFA MDT or acting pre-major status; or instructor's consent.

Note
NOTE: Designed specifically for acting pre-major students and first-year music dance theatre students. NOTE: Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

Learning Outcomes

Title
Critical Observation

Tags
210865, 0, 3

Learning Outcome
Develop critical observation skills through attendance at theatrical performances and the reading of selected dramatic texts.

Title
Work Ethic

Tags
189017, 0, 2

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

Title
Acting Skills

Tags
188873, 0, 1

Learning Outcome
Develop script and character analysis skills including identifying circumstances, relationships, objectives, obstacles, and actions/tactics.

TMA 140 - Script Analysis

Course Information

Teaching Area (new)
TMA

Course Number
140

Teaching Area
TMA

Course Title
Script Analysis

Course Description
An introduction to script analysis for production with an emphasis on close reading, understanding narratives, and the importance of story and audience reception.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Learning Outcomes

Title
Structures and Genres

Tags
207397, 2

Learning Outcome
Students will demonstrate a working knowledge of dramatic structures and genres.

Title
Script Analysis

Tags
207424, 1

Learning Outcome
Students will analyze play scripts in preparation for productions.

TMA 170R - Practicum: Television

Course Information

Teaching Area (new)
TMA

Course Number
170R

Teaching Area
TMA

Course Title
Practicum: Television

Course Description
Practicum in beginning television production skills. Topics will vary by semester.

Department
Theatre and Media Arts

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
0.5

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
BYU Broadcasting Shadowing

Tags
189056, 1

Learning Outcome
Students are expected to gain knowlege and skills by shadowing a Television Professional at BYU Broadcasting.

TMA 184R - Practicum: Cinematic Skills

Course Information

Teaching Area (new)
TMA

Course Number
184R

Teaching Area
TMA

Course Title
Practicum: Cinematic Skills

Course Description
Fundamentals of cinematic skills.

Department
Theatre and Media Arts

When Taught
Spring and Summer Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
LDS Motion Picture Studios Shadowing

Tags
188571, 1

Learning Outcome
Students are expected to gain added knowlege and skills by shadowing a Film Professional at the LDS Motion Pictures Studio.

TMA 185 - Basic Film Production

Course Information

Teaching Area (new)
TMA

Course Number
185

Teaching Area
TMA

Course Title
Basic Film Production

Course Description
Introduction to basics of film and video production. Includes lecture and practical lab experiences with audio and video.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
3

Other Prerequisites
Media arts major/minor status or animation major status; concurrent enrollment in TMA 105

Learning Outcomes

Title
Expanding Knowledge

Tags
188572, 1

Learning Outcome
Students will improve their capacity as story tellers and filmmakers.

Title
Story Creation

Tags
188573, 2

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

Title
Text Analysis

Tags
188574, 3

Learning Outcome
Students will engage with texts about storytelling and production processes.

Title
Peer Evaluation and Collaboration

Tags
188575, 4

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration.

TMA 187 - Production Management: Beginning

Course Information

Teaching Area (new)
TMA

Course Number
187

Teaching Area
TMA

Course Title
Production Management: Beginning

Course Description
Fundamentals of media production; budgeting, scheduling, and management skills.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Learning Outcomes

Title
Professional Communication

Tags
188578, 0, 3

Learning Outcome
Students will be taught to communicate effectively, appropriately and competently in a business environment.

Title
Personal Development

Tags
188579, 0, 4

Learning Outcome
Students will learn how to anticipate and prepare for unexpected challenges, develop essential questions and find their answers, manage details and to creatively problem-solve.

Title
Role Responsibilities

Tags
210335, 0, 5

Learning Outcome
Students will gain a broad-stroke understanding of the responsibilities of all key crew positions, with an emphasis on understanding what the student is undertaking and what is expected when he/she agrees to accept a department head or other key role - particularly that of Producer or Unit Production Manager; Additionally, the student will understand how all roles work together to create a collaborative and mutually edifying environment.

Title
Producing/Production Management Basics

Tags
210336, 0, 6

Learning Outcome
Students will gain a specific understanding and working knowledge of the responsibility of a film's Producer/Unit Production Manager and its accompanying practical application.

Title
Page to Screen

Tags
210337, 0, 7

Learning Outcome
Students will discover resources for story development, how to create and develop story ideas at a basic level, learn to comprehensively analyze a script, break it down, to identify both implicit and explicit elements, and determine to which departments the identified elements belong. Students will learn to synthesize the information and how to use that information to develop a budget, schedule, and to generally prepare for production.

Title
Phases of Film Production

Tags
210338, 0, 8

Learning Outcome
Students will understand the essentials of the pre-production/planning stage of a film, including budgeting, scheduling and all elements required to ready a film for production [shooting], and also learn the basics associated with production [shooting] and post-production.

Title
Production Wrap

Tags
210339, 0, 9

Learning Outcome
Students will understand how to wrap production, including scheduling wrap, the unique wrap requirements for each department in each phase of production, and what activities, reporting, tasks and paperwork must be complete in order to release cast and crew and declare a full project wrap.

TMA 199R - Academic Internship

Course Information

Teaching Area (new)
TMA

Course Number
199R

Teaching Area
TMA

Course Title
Academic Internship

Course Description
Off-campus experience or internship in theatre and media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Theatre students: TMA 115 and application. Media students: TMA 112 and 114 and 185/105 and application.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Individual Internship

Tags
188587, 1

Learning Outcome
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

Title
Individual Internship

Tags
188978, 1

Learning Outcome
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

TMA 201 - Dramatic Performance: Antiquity to Renaissance

Course Information

Teaching Area (new)
TMA

Course Number
201

Teaching Area
TMA

Course Title
Dramatic Performance: Antiquity to Renaissance

Course Description
Civilization from Greek antiquity through Renaissance, primarily from perspective of dramatic literature and performance. Ways in which performance functions within particular socioeconomic, political, religious, and aesthetic perspectives.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Great Works

Tags
188453, 2

Learning Outcome

Students will analyze great works of literature through multiple perspectives-society, culture, politics, economics, gender roles, religion-to better understand the ways in which dramatic performance functioned in particular times and places.

Title
Self-representation

Tags
189297, 3

Learning Outcome

Students will appraise (1) how we represent the world, others, and ourselves and (2) the consequences of these representations for our families, our communities, and ourselves.

Title
Historical Context

Tags
188452, 0, 1

Learning Outcome

Students will demonstrate a general working knowledge of major historical periods, philosophical trends, and performance movements and will draw connections between society and performance.

TMA 202 - Dramatic Performance: Renaissance to the Present

Course Information

Teaching Area (new)
TMA

Course Number
202

Teaching Area
TMA

Course Title
Dramatic Performance: Renaissance to the Present

Course Description
Civilization from Renaissance through present, primarily from perspective of dramatic literature and performance. Ways in which performance functions within particular socioeconomic, political, religious, and aesthetic perspectives.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Great Works

Tags
188455, 2

Learning Outcome
Students will analyze great works of literature through multiple perspectives-society, culture, politics, economics, gender roles, religion-to better understand the ways in which dramatic performance functioned in particular times and places.

Title
Self-representation

Tags
188456, 3

Learning Outcome
Students will appraise 1) how we represent the world, others, and ourselves and 2) the consequences of these representations for our families, our communities, and ourselves.

Title
Historical Context

Tags
188454, 0, 1

Learning Outcome
Students will demonstrate a general working knowledge of major historical periods, philosophical trends, and performance movements and will draw connections between society and performance.

TMA 215R - Special Projects 1

Course Information

Teaching Area (new)
TMA

Course Number
215R

Teaching Area
TMA

Course Title
Special Projects 1

Course Description
Special projects in theatre and media arts.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Theatre and media arts major status. By application only.

Learning Outcomes

Title
Statement on Outcomes

Tags
189169, 0

Learning Outcome
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

TMA 220R - Workshop 1: Acting

Course Information

Teaching Area (new)
TMA

Course Number
220R

Teaching Area
TMA

Course Title
Workshop 1: Acting

Course Description
Experience in production: acting.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
By audition only

Learning Outcomes

Title
Performance Project

Tags
188457, 2

Learning Outcome
Students will prepare a role in a mainstage production synthesizing and showcasing the research, creative process, and collaboration of the rehearsal process.

Title
Professional Habits

Tags
188459, 0, 1

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

TMA 222 - Voice Production and Phonetics 2

Course Information

Teaching Area (new)
TMA

Course Number
222

Teaching Area
TMA

Course Title
Voice Production and Phonetics 2

Course Description
Advanced exercises to aid in the understanding and use of optimal vocal technique with emphasis on singing. Continued study and mastery of Standard American Stage Dialect with International Phonetic Alphabet. Lab required.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 115 - Introduction to Performance Studies

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 122 - Voice Production and Phonetics 1

Other Prerequisites
BFA acting or acting pre-major status. By audition only.

Note
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

Learning Outcomes

Title
International Phonetic Alphabet

Tags
188461, 0, 2

Learning Outcome
Students will demonstrate a continuing mastery of the key characteristics of the International Phonetic Alphabet.

Title
Evaluation and Work Ethic

Tags
188463, 0, 4

Learning Outcome
Students will be able to self-evaluate individual progress and performance, practice effective and supportive peer coaching and evaluation, and apply professional work habits.

Title
Vocal Technique

Tags
188460, 0, 1

Learning Outcome
Students will demonstrate advanced voice production techniques with special emphasis on singing in performance.

TMA 225 - Neutral Mask

Course Information

Teaching Area (new)
TMA

Course Number
225

Teaching Area
TMA

Course Title
Neutral Mask

Course Description
Use of masks in teaching specificity of movement, communication, and emotion.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 125 - Yoga and Alexander Technique
  AND TMA 128 - Acting 1: BFA or Pre-BFA
  AND TMA 228 - Acting 2

Other Prerequisites
By audition only

Learning Outcomes

Title
Laban Techniques

Tags
188474, 0, 2

Learning Outcome
Students will utilize Laban technique as a means of expanding physical and emotional performance range.

Title
Mask Techniques

Tags
188475, 0, 3

Learning Outcome
Students will create fully realized characters utilizing mask performance techniques.

TMA 227 - Acting Explorations

Course Information

Teaching Area (new)
TMA

Course Number
227

Teaching Area
TMA

Course Title
Acting Explorations

Course Description
Exploration into various Western acting techniques, styles, and practices to provide further acting experiences as part of a liberal arts education.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 123 - Acting Fundamentals

Learning Outcomes

Title
Professionalism

Tags
189144, 2

Learning Outcome
Students will acquire the positive work habits of an actor, i.e.: dependability, punctuality, cooperation, dedication, consideration of fellow actors, and ensemble work.

Title
Performance Analysis

Tags
189145, 3

Learning Outcome
Students will demonstrate their ability to analyze a play from an actor's point of view.

Title
Communication Skills

Tags
189146, 1

Learning Outcome
Students will demonstrate communication skills (focus, objectives & actions, active listening, character empathy, kinesthetic energy, etc.) drawn from a variety of acting traditions.

TMA 228 - Acting 2

Course Information

Teaching Area (new)
TMA

Course Number
228

Teaching Area
TMA

Course Title
Acting 2

Course Description
Integrating acting skills; building a character through exercises and scene work.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 123 - Acting Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 128 - Acting 1: BFA or Pre-BFA

Other Prerequisites
BFA acting or BFA MDT or acting pre-major status. By audition only.

Note
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

Learning Outcomes

Title
Acting Skills

Tags
189034, 0, 1

Learning Outcome
Using imagination and concentration, students will create performances that integrate their actor's analyses into character behavior that is immediate and vulnerable.

Title
Character and Script Analyses

Tags
189048, 0, 2

Learning Outcome
Working from the actor's perspective, students will discern plays' circumstances and character relationships, locate events, define objectives, identify obstacles, and choose fitting actions/tactics.

Title
Performance and Play Critiques

Tags
211657, 0, 3

Learning Outcome
Students will develop creative and critical thinking skills by writing critiques after viewing performances and reading plays.

Title
Professionalism

Tags
210868, 0, 4

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 236 - Playmaking

Course Information

Teaching Area (new)
TMA

Course Number
236

Teaching Area
TMA

Course Title
Playmaking

Course Description
A survey of the wide range of ways that performance can be made: from a script, through devising, in adaptation, via community collaboration, and more.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 111 - Performance Matters
  AND TMA 115 - Introduction to Performance Studies
  AND TMA 140 - Script Analysis

Other Prerequisites
Theatre Arts Studies majors must take TMA 111, 115, 140. Students who have declared a Theatre Arts Studies minor, Theatre Education major, BFA Acting major or BFA Acting pre-major must take TMA 115 and 140. With instructor's consent, students may take either or both of the following courses concurrently with TMA 236: TMA 111 and 115. Non Theatre Arts Studies majors may take TMA 236 without taking TMA 111 by instructor consent.

Learning Outcomes

Title
Methods

Tags
207400, 1

Learning Outcome
Students will identify the wide range of methods by which performance can be created.

Title
Performance Practice

Tags
207401, 0, 2

Learning Outcome
Students will demonstrate their knowledge of playmaking and will creatre a range of performance pieces.

TMA 238 - Acting Improvisation

Course Information

Teaching Area (new)
TMA

Course Number
238

Teaching Area
TMA

Course Title
Acting Improvisation

Course Description
Discovery of emotion, thought process, and impulse through improvisation.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 228 - Acting 2

Other Prerequisites
BFA acting or BFA MDT or acting pre-major status. By audition only.

Learning Outcomes

Title
Analysis Skills

Tags
188464, 0, 1

Learning Outcome
Students will analyze performance texts and apply that analysis to improvised performance.

Title
Performance and Impulse Skills

Tags
188466, 0, 3

Learning Outcome
Students will demonstrate impulsivity in the performance of improvisational exercises and scene work.

Title
Expression

Tags
188467, 0, 4

Learning Outcome
Students will identify and explore methods of emotional and physical expression in characterization and performance.

TMA 241 - Screenwriting 1

Course Information

Teaching Area (new)
TMA

Course Number
241

Teaching Area
TMA

Course Title
Screenwriting 1

Course Description
Covers principles of story, character, structure, theme and formatting necessary to successfully write for the screen, with specific emphasis on writing the short screenplay.

Department
Theatre and Media Arts

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives

Other Prerequisites
For TMA Minors, instructor approval is required

Learning Outcomes

Title
Artistic Voice

Tags
208423, 0, 5

Learning Outcome
Students will be able to view the world through the lens of a storyteller and use insights from this view to establish an individual artistic and critical voice in terms of animation storytelling.

Title
Basic Artistry of Screenwriting

Tags
188480, 0, 2

Learning Outcome
Students will be able to apply the basic artistic principles of screenwriting, including use of character, structure, images, meaning, theme, etc. and will be able to write scripts with quality storytelling.

Title
Language of Professional Screenwriting

Tags
188479, 0, 1

Learning Outcome
Students will be able to follow practices of professional screenwriting, including formatting, economy of description, etc. Students will also be able to differentiate between the needs of writing for live action versus animation.

Title
Collaborative Storytelling

Tags
188481, 0, 3

Learning Outcome
Students will be able to collaborate in production and story development, including present stories for large group projects.

Title
Giving and Receiving Feedback

Tags
188482, 0, 4

Learning Outcome
Students will be able to give constructive feedback on others' stories and receive constructive feedback on their own work.

TMA 251 - Playwriting 1

Course Information

Teaching Area (new)
TMA

Course Number
251

Teaching Area
TMA

Course Title
Playwriting 1

Course Description
Basic playwriting principles through reading, completing writing assignments, testing, and writing the first draft of a one-act play.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
TMA 115 or instructor's consent.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Writing Processes

Tags
188484, 0, 1

Learning Outcome

Students will begin to develop their own process of writing and tapping inspirational sources for content and subject matter.

Title
Theatrical Storytelling

Tags
188485, 0, 2

Learning Outcome

Students will gain a working knowledge of the elements and principles of theatrical storytelling and character development.

Title
Theatrical Structures

Tags
188486, 0, 3

Learning Outcome

Students will learn how to use the appropriate theatrical structures in the writing of their plays.

Title
Script Analysis

Tags
188487, 0, 4

Learning Outcome

Students will begin to develop the skills to accurately and thoughtfully analyze and re-write their own plays.

TMA 252 - Puppetry

Course Information

Teaching Area (new)
TMA

Course Number
252

Teaching Area
TMA

Course Title
Puppetry

Course Description
Theories, techniques, and experience constructing and operating puppets for use in performance, recreational, and educational settings.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
Theatre education major status or instructor's consent

Note
Contact nat@scera.org for meeting location for first day of class.

Learning Outcomes

Title
Design

Tags
188901, 0, 0

Learning Outcome
Students will design, build and manipulate the following types of puppets:

Marionette
Wannabe Puppet
Found Object/Recycled Puppet
Big Mouth (Muppet)
Parade Puppet

Title
Manipulation and Performance

Tags
188992, 0, 1

Learning Outcome

Students will create and develop puppet strategies and skills in traditional and non-traditional environments including

Schools
Churches
Arts/Community Centers
Boys/Girls Clubs
Etc

Title
Ethics

Tags
188934, 0, 2

Learning Outcome
Students will use puppets to explore social and ethical issues within a targeted community.

TMA 255 - Theatre for Young Audiences (TYA) History and Practice

Course Information

Course Number
255

Teaching Area
TMA

Course Title
Theatre for Young Audiences (TYA) History and Practice

Course Description
Students in this class will survey the history and practice of Theatre for Young Audiences (children ages 18 months-18 years) through script study, research of contemporary practice, and exploration of career opportunities in the field. Students read, reflect, view performances, and collaborate on projects.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Learning Outcomes

Title
Effective Communication

Learning Outcome
Students will demonstrate their ability to use gospel principles to communicate effectively with diverse and inclusive teaching and learning communities by demonstrating EDIA (equity, diversity, inclusion, access) principles through curriculum design, delivery, and assessment along with examples of their self-reflective practices.

Title
Scholarly Abilities

Learning Outcome
Students will demonstrate their scholarly and artistic expertise by applying appropriate technology to curriculum, exhibiting a working knowledge of all major elements of theatre history, theory, and practice, and engaging with the great works of theatre and media.

Title
Ethics

Learning Outcome
Students demonstrate their ability to practice and articulate their ethics of theatre by applying gospel-centered values as they contribute to classrooms and individual learners, exercising moral reasoning when faced with ethical dilemmas in their classroom, school or district, and demonstrating a commitment to embracing inclusion, diversity and making a positive difference in their sphere of influence.

TMA 256 - Stage Management 1

Course Information

Teaching Area (new)
TMA

Course Number
256

Teaching Area
TMA

Course Title
Stage Management 1

Course Description
Principles and objectives of stage management. Prepares students for work as assistant and production stage managers.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Technical Training

Tags
188921, 1

Learning Outcome
Students will demonstrate the use of stage management skills and paperwork at an introductory level.

TMA 257 - Storytelling

Course Information

Teaching Area (new)
TMA

Course Number
257

Teaching Area
TMA

Course Title
Storytelling

Course Description
Theories, techniques, and practice in the art of constructing and telling stories for use in performance, recreational, and educational settings.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Other Prerequisites
Theatre education major status or instructor's consent

Learning Outcomes

Title
Writing about Performances

Tags
188886, 1

Learning Outcome
Students will survey and respond to a variety of storytelling styles by observing and writing about live, video and audio performances.

Title
Teaching Strategies

Tags
188989, 2

Learning Outcome
Students will develop teaching strategies and coaching styles designed to support storytellers in targeted communities such as schools, businesses, the entertainment industry, churches, family, etc.

Title
Professional Relationships

Tags
188996, 3

Learning Outcome
Students will foster supportive relationships by connecting to national and local storytellers and organizations.

Title
Individual Storytelling Skill and Style

Tags
189039, 0

Learning Outcome
Students will develop unique individual skills and styles in storytelling, demonstrating ability to create imagery, use vocal animation and characterization, and produce effective story sequences, supported by skilled delivery (body, voice, use of space).

TMA 258 - Theatre Drafting

Course Information

Teaching Area (new)
TMA

Course Number
258

Teaching Area
TMA

Course Title
Theatre Drafting

Course Description
Basic training in manual and computer-aided drafting as well as visualization for theatre.

Department
Theatre and Media Arts

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Technical Training

Tags
189155, 0, 1

Learning Outcome
Student will employ basic computer drafting techniques for applied theoretical in-class projects.

Title
Technical Training

Tags
189156, 0, 2

Learning Outcome
Students will create and assess effective materials for their personal portfolios.

TMA 259 - Principles of Design for Stage

Course Information

Teaching Area (new)
TMA

Course Number
259

Teaching Area
TMA

Course Title
Principles of Design for Stage

Course Description
Survey of visual design principles for theatre, collaborative team techniques; research theory; script analysis; production concept; applied approaches to costume, scenic, lighting, makeup, property and sound design.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 140 - Script Analysis

Other Prerequisites
Or instructor consent.

Learning Outcomes

Title
Technical Training

Tags
189125, 0, 3

Learning Outcome
Students will use effective design language to analyze professional designs, as well as recognize and distinguish the contribution of costumes, sets, lighting, sound, makeup and props to a production.

TMA 260R - Theatre Production

Course Information

Teaching Area (new)
TMA

Course Number
260R

Teaching Area
TMA

Course Title
Theatre Production

Course Description
Beginning practical experience in specialized shops or backstage experience on realized productions.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Other Prerequisites
Instructor's consent

Learning Outcomes

Title
Technical Training

Tags
189193, 0, 1

Learning Outcome
Students will practice technical theatre skills in support of deparment productions.

TMA 261 - Writing for Animation

Course Information

Teaching Area (new)
TMA

Course Number
261

Teaching Area
TMA

Course Title
Writing for Animation

Course Description
Traditional screenwriting emphasizing stories for the medium of animation.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Writing for Animation

Tags
189178, 1

Learning Outcome
Students will demonstrate their ability to write for animation. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

TMA 262 - Costume Construction

Course Information

Course Number
262

Teaching Area
TMA

Course Title
Costume Construction

Course Description
Instruction in translating costume designs into real garments.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
4

Learning Outcomes

Title
Artistic Analysis

Learning Outcome
Gain an understanding of the process of taking a costume from page to stage through and learn the jobs and responsibilities in a Costume Shop.

Title
Technical Training 1

Learning Outcome
Learn terminology and skills so they can follow commercial pattern instructions to create a garment for the stage. They will also learn how to make a commercial pattern more applicable for the stage.

Title
Technical Training 2

Learning Outcome
Demonstrate both hand and machine construction methods suitable for costume construction. Proper method to attach closures. How to thread and use a sewing machine.

Title
Technical Training 3

Learning Outcome
Learn how to make garments that are easily adjusted for size. Taking and applying measurements as well as creating strategies to alter a garment to fit an actor.

TMA 264 - Theatre Lighting 1

Course Information

Course Number
264

Teaching Area
TMA

Course Title
Theatre Lighting 1

Course Description
An introduction to theatre lighting, the equipment, how to operate it, and the basics of designing light for theatre.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
4

Learning Outcomes

Title
Lighting Equipment

Tags
214499, 0, 1, 2023-08-29 13:09:09

Learning Outcome
Students will identify lighting equipment, describe its functionality, and operate it.

Title
Lighting Paperwork

Tags
214500, 0, 2, 2023-08-29 13:09:11

Learning Outcome
Students will create and use standard lighting paperwork at a basic level.

Title
Controllable Qualities and Functions of Light

Tags
214501, 0, 3, 2023-08-29 13:09:12

Learning Outcome
Students will describe the controllable qualities of light and use them to accomplish the functions of light.

Title
Lighting Design

Tags
214502, 0, 4, 2023-08-29 13:09:14

Learning Outcome
Students will design lighting for a theatre production at a basic level.

Title
Properties of Light

Learning Outcome
Students will observe and discuss the physical and spiritual properties of light.

Title
Theatre Lighting Profession

Learning Outcome
Students will identify the typical responsibilities for theatre lighting job titles.

TMA 265 - Sound Reinforcement

Course Information

Teaching Area (new)
TMA

Course Number
265

Teaching Area
TMA

Course Title
Sound Reinforcement

Course Description
Sound reinforcement theory and practice.

Department
Theatre and Media Arts

When Taught
Fall.

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Sound System Basics

Tags
189292, 0, 1

Learning Outcome
Students will describe key parts to a sound system.

Title
Design and Operation

Tags
189293, 0, 2

Learning Outcome
Students will design, install, and operate analog and digital sound systems for moderate sized performance venues.

Title
Sound System Evaluation

Tags
189294, 0, 4

Learning Outcome
Students will evaluate sound systems, and venue accoustics with advanced computer technology and explain the physics behind the analyzed results.

Title
Career Development

Tags
189295, 0, 5

Learning Outcome

Students will complete the different job responsibilities on a theatrical sound crew, communicating and working effectively with production team members.

TMA 266 - Principles of Stage Craft

Course Information

Teaching Area (new)
TMA

Course Number
266

Teaching Area
TMA

Course Title
Principles of Stage Craft

Course Description
Introduction to basic stage craft techniques: scenic tools and materials; construction, rigging and handling of scenery pieces; basic scenery painting techniques; properties construction and acquisition; related stage safety and maintenance. \t

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Technical Training

Tags
189004, 0, 0

Learning Outcome
Students will demonstrate a foundational knowledge of basic scenery construction techniques.

Title
Technical Training

Tags
189094, 0, 1

Learning Outcome
Students will participate in realized scenery construction projects.

TMA 267 - Principles of Makeup

Course Information

Teaching Area (new)
TMA

Course Number
267

Teaching Area
TMA

Course Title
Principles of Makeup

Course Description
Introduction to basic makeup application for stage and screen: corrective, glamour and age; stylized approaches; putty construction; crepe hair; wig application techniques.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Applied Design

Tags
188892, 3

Learning Outcome
Students will apply previous makeup skills for a stylized project and a complete character, including makeup and hair.

Title
Basic Makeup Application

Tags
188872, 0, 0

Learning Outcome
Students will demonstrate basic flat and 2 dimensional makeup, special effects, and hair application skills.

TMA 270R - Practicum: Television

Course Information

Teaching Area (new)
TMA

Course Number
270R

Teaching Area
TMA

Course Title
Practicum: Television

Course Description
Practicum in intermediate television production and direction. Topics will vary depending on specific television programs under production.

Department
Theatre and Media Arts

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
1

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
Application

Tags
189206, 1

Learning Outcome
Students will use skills and knowledge in television based in a professional setting.

Tags
189023, 1

Learning Outcome
This class is currently on Hiatus

TMA 273 - Beginning Documentary Production

Course Information

Teaching Area (new)
TMA

Course Number
273

Teaching Area
TMA

Course Title
Beginning Documentary Production

Course Description
Principles and techniques of documentary production through cinema and other media.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 105 - Using Basic Film Tools
  AND TMA 185 - Basic Film Production
  AND TMA 187 - Production Management: Beginning

Other Prerequisites
None

Learning Outcomes

Title
Expanding Knowledge

Tags
188588, 1

Learning Outcome
Students will improve their capacity as story tellers and filmmakers.

Title
Story Creation

Tags
188589, 2

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit non-fiction stories.

Title
Text Analysis

Tags
188590, 3

Learning Outcome
Students will engage with texts about storytelling and production processes.

Title
Peer Evaluation and Collaboration

Tags
188591, 4

Learning Outcome
Students will present, discuss, analyze, and critique others work in the spirit of peer to peer collaboration

TMA 276 - Exploration of Teaching Theatre

Course Information

Teaching Area (new)
TMA

Course Number
276

Teaching Area
TMA

Course Title
Exploration of Teaching Theatre

Course Description
Field-based initial teaching experience directed at helping prospective teachers experience demands and opportunities associated with teaching secondary students.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 115 - Introduction to Performance Studies
  AND TMA 160 - Theatre Production 1 (Inactive)

Other Prerequisites

Theatre education major status. FBI fingerprint and background clearance.

Learning Outcomes

Title
Education Theory and Practice

Tags
188914, 1

Learning Outcome
Understand the theoretical and practical nature of education;

Title
Teaching Resources

Tags
188930, 7

Learning Outcome
Learn about teaching resources and information.

Title
Teaching Experience

Tags
188937, 3

Learning Outcome
Gain practical teaching experience;

Title
Learning Styles

Tags
188940, 1

Learning Outcome
Evaluate a variety of learning styles;

Title
Lesson Plan Development

Tags
188964, 5

Learning Outcome
Learn to develop specific lesson plans and educational units;

TMA 277 - New Media Conceptualization

Course Information

Teaching Area (new)
TMA

Course Number
277

Teaching Area
TMA

Course Title
New Media Conceptualization

Course Description
Concepts and techniques for creating new media production.

Department
Theatre and Media Arts

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
New Media Storytelling

Tags
188592, 1

Learning Outcome
Understand history, theory, principles of new media storytelling

Title
Audience-specific New Media Story

Tags
188593, 2

Learning Outcome
Develop a new media story. focus story to a specific audience.

Title
Incorporating LDS Themes

Tags
188594, 3

Learning Outcome
Incorporate lds themes into story in a way that is authentic and accessible to a modern audience.

TMA 284R - Practicum: Cinematic Skills

Course Information

Teaching Area (new)
TMA

Course Number
284R

Teaching Area
TMA

Course Title
Practicum: Cinematic Skills

Course Description
Intermediate cinematic skills.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
Cinematic Skills

Tags
189312, 1

Learning Outcome
Students will participate in a practicum experience that will develop their cinematic skills. (This course has not been offered for a few years. The department is currently reviewing whether or not to offer it again. In the event that we do decide to begin offering it again, we will determine more specific outcomes at that time.)

TMA 285 - Intermediate Film Production

Course Information

Course Number
285

Teaching Area
TMA

Course Title
Intermediate Film Production

Course Description
Survey and application of the basics of narrative and nonfiction film. Lecture, discussion, lab, and individual/group experiences and critiques.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 105 - Using Basic Film Tools
- TMA 185 - Basic Film Production
- TMA 187 - Production Management: Beginning

Other Prerequisites
This class requires an application. For the application process, please refer to the Classes tab on film.byu.edu.

Learning Outcomes

Title
Synthesize and Integrate

Learning Outcome
Students will synthesize and integrate newly acquired knowledge with personally resonant themes and ideas

Title
Cinematic Strategies

Learning Outcome
Students will creatively apply cinematic strategies in shaping their ideas

Title
Technical Proficiency

Learning Outcome
Students will develop proficiency at a technical skill

Title
Collaboration and Responsibility

Learning Outcome
Students learn to effectively collaborate with other students and assume personal responsibility for their learning and for their work

TMA 287 - Production Management: Intermediate

Course Information

Course Number
287

Teaching Area
TMA

Course Title
Production Management: Intermediate

Course Description
Intermediate, applied principles of media production: budgeting, scheduling, and project management.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 187 - Production Management: Beginning

Other Prerequisites
Media Arts Major or Minor Status Required

Learning Outcomes

Title
Skill Development

Learning Outcome
Students will demonstrate technical execution of budgeting, scheduling, and project management.

Title
Career Development

Learning Outcome
Students will build their producing resumes by completing work crafted in accordance with established professional standards, preparatory for potential employment across various media.

TMA 291 - Film History 1

Course Information

Teaching Area (new)
TMA

Course Number
291

Teaching Area
TMA

Course Title
Film History 1

Course Description
Survey of social, aesthetic, business, and technical dimensions of film and media from 1895 to 1945.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives

Learning Outcomes

Title
World Cinema: 1895 to 1946

Tags
188598, 1

Learning Outcome
Familiarize students with the history of world cinema from 1895 to 1946 as informing and informed by culture, social history, emerging technologies and industry adaptations, and trends in visual art.

TMA 292 - Film History 2

Course Information

Teaching Area (new)
TMA

Course Number
292

Teaching Area
TMA

Course Title
Film History 2

Course Description
Survey of social, aesthetic, business, and technical dimensions of film and media from 1946 to present.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives

Learning Outcomes

Title
World Cinema: Post-WWII

Tags
188599, 1

Learning Outcome
To familiarize students with the history of post-WWII world cinema as informing and informed by culture, social history, emerging technologies and industry adaptations, and trends in visual art.

TMA 293 - History of Documentary and Nonfiction Film

Course Information

Teaching Area (new)
TMA

Course Number
293

Teaching Area
TMA

Course Title
History of Documentary and Nonfiction Film

Course Description
Introduction to and contextualization of documentary film from its inception to present.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives

Learning Outcomes

Title
Non-Fiction Films

Tags
188600, 1

Learning Outcome
To watch a lot of non-fiction films. And enjoy them *perhaps immensely). Meanwhile: to consider the idea of the nonfiction film from its beginning to the present day; to explore a range of approaches, styles, and individuals associated with the documentary idea; to discuss social and ethical issues that emerge around documentary film making; finally to consider how our own lives (as film makers, film critics, and normal people) are informed and shaped by documentary sensibilities. (or ought to be).

Title
Create and Analyze Films in Historical and Theoretical Contexts

Learning Outcome
Students will create short films with similar theoretical underpinnings while also considering the historical context of the films.

TMA 294 - History of Animation

Course Information

Teaching Area (new)
TMA

Course Number
294

Teaching Area
TMA

Course Title
History of Animation

Course Description
Origins and developments of animation internationally to the present, focusing on aesthetic, technical, political, and economic aspects of the medium.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Media Arts major/minor status or Animation major status or Illustration major status.

Learning Outcomes

Title
Popular Culture

Tags
189302, 1

Learning Outcome
Students will be able to discuss animation (film, television, Internet) as a microcosm of the larger aesthetic and social developments of popular culture artifacts.

Title
Historical Contexts

Tags
189303, 2

Learning Outcome
Students will be able to examine the relationship of text, subtext, and context in animated fare, as well as understand how animation has influenced and is influenced by art, society, history, and technology.

Title
Genre

Tags
189304, 3

Learning Outcome
Students will be able to analyze the significance of generic conventions and themes in animation, both diachronically and synchronically.

Title
Secondary Literature

Tags
189305, 4

Learning Outcome
Students will be able to identify and appraise scholarly material related to animation studies.

TMA 299R - Academic Internship

Course Information

Teaching Area (new)
TMA

Course Number
299R

Teaching Area
TMA

Course Title
Academic Internship

Course Description
Off-campus experience or internship in theatre or media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Other Prerequisites
By application only.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Individual Internship Outcomes

Tags
188605, 1

Learning Outcome
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

TMA 302R - Studies in British Theatre Performance

Course Information

Teaching Area (new)
TMA

Course Number
302R

Teaching Area
TMA

Course Title
Studies in British Theatre Performance

Course Description
Theoretical and practical study of ideas, movements, genres, and styles of British theatre and performance.

Department
Theatre and Media Arts

When Taught
Spring Term

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Acceptance in the Theatre in London Study Abroad program

Learning Outcomes

Title
Expand Performance Techniques

Tags
188904, 0, 3

Learning Outcome
Students will demonstrate a familiarity with a range of techniques in performance.

Title
Discussion Techniques

Tags
188852, 0, 2

Learning Outcome
Students will engage orally and in writing critical with a theatrical performance in terms of aesthetics, values, and preferences.

TMA 303R - International Studies in Film & Culture

Course Information

Teaching Area (new)
TMA

Course Number
303R

Teaching Area
TMA

Course Title
International Studies in Film & Culture

Course Description
This course offered in conjunction with the Media Arts program's study abroad program will expose students to renowned repertory programs, thorough retrospectives, and the most wide-ranging commercially distributed film offerings in the world. We will enjoy the films themselves along with a host of exemplary scholarly resources (lectures, artist interviews, scholarly notes) from nation-specific institutes of film education. In addition, our program will be distinguished by its emphasis on the ancestor arts and by its access to some of the world's great art institutions. Film is a combination and occasionally a culmination of the arts preceding it. In that spirit, film practitioners as well as students of the arts will be enriched and deepened by their exposure to our host city's rich history and its vast supply of great plays, paintings, buildings, landscapes, and design.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
Students must be admitted to the study abroad program.

TMA 315R - Special Projects 2

Course Information

Teaching Area (new)
TMA

Course Number
315R

Teaching Area
TMA

Course Title
Special Projects 2

Course Description
Intermediate projects in theatre or media arts.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Theatre and media arts major status. By application only.

Learning Outcomes

Title
Statement on Outcomes

Tags
189168, 19

Learning Outcome
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

TMA 316R - Theatre and Film Instruction

Course Information

Teaching Area (new)
TMA

Course Number
316R

Teaching Area
TMA

Course Title
Theatre and Film Instruction

Course Description
Developing teaching methods and techniques for instruction in theatre and media arts classroom.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Other Prerequisites
Theatre students: instructor's consent. Media arts students: TMA 102 and 114

TMA 318 - Approaches to Screen Directing

Course Information

Teaching Area (new)
TMA

Course Number
318

Teaching Area
TMA

Course Title
Approaches to Screen Directing

Course Description
Practice, view, study, and analyze various cinematic techniques and elements in order to create emphasis for film audiences. The course helps students identify and express the multiple storytelling points of view associated with fiction film direction.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TMA 185 - Basic Film Production
  AND TMA 114 - Reading and Constructing Narratives

Recommended
TMA 123, TMA 384R

Learning Outcomes

Title
Point of View

Tags
212835, 0, 1

Learning Outcome
Students will demonstrate the ability to direct using the narrative, character, and storyteller points of view.

Title
Directing Performance

Tags
212836, 0, 2

Learning Outcome
Students will collaborate with classmates to stage scenes from existing scripts.

Title
Text and Subtext

Tags
212837, 0, 3

Learning Outcome
Students will demonstrate the ability to express text and subtext through camera, sound, design, performance, and editing.

Title
Narrative Directing

Learning Outcome
Students will create finished scenes demostrating the ability to express intenion through point of view, composition, subtext, rising action, performance, movement, blocking, and contrast/affinity across cinematic elements.

TMA 321 - Voice Over

Course Information

Teaching Area (new)
TMA

Course Number
321

Teaching Area
TMA

Course Title
Voice Over

Course Description
Studio procedures and protocol, skills involved in producing effective reading choices, creation and cataloging voice over characters for commercial and animation voice overs.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:
- TMA 123 - Acting Fundamentals

OR

Prerequisites

Complete ALL of the following Courses:
- TMA 128 - Acting 1: BFA or Pre-BFA

Other Prerequisites
Approval to add required from BFA Acting Program Area Head.

Recommended
TMA 121; TMA 122

Note
For BFA Acting and MDT majors and majors for which the study of voice over technique is relevant and important such as Media Arts, Animation, Theatre Arts Studies, and Advertising.

Learning Outcomes

Title
Fluency

Tags
188491, 3

Learning Outcome
Students will demonstrate fluency in studio protocol and terminology.

Title
Evaluation and Peer Coaching

Tags
188490, 0, 2

Learning Outcome
Students will self-evaluate progress and practice effective and supportive peer coaching.

Title
Technique

Tags
188489, 0, 1

Learning Outcome
Students will demonstrate the ability to recognize, create, perform with, and talk about authenticity and proficiency in voice over recording.

TMA 322 - Classical Voice

Course Information

Teaching Area (new)
TMA

Course Number
322

Teaching Area
TMA

Course Title
Classical Voice

Course Description
Speech techniques (word stress, inflection, pitch, pace, etc.) applied in the classical play.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
BFA acting or MDT major status. BFA acting majors: TMA 222 and 228. BFA MDT majors: TMA 121 and 228.

Learning Outcomes

Title
Standard American Stage Dialect & International Phonetic Alphabet

Tags
188492, 0, 3

Learning Outcome
Students will demonstrate mastery of Standard American Stage dialect and the International Phonetic Alphabet (IPA).

Title
Self-Evaluation & Peer Coaching

Tags
212901, 0, 4

Learning Outcome
Students will self-evaluate progress and practice effective and supportive peer coaching.

Title
Work Ethic

Tags
212902, 0, 5

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaborations and the ability to make independent choices.

Title
Voice Production & Exploration

Tags
189275, 0, 1

Learning Outcome
Students will practice voice production techniques integrating voice work, body awareness, and emotional dexterity as well as explore a variety of voice pedagogies and apply the techniques to the performance of classical texts.

TMA 323R - Kennedy Center American College Theatre Festival

Course Information

Teaching Area (new)
TMA

Course Number
323R

Teaching Area
TMA

Course Title
Kennedy Center American College Theatre Festival

Course Description
Coaching students who will participate in the Kennedy Center American College Theatre Festival.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
0

Other Prerequisites
By application only

Learning Outcomes

Title
Participation

Tags
210873, 0, 2

Learning Outcome
Students will attend the Region VIII American College Theatre Festival and report on their experience.

Title
Preparation

Tags
189157, 0, 1

Learning Outcome
Students will prepare to attend the Region VIII Kennedy Center American College Theatre Festival.

TMA 325 - Stage Combat

Course Information

Teaching Area (new)
TMA

Course Number
325

Teaching Area
TMA

Course Title
Stage Combat

Course Description
Skills of safe hand-to-hand combat, including use of rapier, dagger, and broadsword, for stage and screen.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 125 - Yoga and Alexander Technique
  AND TMA 225 - Neutral Mask

Other Prerequisites
BFA acting major status.

Learning Outcomes

Title
Body Awareness and Storytelling

Tags
188501, 5

Learning Outcome
Students will demonstrate a deeper awareness of body and its impact on the storytelling process in scene work.

Title
Physical Coordination

Tags
188498, 0, 2

Learning Outcome
Students will demonstrate improved individual physical coordination through modeling correct fighting techniques for rapier, dagger, and broadsword.

Title
Terrminology

Tags
188499, 0, 3

Learning Outcome
Students will use various technical terms from a glossary of Society of American Fight Directors Lexicon.

TMA 326R - Divine Comedy

Course Information

Teaching Area (new)
TMA

Course Number
326R

Teaching Area
TMA

Course Title
Divine Comedy

Course Description
Participation as performers, writers, directors, or crew members of a sketch comedy group.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
By audition only

TMA 328 - Acting Classics

Course Information

Teaching Area (new)
TMA

Course Number
328

Teaching Area
TMA

Course Title
Acting Classics

Course Description
Acting skills helpful in classical literature, emphasizing Shakespearean scansion and text analysis.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 222 - Voice Production and Phonetics 2
  AND TMA 228 - Acting 2

Other Prerequisites
BFA acting major status. By audition only

Learning Outcomes

Title
Scansion and Folio Text Analysis

Tags
188493, 1

Learning Outcome
Students will show proficiency with scansion and folio text analysis for Shakespearean text.

Title
Skill Integration in Performance

Tags
188494, 2

Learning Outcome
Students will apply fundamental acting principles and vocal techniques to the performance of assigned scenes and monologues from classical texts.

Title
Play and Character Analysis

Tags
188495, 3

Learning Outcome
Students will demonstrate their ability to analyze a play from an actor's point of view and choose objectives, actions, and obstacles congruent with the historical text.

Title
Work Ethic

Tags
188496, 0, 4

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 329 - Theatre and Film Acting Conservatory

Course Information

Teaching Area (new)
TMA

Course Number
329

Teaching Area
TMA

Course Title
Theatre and Film Acting Conservatory

Course Description
Extensive work on a theatre or film project through semester, culminating in performance of play or preview of film/video.

Department
Theatre and Media Arts

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 122 - Voice Production and Phonetics 1
  AND TMA 338 - Acting for Film and TV

Other Prerequisites
BFA acting major status. By audition only.

Learning Outcomes

Title
Script Analysis

Tags
188502, 0, 1

Learning Outcome
Students will analyze a performance script.

Title
Collaboration

Tags
188505, 0, 4

Learning Outcome
Students will collaborate with the conservatory company in order to develop a trusting ensemble in the creation of an artistic work.

Title
Expanding Comfort Zone

Tags
188504, 0, 3

Learning Outcome
Students will demonstrate the ability to push the limits of their comfort zone in terms of personal acting habits and practices.

TMA 330R - Assistant Directing

Course Information

Teaching Area (new)
TMA

Course Number
330R

Teaching Area
TMA

Course Title
Assistant Directing

Course Description
Assisting directors for departmental productions.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 336 - Stage Directing 1: Principles and Practices

Other Prerequisites
Theatre arts studies major status. Instructor's consent.

Learning Outcomes

Title
Directing Practice

Tags
209089, 0, 3

Learning Outcome
Students will create performance under the direction of a faculty mentor.

Title
Best Practices

Tags
209090, 0, 4

Learning Outcome
Student will identify best practices in directing in the laboratory of pre-production, rehearsal, and technical rehearsal for a mainstage production.

TMA 331 - Directing Narrative Literature

Course Information

Teaching Area (new)
TMA

Course Number
331

Teaching Area
TMA

Course Title
Directing Narrative Literature

Course Description
Theory and practice of adapting, directing, and performing nondramatic literature. Readers Theatre.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 115 - Introduction to Performance Studies

Other Prerequisites
Theatre arts studies major status.

Learning Outcomes

Title
Creative Foundations

Tags
189141, 1

Learning Outcome
Gain experience selecting, adapting and performing various forms of narrative literature and other written materials.

Title
Production Processes

Tags
189142, 2

Learning Outcome
Learn to adapt, direct and perform a style of theatre that offers an alternative to conventional theatre within the boundaries of church, community, educational organizations, and professional theatre.

Title
Collaboration and Character Building

Tags
189143, 3

Learning Outcome
Instill in our hearts and minds the vision and skills necessary to enter a ward or stake community, a classroom, a community theatre or a professional theatre and use narrative performance techniques to bring people to Christ.

TMA 336 - Stage Directing 1: Principles and Practices

Course Information

Teaching Area (new)
TMA

Course Number
336

Teaching Area
TMA

Course Title
Stage Directing 1: Principles and Practices

Course Description
Theories and processes of taking a scene from script to production. Lab required.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 236 - Playmaking

Other Prerequisites
Or instructor's consent

Learning Outcomes

Title
Directing Process

Learning Outcome
Students will develop their own method of directing through examining and employing a wide variety of prominent directors' processes.

Title
Communication

Learning Outcome
Students will enlarge the ability to communicate through theatre by taking scenes from the text to performance through interpretation, analysis, composition, and pre-production work and by working with actors, designers, dramaturgs, and classmates in order to tell compelling stories.

Title
Artistic Decisions

Learning Outcome
Students will make artistic decisions that illuminate and confirm truth, tell the most important stories, and celebrate the infinite potential of the human soul.

TMA 338 - Acting for Film and TV

Course Information

Teaching Area (new)
TMA

Course Number
338

Teaching Area
TMA

Course Title
Acting for Film and TV

Course Description
On-camera techniques for features, sitcoms, industrials, and commercials.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 228 - Acting 2

Other Prerequisites
BFA acting major or acting pre-major status. By audition only.

Learning Outcomes

Title
Script Analysis

Tags
188468, 0, 1

Learning Outcome
Students will analyze performance texts in relationship to electronic media performance.

Title
Genre Exploration

Tags
188469, 0, 2

Learning Outcome
Students will demonstrate a knowledge of acting for electronic media.

Title
Film Language

Tags
188471, 0, 4

Learning Outcome
Students will demonstrate knowledge of the specialized vernacular used in media rehearsal and performance situations.

TMA 341R - Screenwriting 2

Course Information

Teaching Area (new)
TMA

Course Number
341R

Teaching Area
TMA

Course Title
Screenwriting 2

Course Description
Intermediate conceptualization, screenwriting, and development for narrative or nonnarrative projects.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives
  AND TMA 241 - Screenwriting 1

Other Prerequisites
Instructor approval.

Learning Outcomes

Title
Short/Medium Form Screenwriting

Tags
188607, 1

Learning Outcome
The purpose of this class is to assist the student in continuing to develop as a screenwriter, and especially to hone the student's short/medium form screenwriting abilities. The importance of reading as it relates to quality writing will also be stressed.

TMA 342 - Screenwriting 2: Writers Room

Course Information

Course Number
342

Teaching Area
TMA

Course Title
Screenwriting 2: Writers Room

Course Description
TMA 342 focuses on the collaborative process of episodic storytelling within a writers room. Students will function as staff writers and story editors for their own material and the material of the other writers in the creation of an episodic narrative.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
4

Simple Requisites

Untitled Requirement

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 114 - Reading and Constructing Narratives

Learning Outcomes

Title
Collaboration

Tags
212838, 0, 1

Learning Outcome
Students will collaborate on the creation of a media series or long-form piece. They will conceptualize and execute the writing of the script in a team environment.

Title
Story Structure

Tags
212839, 0, 2

Learning Outcome
Students will demonstrate the ability to create tension and forward movement in narrative storytelling by applying fundamental story structure to their material.

Title
Story Editing

Tags
212840, 0, 3

Learning Outcome
Students will demonstrate the ability to eliminate excess or irrelevance in their own scripts and in the scripts of their colleagues.

Title
Writer's Room

Tags
212841, 0, 4

Learning Outcome
Students will execute the creation of a story employing a rudimentary writer's room model.

TMA 351 - Playwriting 2

Course Information

Teaching Area (new)
TMA

Course Number
351

Teaching Area
TMA

Course Title
Playwriting 2

Course Description
Workshop course designed to assist more advanced students in furthering their playwriting skills by writing the first draft of a full-length play.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 251 - Playwriting 1

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Writing Processes

Tags
188510, 0, 1

Learning Outcome
Students will establish their own successful writing process.

Title
Theatrical Storytelling

Tags
188511, 0, 2

Learning Outcome
Students will begin to master the elements and principles of theatrical storytelling and character development.

Title
Theatrical Structures

Tags
188512, 0, 3

Learning Outcome
Students will apply appropriate elements of theatrical structures and character development to their original plays.

Title
Script Analysis

Tags
188513, 0, 4

Learning Outcome
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their own plays.

TMA 352 - Drama in the Elementary Classroom

Course Information

Teaching Area (new)
TMA

Course Number
352

Teaching Area
TMA

Course Title
Drama in the Elementary Classroom

Course Description
Varied teaching methodologies for application of drama within the pre-K--6 classroom. Dual emphasis on Utah state elementary drama standards as well as integration with core curricula.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Other Prerequisites
Theatre education major status: TMA 101 or 102; TMA 276. Or early childhood education or elementary education major status. Or instructor's consent.

Note
Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Theatre Presentation and Activities

Tags
188958, 0, 1

Learning Outcome

Successful students in this course will be able to create and perform collaborative theatre presentations and utilize creative drama with confidence and skill.

Title
Dramatic Activities: USOE Curriculum

Tags
188982, 0, 0

Learning Outcome

Successful students in this course will be able to use drama/theatre to effectively teach across the Utah State Office of Education's (USOE) core and drama curriculum for elementary school grades.

TMA 356R - Assistant Stage Managers

Course Information

Teaching Area (new)
TMA

Course Number
356R

Teaching Area
TMA

Course Title
Assistant Stage Managers

Course Description
Assistant stage management from pre-production to strike.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 256 - Stage Management 1

Other Prerequisites

Instructor's consent.

Learning Outcomes

Title
Skill Development

Tags
214503, 0, 1, 2023-08-29 13:10:18

Learning Outcome
Students will apply complex skills of stage management in pre-production, rehearsals, tech rehearsals, performance/calling a show, and post-production responsibilities within educational, community, and professional settings.

Title
Professional Skills

Tags
214504, 0, 2, 2023-08-29 13:10:20

Learning Outcome
Students will prepare for employment opportunities within educational, community, and professional settings.

Title
Portfolio

Tags
214505, 0, 3, 2023-08-29 13:10:22

Learning Outcome
Students will synthesize their stage management responsibilities into a portfolio.

TMA 360R - Theatre Production

Course Information

Teaching Area (new)
TMA

Course Number
360R

Teaching Area
TMA

Course Title
Theatre Production

Course Description
Advanced practical experience in specialized shops or backstage experience on realized productions.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
and instructor's consent.

Learning Outcomes

Title
Performance Practice

Tags
189195, 0, 1

Learning Outcome
Students will apply the basics skills of stage management as an assistant stage manager on a BYU production.

TMA 362 - Costume Design.

Course Information

Teaching Area (new)
TMA

Course Number
362

Teaching Area
TMA

Course Title
Costume Design.

Course Description
Comprehensive course in costume design for stage and screen; renderings; costume theory; script research; costume paperwork; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TMA 259 - Principles of Design for Stage

Other Prerequisites
Or instructor's consent.

Recommended
TMA 462 or concurrent enrollment

Learning Outcomes

Title
Concept and Approach

Tags
189016, 0

Learning Outcome
Students will apply script analysis and the use of a director's concept in the creation of an effective costume design for a production.

Title
Portfolio

Tags
207404, 3

Learning Outcome
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

Title
Professional Skills

Tags
207403, 0, 2

Learning Outcome
Students will demonstrate professional costume-rendering and graphic skills in figure proportions, stance, and fabric representation.

Title
Communication and Collaboration

Tags
188933, 0, 1

Learning Outcome
Students will demonstrate collaborative communication verbally, in visual presentation, and through costume rendering as preparation for costume design assignments in the Department of Theatre & Media Arts.

TMA 363 - Scenic Design

Course Information

Teaching Area (new)
TMA

Course Number
363

Teaching Area
TMA

Course Title
Scenic Design

Course Description
Comprehensive course in scenic design for stage and screen: scenic history and theory; renderings and model construction; script research; scenic paperwork; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TMA 259 - Principles of Design for Stage

Other Prerequisites
TMA 258 (concurrent enrollment allowed) or instructor's consent.

Recommended
TMA 366R or concurrent enrollment

Learning Outcomes

Title
Portfolio

Tags
207408, 3

Learning Outcome
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

Title
Art Skills

Tags
207409, 0, 1

Learning Outcome
Students will demonstrate professional rendering, drafting, modeling, and design skills for theoretical stage-design projects.

Title
Scene Design Skills

Tags
188870, 0, 2

Learning Outcome
Students will employ the skills of collaboration, script analysis, research, and aural and visual commnication to define and resolve the challenges of scene design for theatre and media productions.

TMA 364 - Lighting Design

Course Information

Teaching Area (new)
TMA

Course Number
364

Teaching Area
TMA

Course Title
Lighting Design

Course Description
Comprehensive course in lighting design for stage: collaboration techniques; lighting theory; instruments and lighting systems; preparation for work as assistant and/or full designer positions in departmental productions.

Department
Theatre and Media Arts

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 264 - Theatre Lighting 1

Other Prerequisites
Or instructor's consent.

Recommended
TMA 258, TMA 259

Learning Outcomes

Title
Design Process

Tags
189010, 1

Learning Outcome
Students will practice a process for designing light for live performance.

Title
Lighting Technology

Tags
188887, 0, 3

Learning Outcome
Students will set up, program, and troubleshoot lighting control systems.

Title
Design Portfolio

Tags
212259, 0, 2

Learning Outcome
Students will produce industry standard documentation of a lighting design that they can include in a design portfolio.

TMA 365 - Sound Design

Course Information

Teaching Area (new)
TMA

Course Number
365

Teaching Area
TMA

Course Title
Sound Design

Course Description
Comprehensive course in sound design for stage: sound reinforcement; stage equipment; sound space design; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 259 - Principles of Design for Stage

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Design Collaboration

Tags
207411, 0, 1

Learning Outcome
Students will communicate effectively and collaborate with other personnel, including directors and other designers.

Title
Design Concept

Tags
207410, 0, 0

Learning Outcome
Students will showcase their comprehension of sound's impact and implementation in theatrical designs.

Title
Technical Design

Tags
207414, 0, 2

Learning Outcome
Students will compose and present clear and accurate technical documentation for their sound designs.

Title
Design Portfolio

Tags
207413, 0, 3

Learning Outcome
Students will produce effective portfolio material and evaluate other student's work in productive, meaningful ways.

TMA 366R - Production Topics

Course Information

Teaching Area (new)
TMA

Course Number
366R

Teaching Area
TMA

Course Title
Production Topics

Course Description
Topical theory and skill training in specialized performance support areas of theatre design and technology.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

Learning Outcomes

Title
Professional Skills

Tags
207420, 0

Learning Outcome
Students will demonstrate professional skills in intermediate topic areas as preparation for realized production work.

TMA 367 - Makeup Design

Course Information

Teaching Area (new)
TMA

Course Number
367

Teaching Area
TMA

Course Title
Makeup Design

Course Description
\tComprehensive course in makeup design for stage and screen: prosthetics; advanced makeup effects; makeup theory; script research; collaboration techniques; preparation for work as assistant and/or full designer positions in departmental productions.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 259 - Principles of Design for Stage
  AND TMA 267 - Principles of Makeup

Other Prerequisites
or instructor consent

Learning Outcomes

Title
Design Theory

Tags
189036, 3

Learning Outcome
Students will employ basic design principles in analyzing and creating makeup designs for various projects.

Title
Concept and Approach

Tags
207415, 0

Learning Outcome
Students will apply script analysis and the use of a director's concept in the creation of an effective makeup design for a production.

Title
Professional Skills

Tags
207417, 2

Learning Outcome
Students will demonstrate professional rendering and graphic skills in makeup, hair, and prosthetic design and construction.

Title
Portfolio

Tags
207418, 3

Learning Outcome
Students will produce effective visual materials for personal portfolios and demonstrate an ability to constructively critique other designers.

TMA 368 - Scenic Art

Course Information

Teaching Area (new)
TMA

Course Number
368

Teaching Area
TMA

Course Title
Scenic Art

Course Description
Basic approaches to painting and finishing scenic elements. Priming, lay-in, texturing, and effects. Possible work painting on departmental productions.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Technical Training

Tags
189085, 0, 1

Learning Outcome
Students will employ scenic painting techniques in theoretical and realized projects, including the use of textures, graining, marbleizing, washes, bricks, stone, drapery, distressing, as well as other methods used by scenic artists.

TMA 369R - Design Practicum

Course Information

Teaching Area (new)
TMA

Course Number
369R

Teaching Area
TMA

Course Title
Design Practicum

Course Description
Practical experience working as assistant designers; practicum experience in related performance design and/or technology topic areas.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TMA 259 - Principles of Design for Stage

Other Prerequisites
TMA 259 or instructor's consent.

Learning Outcomes

Title
Performance Practice

Tags
189263, 0, 1

Learning Outcome
Students will support a fully-mounted production as an assistant designer or as a shop technician.

TMA 370R - Practicum: Television

Course Information

Teaching Area (new)
TMA

Course Number
370R

Teaching Area
TMA

Course Title
Practicum: Television

Course Description
Practicum in advanced mentored television productions offered as needed for student projects.

Department
Theatre and Media Arts

When Taught
Fall Term 1; Fall Term 2; Winter Term 1; Winter Term 2.

Credit Hours

Min:
1

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
Production Experience

Tags
189196, 1

Learning Outcome
Students will create an element of Theatre in a fully-mounted production.

Title
General

Tags
188955, 1

Learning Outcome
2. Learn some general “technical stuff” about creating nicer movies for the internet as well astelevision/DVD.

Title
Animations

Tags
189041, 2

Learning Outcome
3. Create a nifty animation (or two).

TMA 372R - Film Crew

Course Information

Teaching Area (new)
TMA

Course Number
372R

Teaching Area
TMA

Course Title
Film Crew

Course Description
Experience collaborating with senior capstone media arts experience.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 187 - Production Management: Beginning

Other Prerequisites
Major status. By application only.

Note
Concurrent enrollment in TMA 187 can be approved by instructor.

Learning Outcomes

Title
Professional Crew Experience

Tags
188608, 1

Learning Outcome
This course should give students the opportunities to gain professional film crew experience by working on approved institutional productions.

TMA 373 - Intermediate Documentary Production

Course Information

Teaching Area (new)
TMA

Course Number
373

Teaching Area
TMA

Course Title
Intermediate Documentary Production

Course Description
Advanced reading, conceptualization, and practical applications of various documentary forms.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 273 - Beginning Documentary Production
  AND TMA 293 - History of Documentary and Nonfiction Film

Other Prerequisites
Film major or minor status

Learning Outcomes

Title
Expanding Knowledge

Learning Outcome
Students will improve their capacity as storytellers and filmmakers.

Title
Story Creation

Learning Outcome
Students will begin to conceptualize, write, shoot, and edit fiction and non-fiction stories.

Title
Text Analysis

Learning Outcome
Students will engage with texts about storytelling and production processes.

Title
Peer Evaluation and Collaboration

Learning Outcome
Students will present, discuss, analyze, and critique others' work in the spirit of peer collaboration.

TMA 375 - Creative Drama

Course Information

Teaching Area (new)
TMA

Course Number
375

Teaching Area
TMA

Course Title
Creative Drama

Course Description
Theory and methods of teaching drama to young people, grades K-6. Emphasis on creative drama, process drama and contemporary trends in drama pedagogy at the elementary level.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Learning Outcomes

Title
3.

Tags
189072, 2

Learning Outcome
Successful students in this course will be able to identify and implement 21st Century Learning Skills in their drama-based curriculum.

Title
2.

Tags
189025, 0, 1

Learning Outcome

Successful students in this course will be able to employ the process of informal drama towards teaching and learning with confidence and skill.

Title
1.

Tags
189116, 0, 0

Learning Outcome
Successful students in this course will be able to utilize various dramatic strategies to effectively teach drama and non-drama curriculum for grades K-5.

TMA 377A - Methods Acting Pedagogy

Course Information

Teaching Area (new)
TMA

Course Number
377A

Teaching Area
TMA

Course Title
Methods Acting Pedagogy

Course Description
Students will become perceptive, inquisitive, practical theatre artists and educators by researching, performing, and teaching diverse acting pedagogies.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
It is recommended that students have taken TMA 123 or have a basic understanding of the tenets of acting

Learning Outcomes

Title
Curriculum and Instruction

Learning Outcome
Students will demonstrate professional pedagogical practices by creating, teaching, and assessing gospel-centered, standards-based theatre curriculum.

Title
Gospel Centered Dramatic Strategies

Learning Outcome
Students will apply gospel-centered values while using dramatic strategies to foster a sense of belonging in arts-based educational environments.

TMA 377B - Theatre Methods and Instruction: Secondary Curriculum

Course Information

Teaching Area (new)
TMA

Course Number
377B

Teaching Area
TMA

Course Title
Theatre Methods and Instruction: Secondary Curriculum

Course Description
Developing meaningful and engaging instruction for secondary students in theatre; developing critical thinking, problem solving, literacy, and democratic character; assessing learner performance.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 260R - Theatre Production 2: Make-up/Props/Lighting. (Inactive)
  AND TMA 276 - Exploration of Teaching Theatre

Other Prerequisites
Theatre education major or minor status. FBI fingerprint and background clearance.

Note
NOTE: For help with questions about fingerprint clearance, contact the McKay School of Education Advisement Center.

Learning Outcomes

Title
Diverse Learners

Tags
188858, 4

Learning Outcome
Create a nurturing and motivating learning environment that helps diverse learners succeed.

Title
Instructional Design and Delivery

Tags
188947, 2

Learning Outcome
Design and deliver instruction to help young learners develop proficiency in theatre content and critical thinking.

Title
Assessment Development and Use

Tags
188954, 7

Learning Outcome
Create and use assessments to evaluate learners as well as the effectiveness of their own instruction.

Title
Lesson Planning and Pedagogical Strategies

Tags
189064, 5

Learning Outcome
Plan lessons, units and courses based on the understanding of theatre content and theatre standards, as well as pedagogical strategies.

Title
Teaching Competency

Tags
189098, 0

Learning Outcome
Demonstrate competency in theatre content and the pedagogical presentation of theatre concepts.

TMA 377C - Theatre Methods and Instruction: Applied Theatre

Course Information

Teaching Area (new)
TMA

Course Number
377C

Teaching Area
TMA

Course Title
Theatre Methods and Instruction: Applied Theatre

Course Description
Practicing contemporary theatre-in-education (TIE) methods to be employed in practical secondary education settings.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Learning Outcomes

Title
Applied Theatre Performances and Workshops

Tags
189009, 2

Learning Outcome
Successful students in this course will be able to create and facilitate Applied Theatre performances and workshops.

Title
TIE and TO Experiences

Tags
189118, 1

Learning Outcome
Successful students in this course will be able to facilitate the devising process for Theatre in Education (TIE) and Theatre of the Oppressed (TO) experiences.

TMA 377D - Theatre Methods and Instruction: Elementary Curriculum

Course Information

Teaching Area (new)
TMA

Course Number
377D

Teaching Area
TMA

Course Title
Theatre Methods and Instruction: Elementary Curriculum

Course Description
Practicing contemporary elementary education methods students will later employ in practical education settings.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
1

Other Prerequisites
Theatre Education major status. FBI fingerprint and background clearance

Learning Outcomes

Title
Drama and Education Methodologies

Tags
188885, 4

Learning Outcome
Successful students in TMA 377D will reflect on current methodology regarding drama and education.

Title
Lesson and Unit Planning

Tags
188903, 0

Learning Outcome
Successful students in TMA 377D will plan lessons and units based on their understanding of state and national K-6 drama and core curriculum standards.

Title
Personal Competence

Tags
188946, 5

Learning Outcome
Successful students in TMA 377D will reflect on their personal competence, and the effects of their own instructional choices, and seek opportunities for improvement.

Title
Instructional Design and Delivery

Tags
188977, 2

Learning Outcome
Successful students in TMA 377D will design and deliver instructions to help elementary students develop skills in drama and core curriculum content.

Title
Advocacy in the Arts

Tags
189103, 3

Learning Outcome
Successful students in TMA 377D will demonstrate ability to advocate for the arts in an elementary setting.

TMA 378R - New Media Producing and Directing

Course Information

Teaching Area (new)
TMA

Course Number
378R

Teaching Area
TMA

Course Title
New Media Producing and Directing

Course Description
Pre-production and production of short projects. Discussion and individual/group experiences and critiques.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 277 - New Media Conceptualization

Other Prerequisites
Media arts major or minor status

Learning Outcomes

Tags
188970, 1

Learning Outcome
This course is currently on hiatus.

TMA 379R - Design Studio

Course Information

Teaching Area (new)
TMA

Course Number
379R

Teaching Area
TMA

Course Title
Design Studio

Course Description
Performance design studio experience in team collaboration, portfolio building, and faculty mentored projects.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 259 - Principles of Design for Stage

Other Prerequisites
Complete one or more of TMA 362, 363, 364, 365, and 367; or instructor's consent.

Learning Outcomes

Title
Technical Training

Tags
189158, 0, 1

Learning Outcome
Students will identify and apply design step-by-step processes in the realization of in-class projects for portfolio development.

TMA 380 - Production Dramaturgy

Course Information

Teaching Area (new)
TMA

Course Number
380

Teaching Area
TMA

Course Title
Production Dramaturgy

Course Description
Research and apply hands-on theatrical skills in four critical studies areas: literary management, production dramaturgy, new play development, educational outreach.

Department
Theatre and Media Arts

When Taught
Fall.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 115 - Introduction to Performance Studies

Other Prerequisites
or instructor's consent.

Learning Outcomes

Title
Self-Assessment

Tags
188855, 3

Learning Outcome
Students will assess their own dramaturgical work and practices.

Title
Collaboration

Tags
188859, 1

Learning Outcome
Students will collaborate with others in dramaturgical exercises.

Title
Evaluate Dramaturgy

Tags
189001, 0

Learning Outcome
Students will evaluate dramaturgical documents, presentations, and practices.

Title
Do Dramaturgy

Tags
189054, 2

Learning Outcome
Students will generate dramaturgical documents.

TMA 384R - Practicum: Cinematic Skills

Course Information

Teaching Area (new)
TMA

Course Number
384R

Teaching Area
TMA

Course Title
Practicum: Cinematic Skills

Course Description
Advanced cinematic skills.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
6

Lab Hours

Fixed:
1

Learning Outcomes

Title
Production Skill Sets

Tags
188611, 0, 2

Learning Outcome

Students will learn individual and collaborative behind-the-camera principles and practices, including producing, directing, interviewing, shooting, sound creation, editing, and visual effects.

Title
Practical Cinematic Skills

Tags
188609, 0, 1

Learning Outcome

Students will learn to use logistical and technological tools of cinema, including production management, cinematography, lighting, sound acquisition and design, editing, visual and practical effects, and post-production, to prepare for positions in the film and television industry.

TMA 387 - Production Management: Advanced

Course Information

Teaching Area (new)
TMA

Course Number
387

Teaching Area
TMA

Course Title
Production Management: Advanced

Course Description
Overview of techniques for managing large arts projects, involving individual and team projects.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 187 - Production Management: Beginning

Other Prerequisites
media arts major status; media arts foundation courses.

Learning Outcomes

Title
Detecting Good Stories

Tags
188613, 1

Learning Outcome
Detect good stories and what to do next.

Title
Producer Role and Responsibilities

Tags
188614, 2

Learning Outcome
Further understand what a producer is, specificall the creative sides to a producer; better understand producing through the research of successful producers past and present.

Title
The Current Film Industry

Tags
188615, 3

Learning Outcome
Find necessary information to keep current on the film industry, including researching and finding box office numbers; individuals active in the industry; how problems are addressed and solved; marketing; etc.

TMA 389R - Theatre Production Assistants

Course Information

Teaching Area (new)
TMA

Course Number
389R

Teaching Area
TMA

Course Title
Theatre Production Assistants

Course Description
Developing organizational skills by workshop meetings with industry professionals, who share their producing experiences, styles, and strategies.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 259 - Principles of Design for Stage

Learning Outcomes

Title
Performance Practice

Tags
189093, 1

Learning Outcome
Students will support a fully-mounted production as an assistant designer or as a shop technician.

Title
Develop Skills

Learning Outcome
Students will learn from industry professionals the skills, tools, and competencies necessary to produce theatre in a variety of areas in design and technology.

TMA 391 - Introduction to Film Theory

Course Information

Teaching Area (new)
TMA

Course Number
391

Teaching Area
TMA

Course Title
Introduction to Film Theory

Course Description
Identifying and analyzing contemporary film and media theories, with application to specific media texts.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 291 - Film History 1

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 292 - Film History 2

Learning Outcomes

Title
Personal Framework and Values

Tags
188617, 1

Learning Outcome
Articulate and develop your personal framework of how films make meaning and implement those values in his/her own filmmaking. Film viewing and film analysis.

Title
Canonical Film Theory

Tags
188618, 2

Learning Outcome
Using canonical film theory paradigms and vocabulary, understand and apply multiple ways spectators construct meanings while viewing films.

Title
Film Theory Analysis

Tags
188619, 3

Learning Outcome
Competently analyze key film theories from 1915 to the present and apply them to specific film texts.

TMA 392 - Children's Media

Course Information

Teaching Area (new)
TMA

Course Number
392

Teaching Area
TMA

Course Title
Children's Media

Course Description
Historical and theoretical survey of media for and about children and the literature that informs it; discussions and strategies relating to production, reception, pedagogy, and parenting.

Department
Theatre and Media Arts

When Taught
Winter Even Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Children's Media History and Development

Tags
188620, 1

Learning Outcome
To survey the history of children's media, its various forebears (children's literature particularly) and components (film, television, interactive mult-media), and to consider some of the theoretical and practical implications of same; to study both texts and authors, signal moments and broad movements; to attend not only to conventional issues relating to production and criticism, but to also give special consideration to audience: reception, phenomenology, appropriation and the likening of outside material to one's own life and circumstances; to identify techniques by which teachers, parents and children together can make media an abiding part of an abundant relationship.

TMA 393R - Non-Fiction Mentored Projects

Course Information

Course Number
393R

Teaching Area
TMA

Course Title
Non-Fiction Mentored Projects

Course Description
Faculty mentored experience on an advanced, professionally executed non-fiction project.

Department
Theatre and Media Arts

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
0.5

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 185 - Basic Film Production

Other Prerequisites
Instructor approval required.

Learning Outcomes

Title
Media Arts History, Concepts, and Processes

Learning Outcome
Students will demonstrate a comprehension of core concepts, skills, processes of non-fiction production

Title
Ethics, Collaboration, and Spirituality

Learning Outcome
Students will demonstrate personal ethics, collaborative skills, and spiritual sensitivities relevant to media arts.

Title
Skill Development

Learning Outcome
Students will demonstrate analytical, conceptual and technical skills in a non-fiction production.

Title
Career Development

Learning Outcome
Students will practice a variety of activities that prepare them for professional production.

TMA 395 - Dramatic Literature 1

Course Information

Teaching Area (new)
TMA

Course Number
395

Teaching Area
TMA

Course Title
Dramatic Literature 1

Course Description
Survey of dramatic texts, from ancient Greek to today, through Western literary theories, emphasizing performance.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 140 - Script Analysis
  AND TMA 201 - Dramatic Performance: Antiquity to Renaissance
  AND TMA 202 - Dramatic Performance: Renaissance to the Present

Note
Other History of Civilization courses may be substituted for TMA 201 and TMA 202 with instructor permission.

Learning Outcomes

Title
Theorizing Practice

Tags
188516, 4

Learning Outcome
Students will create socially conscious, ideologically-grounded performances that respond both to their world views and contemporary issues in critical theory.

Title
Practicing Theory

Tags
189136, 3

Learning Outcome
Students will develop an ethics of representation through the application of linguistic theory and social theories to great works of dramatic literature.

Title
Critical Response

Tags
189139, 2

Learning Outcome
Students will create cogent and compelling responses to great works of dramatic literature in a variety of different mediums-oral reports, production reviews, persuasive essays, and critical analyses.

TMA 396 - TMA 396 - Dramatic Literature 2

Course Information

Course Number
396

Teaching Area
TMA

Course Title
TMA 396 - Dramatic Literature 2

Course Description
Survey of dramatic texts, from Western literature through contemporary theories, emphasizing performance.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 140 - Script Analysis
- TMA 201 - Dramatic Performance: Antiquity to Renaissance
- TMA 202 - Dramatic Performance: Renaissance to the Present

Learning Outcomes

Title
Theorizing Practice

Learning Outcome
Students will create socially conscious, ideologically-grounded performances that respond both to their world views and contemporary issues in critical theory.

Title
Practicing Theory

Learning Outcome
Students will develop an ethics of representation through the application of linguistic theory and social theories to great works of dramatic literature.

Title
Critical Response

Learning Outcome
Students will create cogent and compelling responses to great works of dramatic literature in a variety of different mediums-oral reports, production reviews, persuasive essays, and critical analyses.

TMA 399R - Academic Internship

Course Information

Teaching Area (new)
TMA

Course Number
399R

Teaching Area
TMA

Course Title
Academic Internship

Course Description
Off-campus experience or internship in theatre or media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives
  AND TMA 185 - Basic Film Production

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 115 - Introduction to Performance Studies

Other Prerequisites
Theatre students: TMA 115 and application. Media students: TMA 112 and 114 and 185/105 and application.

Note
An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Outcomes Specific to Experience

Tags
188518, 1

Learning Outcome
Because of the individual nature of the internship course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

TMA 410 - Acting Capstone

Course Information

Teaching Area (new)
TMA

Course Number
410

Teaching Area
TMA

Course Title
Acting Capstone

Course Description
Participation in a final acting project on the BYU main-stage season.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
3

Other Prerequisites
BFA acting major status. By audition only

Learning Outcomes

Title
BFA Senior Performance Project

Tags
188519, 0, 1

Learning Outcome
Students will prepare a role in a BFA Senior Project synthesizing and showcasing the cumulative knowledge and skill attained in the BFA program.

Title
Work Ethic

Tags
188520, 0, 2

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 411 - Future Performance

Course Information

Teaching Area (new)
TMA

Course Number
411

Teaching Area
TMA

Course Title
Future Performance

Course Description
A senior-level course for Theatre Arts Studies majors that prepares students to enter into the world as innovative scholar artists. \n

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 301 - Contemporary Performance Practices (Inactive)

Learning Outcomes

Title
Career Development

Tags
207393, 1

Learning Outcome
Students will create the materials and skills necessary (e.g. resume, portfolio, interviewing, networking) to enter the professional field.

Title
Lifelong Learning and Advocacy

Tags
207394, 2

Learning Outcome
Students will assess their strengths and weaknesses in their areas of expertise and will develop a plan for lifelong learning and arts advocacy.

TMA 416R - Teaching Assistant Credit

Course Information

Teaching Area (new)
TMA

Course Number
416R

Teaching Area
TMA

Course Title
Teaching Assistant Credit

Course Description
Credit for teaching assistantships for TMA courses.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Other Prerequisites
and instructor's consent

Learning Outcomes

Title
Effective Teaching Principles

Tags
188625, 1

Learning Outcome
Students will understand the prinicples of good teaching.

Title
Pedagogical Philosophies

Tags
188626, 2

Learning Outcome
Students will be introduced to various pedagogical philosophies.

Title
Teaching Skills

Tags
188627, 3

Learning Outcome
Students will develop skills in teaching.

Title
Personal Teaching Style

Tags
188628, 5

Learning Outcome
Students will discover a personal style that will combine solid pedagogical philosophies and skills in teaching.

TMA 418 - Advanced Visual Storytelling

Course Information

Teaching Area (new)
TMA

Course Number
418

Teaching Area
TMA

Course Title
Advanced Visual Storytelling

Course Description
Teaches students the tools and techniques employed by directors, cinematographers, production designers, and editors in the telling of meaningful stories through the creation of purposeful images. Students watch, read, analyze, and practice the craft of filmmaking.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 318 - Approaches to Screen Directing
  AND TMA 185 - Basic Film Production
  AND TMA 241 - Screenwriting 1

Complete ALL of the following :

Other Prerequisites
Instructor Approval Required. See Classes - Class Applications on film.byu.edu for information.

Recommended
TMA 123
Cinematography Practicum

Note
TMA 318 prerequisite can be waived for cinematographers, editors, producers, and designers. See film.byu.edu for information.

Learning Outcomes

Title
Cinematic Skills

Tags
214506, 0, 1, 2023-08-29 13:11:43

Learning Outcome
Students will focus and refine their media directing and producorial skills in an advanced production setting.

Title
Collaborative skills

Tags
214507, 0, 2, 2023-08-29 13:11:46

Learning Outcome
Students will collaborate with peer media artists in the creation of mediated exercises.

TMA 420R - Performance Workshop 2

Course Information

Teaching Area (new)
TMA

Course Number
420R

Teaching Area
TMA

Course Title
Performance Workshop 2

Course Description
Advanced experience in production: acting.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
By audition only

Learning Outcomes

Title
Performance Project

Tags
188523, 2

Learning Outcome
Students will prepare a role in a mainstage production syntehesizing and showcasing the research, creative process, and collaboration of the rehearsal process.

Title
Professional Habits

Tags
188524, 0, 1

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

TMA 422 - Dialects

Course Information

Teaching Area (new)
TMA

Course Number
422

Teaching Area
TMA

Course Title
Dialects

Course Description
Major stage dialects.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- MDT 229 - Musical Scene Study

Other Prerequisites
BFA acting or MDT major status. BFA acting majors: TMA 222 and 228. BFA MDT majors: TMA 121 and 228. By audition only

Learning Outcomes

Title
Dialect Study

Tags
188527, 0, 1

Learning Outcome
Students will engage in a process of dialect study and apply that process to each dialect studied in class.

Title
Skill Integration

Tags
188529, 0, 3

Learning Outcome
Students will integrate dialect, voice, and performance skills.

Title
Evaluation

Tags
188530, 0, 4

Learning Outcome
Students will peer-evaluate acting and dialect skills as well as self-evaluate individual progress and performance.

Title
Work Ethic

Tags
210869, 0, 5

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 423R - Advanced Kennedy Center American College Theatre Festival

Course Information

Teaching Area (new)
TMA

Course Number
423R

Teaching Area
TMA

Course Title
Advanced Kennedy Center American College Theatre Festival

Course Description
Coaching advanced students who will participate in the Kennedy Center American College Theatre Festival.

Department
Theatre and Media Arts

When Taught
Winter Term 1.

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
0

Other Prerequisites
By application only

Learning Outcomes

Title
Individual Festival Outcomes

Tags
188878, 0

Learning Outcome
Because of the individual nature of the festival course, students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program-level learning outcomes.

TMA 424 - Advanced Acting

Course Information

Teaching Area (new)
TMA

Course Number
424

Teaching Area
TMA

Course Title
Advanced Acting

Course Description
Scene studies in extended realism. Absurdism, American classics, Shaw, Chekhov, etc.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
TMA 324. BFA acting major status. By audition only.

Learning Outcomes

Title
Play and Character Analysis

Tags
188531, 1

Learning Outcome
Students will analyze plays and characters from an actor's point of view, and will choose objectives, actions, and obstacles congruent with the historical text of modern classic texts.

Title
Communication and Listening Skills

Tags
188532, 2

Learning Outcome
Students will employ honest communication and listening skills and demonstrate an ability to make choices that challenge individual emotional range.

Title
Positive Work Habits

Tags
188533, 0, 3

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 425 - Character Mask

Course Information

Teaching Area (new)
TMA

Course Number
425

Teaching Area
TMA

Course Title
Character Mask

Course Description
Use of the body as a primary tool for character and script interpretation.

Department
Theatre and Media Arts

When Taught
Fall Odd Years

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
BFA acting major status. By audition only.

Learning Outcomes

Title
Professionalism

Tags
213149, 0, 3

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

Title
Physical Performance Skills

Tags
188535, 0, 2

Learning Outcome
Students will practice developing character and story by using physical performance modalities.

Title
Mask and Character Development

Tags
188534, 0, 1

Learning Outcome
Students will learn how to work with character masks to develop characters for performance.

TMA 428 - Acting Practicum

Course Information

Teaching Area (new)
TMA

Course Number
428

Teaching Area
TMA

Course Title
Acting Practicum

Course Description
Acting practicum experience focused on acting performance in theatre or media arts.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Other Prerequisites
Acceptance into the BFA acting major; BFA faculty approval.

Learning Outcomes

Title
Work Ethic

Tags
210872, 0, 2

Learning Outcome
Students will apply professional work habits of dependability, promptness, cooperation, preparation, and the ability to make independent choices.

Title
Performance Project

Tags
210871, 0, 1

Learning Outcome
Students will accomplish a significant performance or performance-related project, approved by the BFA Acting Committee. This work is intended to be customized to the student's opportunity provided it will fulfill the expected rigor of TMA 428.

Title
Compassion and Empathy in Art and Life

Tags
213070, 0, 3

Learning Outcome
Students will develop a gospel-centered sense of empathy and compassion that will serve as a foundation for the actor on stage and screen, as well as a foundation for living a more Christian life.

TMA 429 - Performance: Recital

Course Information

Teaching Area (new)
TMA

Course Number
429

Teaching Area
TMA

Course Title
Performance: Recital

Course Description
Thirty- to forty-five minute performance of cuttings from varied genres.

Department
Theatre and Media Arts

When Taught
Winter Odd Years

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Other Prerequisites
TMA 229 and 422 and 424. BFA acting major status. By audition only

Learning Outcomes

Title
Performance

Tags
188540, 0, 1

Learning Outcome
Students will demonstrate their performance proficiency in a curated and directed showcase performance.

Title
Identify and Expand Capabilities

Tags
188542, 0, 3

Learning Outcome
Students will identify and expand their range as a performer in order to demonstrate flexibility and contrast of voice, movement, energies, dialect, and characterizations in performance.

Title
Work Ethic

Tags
188541, 0, 2

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 436 - Stage Directing 2: Advanced Directing Practicum

Course Information

Teaching Area (new)
TMA

Course Number
436

Teaching Area
TMA

Course Title
Stage Directing 2: Advanced Directing Practicum

Course Description
Directing projects for class critique and public presentation.

Department
Theatre and Media Arts

When Taught
Fall; Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 336 - Stage Directing 1: Principles and Practices

Other Prerequisites
instructor's consent

Note
Students must attend one Mask Club performance, held Thursdays at 1:00 pm, 2:00 pm, and 4:00 pm in the Nelke Theatre.

Learning Outcomes

Title
Production Processes

Learning Outcome
Students will create performance that engages a full production team and a student audience; through preproduction work, rehearsals, and production.

Title
Skill Development

Learning Outcome
Enlarge the intellectual range of their education by developing skills, breadth, and depth in the discipline of directing.

TMA 438 - Auditions

Course Information

Teaching Area (new)
TMA

Course Number
438

Teaching Area
TMA

Course Title
Auditions

Course Description
Auditions, cold reading, resumes, and the business end of acting, music, and dance for the professional performer.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Other Prerequisites
BFA acting or MDT major status. BFA acting majors: TMA 229 and 325 and 422 and 424. BFA MDT majors: TMA 229 and 422 and Dance 240. By audition only

Learning Outcomes

Title
Auditioning Skills

Tags
188537, 0, 2

Learning Outcome
Students will identify, recognize, and apply effective cold reading, improvisation, prepared, on camera, and other auditioning techniques.

Title
Integration of Acting Skills

Tags
188538, 0, 3

Learning Outcome
Students will demonstrate a mastery of performance technique integrating acting proficiency, vocal production, and emotional dexterity.

Title
Evaluation

Tags
188539, 0, 4

Learning Outcome
Students will self-evaluate progress and practice effective peer coaching and peer evaluation techniques.

Title
Professional Practice and Behaviors

Tags
210870, 0, 5

Learning Outcome
Students will practice professional work habits of dependability, punctuality, preparation, collaboration and the ability to make independent choices.

TMA 441R - Screenwriting 3

Course Information

Teaching Area (new)
TMA

Course Number
441R

Teaching Area
TMA

Course Title
Screenwriting 3

Course Description
Advanced narrative and/or nonfiction screenwriting principles. Emerging technology.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 291 - Film History 1
  AND TMA 341R - Screenwriting 2

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 292 - Film History 2
  AND TMA 341R - Screenwriting 2

Other Prerequisites
major status. By application only

Learning Outcomes

Title
Feature-length Screenplay

Tags
188629, 1

Learning Outcome
To remain conversant with the tools of the screenwriter through lectures, readings, and student writings/readings, and to exercise these skills in the creation of a feature-length screenplay.

TMA 443R - Writer/Dramaturg/Actor Workshop

Course Information

Teaching Area (new)
TMA

Course Number
443R

Teaching Area
TMA

Course Title
Writer/Dramaturg/Actor Workshop

Course Description
Collaborative workshop developing new stage and screenplays through exercises, discussion, and writing. Scripts selected competitively; public readings at end of course.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
1

Other Prerequisites
TMA 115 and instructor's consent.

Learning Outcomes

Title
Script Exploration

Tags
188551, 1

Learning Outcome
Students will develop the ability to objectively explore the merits of a new script and to identify strengths and weakness in new scripts.

Title
New Play Development

Tags
188552, 2

Learning Outcome
Students will develop the ability to thoughtfully and accurately express their opinions in constrictive ways and to workshop this feedback appropriately.

Title
New Play Development

Tags
188553, 3

Learning Outcome
Students will develop the ability to evaluate and appropriately apply feedback on their new scripts and to effectively rewrite their new scripts.

TMA 451R - Playwriting 3

Course Information

Teaching Area (new)
TMA

Course Number
451R

Teaching Area
TMA

Course Title
Playwriting 3

Course Description
Workshop course designed to assist more advanced students in furthering their playwriting skills by writing or rewriting a play.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 351 - Playwriting 2

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Writing Processes

Tags
188966, 0, 0

Learning Outcome
Students will establish and codify their own writing style.

Title
Theatrical Storytelling

Tags
188912, 0, 1

Learning Outcome
Students demonstrate their mastery of the elements and principles of theatrical storytelling and character development.

Title
Theatrical Structures

Tags
188939, 0, 2

Learning Outcome
Students will demonstrate their mastery of the elements of theatrical structures and character development.

Title
Script Analysis

Tags
189033, 0, 3

Learning Outcome
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their own plays.

TMA 455R - Theatre Tour

Course Information

Teaching Area (new)
TMA

Course Number
455R

Teaching Area
TMA

Course Title
Theatre Tour

Course Description
Theatre for young audiences; touring experience.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Other Prerequisites
By audition only

Learning Outcomes

Title
Performance

Tags
188863, 1

Learning Outcome
Students will expand talents and skills for performing through challenging literature, blocking, choreography, characterization, and emitional commitment.

Title
Alternative Productions

Tags
188935, 1

Learning Outcome
Students will be introduced to alternative aspects of production (through educational outreach programs, service opportunities, and theatre for young audiences).

Title
Children's Literature, Practices, and Assessment

Tags
188999, 2

Learning Outcome
Students will explore children's literature and practices as well as synthesize performative and critical assessments.

TMA 456R - Production Stage Management

Course Information

Course Number
456R

Teaching Area
TMA

Course Title
Production Stage Management

Course Description
Production stage management at an advanced level.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisite

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 256 - Stage Management 1
- TMA 356R - Assistant Stage Managers

Other Prerequisites
Instructor permission only.

Learning Outcomes

Title
Technical Training

Learning Outcome
Demonstrate proficiency in preparing, organizing, and maintaining production paperwork, prompt books, and reports for a fully staged production.

Title
Performance Practice 1

Learning Outcome
Demonstrate proficiency in preparing, organizing, and maintaining production paperwork, prompt books, and reports for a fully staged production.

Title
Performance Practice 2

Learning Outcome
Model industry-standard stage management practices, demonstrating accountability, reliability, and professionalism in all aspects of production.

TMA 457 - Media, Creativity, and Education

Course Information

Teaching Area (new)
TMA

Course Number
457

Teaching Area
TMA

Course Title
Media, Creativity, and Education

Course Description
Developing educational methods and techniques for using media in the specialized media classroom; study of educational models and theories related to historical and emerging media technologies.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 276 - Exploration of Teaching Theatre

OR

Prerequisites

Complete ALL of the following Courses:

- ENGL 276R - Exploration of Teaching

Learning Outcomes

Title
Media Education Theory and Practice

Tags
191437, 2

Learning Outcome
Examine media education theories and strategies of media education practice.

Title
Media and Media Literacy

Tags
191438, 4

Learning Outcome
Implement media and media literacy strategies into theatre or English curricula.

Title
Personal and Global Media Presence

Tags
191439, 6

Learning Outcome
Investigate the mediated world at large, considering personal media presence as well as the global media.

Title
Local and Global Media Programs

Tags
191440, 8

Learning Outcome
Discuss and examine local and global media secondary programs.

Title
Personal Pedagogical Standards

Tags
191441, 10

Learning Outcome
Develop personal pedagogical standards from which they create and teach a media infused curriculum for their future classroom.

TMA 460 - Portfolio

Course Information

Teaching Area (new)
TMA

Course Number
460

Teaching Area
TMA

Course Title
Portfolio

Course Description
Hands-on training in professional resumes, cover letters, job searches, and portfolio techniques for person-to-person layout, digital presentation, personal website creation and other emerging practices.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
Students should be working on or have completed at least one production assignment.

Learning Outcomes

Title
Career Planning

Tags
189153, 2

Learning Outcome
Students will define goals for their future work and life after BYU, and develop a plan for how to reach those goals.

Title
Professional Presentation

Tags
189154, 3

Learning Outcome
Students will demonstrate the ability to present their professional work, skills, and experiences in industry standard ways in interviews, in presentations, and with a website portfolio.

Title
Application Materials

Learning Outcome
Students will identify the required skills and experience expectations for jobs or graduate school programs appropriate to their career goals, and demonstrate their ability to create the required industry standard documents for applying for these opportunities.

Title
Job Search Skills

Learning Outcome
Students will practice job search skills including identifying induistry approriate places to look for jobs, developing and using a network, social media use, and identifying empoyers to target.

TMA 462 - History of Costume

Course Information

Teaching Area (new)
TMA

Course Number
462

Teaching Area
TMA

Course Title
History of Costume

Course Description
History of dress and clothing from the ancient world through the twenty-first century, applied to costume design for theatre and media arts.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Technical Training

Tags
188971, 0, 1

Learning Outcome
Students will demonstrate effective research techniques as resource for the design and production of historic costumes.

TMA 463 - Production Design

Course Information

Teaching Area (new)
TMA

Course Number
463

Teaching Area
TMA

Course Title
Production Design

Course Description
Introduction to design for film and television. Techniques, basic design elements, analysis, concept boards, budgets, and visits to film locations.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
2

Other Prerequisites
TMA 363 or instructor's consent.

Learning Outcomes

Title
Production Design Practice

Tags
188922, 2

Learning Outcome
Students will demonstrate a working knowledge of production design for film and television through class assignments, field trips, and guest visits.

Title
Production Design Projects

Tags
189119, 1

Learning Outcome
Students will create realized production designs for TMA student films or KBYU projects.

TMA 467R - Makeup for Media

Course Information

Teaching Area (new)
TMA

Course Number
467R

Teaching Area
TMA

Course Title
Makeup for Media

Course Description
Advanced projects in makeup application.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
PROFESSIONAL SKILLS

Tags
189120, 1

Learning Outcome
Students will demonstrate new and advanced techniques in prosthetics and hair design.

Title
Application

Tags
189207, 1

Learning Outcome
Students will use skills and knowledge in makeup projects.

TMA 468R - Specialty Costumes

Course Information

Teaching Area (new)
TMA

Course Number
468R

Teaching Area
TMA

Course Title
Specialty Costumes

Course Description
Advanced skills in millinery, dyes, footwear, and allied project areas.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
6

Other Prerequisites
Instructor's consent only

Learning Outcomes

Title
Technical Training

Tags
188932, 0, 1

Learning Outcome
Students will demonstrate skills in costume crafts and specialized topics.

Title
Construction Experience

Tags
189228, 1

Learning Outcome
Students will demonstrate skills in costume construction on specialized topics.

Title
Analysis and Problem Solving

Tags
189230, 2

Learning Outcome
Students will apply hands-on costume skills to real-life performance challenges.

TMA 469 - Theatre Management

Course Information

Teaching Area (new)
TMA

Course Number
469

Teaching Area
TMA

Course Title
Theatre Management

Course Description
Basic philosophies of box office, front-of-house, and theatre marketing.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Learning Outcomes

Title
Practical Application

Tags
188555, 2

Learning Outcome
Students will demonstrate how to operate organizations in various performing arts facilities by creating budgets, marketing campaigns, and grant proposals.

Title
Skill Development

Tags
188554, 0, 1

Learning Outcome
Students will recognize the key elements vital to the operation of organizations in various performing arts facilities such as scheduling, budgeting, and marketing.

TMA 470R - Advanced Film Production: Independent

Course Information

Course Number
470R

Teaching Area
TMA

Course Title
Advanced Film Production: Independent

Course Description
This course culminates in the creation of an Advanced Film Project following the independent film model. The student crew is supervised by a faculty member, and the production schedule is limited to three terms. Each crew member must be registered for 470R credit during all three terms. Projects are subject to abbreviated production schedules, small crews, and a limited budget provided by the department.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 185 - Basic Film Production
  AND TMA 187 - Production Management: Beginning
  AND TMA 418 - Advanced Visual Storytelling

Other Prerequisites
TMA 418 is required for Directors only. Department approval required for crew.

Note
Students are admitted to the course following a pitch process. Please see the department website for more information.

Learning Outcomes

Title
Media Arts History, Concepts, and Processes

Learning Outcome
Students will demonstrate a comprehension of core concepts, skills, and processes of fiction production

Title
Ethics, Collaboration and Spirituality

Learning Outcome
Students will demonstrate personal ethics, collaborative skills, and spiritual sensitivities relevant to media arts.

Title
Skill Development

Learning Outcome
Students will demonstrate analytical, conceptual and technical skills associated with fiction production.

Title
Development of a Personal Creative Voice

Learning Outcome
Students will integrate knowledge of media arts history, concepts and processes into a personal approach to media creation.

Title
Career Development

Learning Outcome
Students will practice a variety of activities that prepare them for professional production or other media related work.

TMA 473R - Studio Advanced Film Project

Course Information

Teaching Area (new)
TMA

Course Number
473R

Teaching Area
TMA

Course Title
Studio Advanced Film Project

Course Description
Collaborative writing and directing a fictional advanced film production.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
6

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 418 - Advanced Visual Storytelling

Other Prerequisites
TMA 418 required for directors only. Media Arts major status. Department approval required.

Note
This course requires a pitch to the combined faculty. Please see the department website for details.

Learning Outcomes

Title
Advanced Directing

Tags
212842, 0, 1

Learning Outcome
Students will demonstrate an advanced skill set relative to the pre-production of a large-scale short film. They will oversee the efforts of a 70-80 member student crew.

Title
Collaboration

Tags
212843, 0, 2

Learning Outcome
Advanced directing students will collaborate with advanced producers to conceptualize and plan the creation of a large-scale short film.

Title
Conceptualization, Visualization, and Storytelling

Tags
212844, 0, 3

Learning Outcome
Advanced directing students will conceptualize, pre-visualize, and create materials that will eventually culminate in the completion of a cohesive, large-scale, short film.

Title
Working Within the Studio or Client Model

Tags
212845, 0, 4

Learning Outcome
Advanced directing students will demonstrate the ability to plan a film production that is subject to heavy oversight and institutional processes.

TMA 475R - Advanced Film Production: Studio

Course Information

Teaching Area (new)
TMA

Course Number
475R

Teaching Area
TMA

Course Title
Advanced Film Production: Studio

Course Description
Collaborative directing and editing a fiction advanced film production.

Department
Theatre and Media Arts

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
0.5

Fixed/Max:
6

Lecture Hours

Fixed:
4

Simple Requisites

Prerequisites

Type
Prerequisite

Complete ALL of the following Courses:
- TMA 418 - Advanced Visual Storytelling

Other Prerequisites
TMA 418 required for directors only. Media Arts major status. Department approval required.

Concurrent Enrollment in TMA 372R

Note
This course requires a pitch to the combined faculty. Please see the department website for details.

Learning Outcomes

Title
Advanced Directing

Tags
212846, 0, 1

Learning Outcome
Students will demonstrate an advanced skill set relative to the production and post production of a large-scale short film project.

Title
Collaborative Production

Tags
212847, 0, 2

Learning Outcome
Advanced directing students will demonstrate the ability to collaborate with multiple departments including the screenwriter, the producer, the camera crew, the sound crew, the design crew, the grip/electric crew, performers, DIT, editors, colorists, composers, etc.

TMA 476 - Secondary Student Teaching

Course Information

Teaching Area (new)
TMA

Course Number
476

Teaching Area
TMA

Course Title
Secondary Student Teaching

Course Description
Capstone, field-based, semester-long experience in teaching secondary students; demonstrating proficiency in all program standards. Seminar required.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
12

Fixed/Max:
12

Other Prerequisites
Theatre education major status. Completion of all course work or departmental approval; requires a total GPA of 3.0 or higher; requires a C or higher in all education-related and major-required courses.

Learning Outcomes

Title
Teaching Competency

Tags
210547, 0, 2

Learning Outcome
Students will demonstrate competency in theatre content and the pedagogical presentation of theatre concepts.

Title
Instructional Design and Delivery

Tags
210548, 0, 3

Learning Outcome
Students will design and deliver instruction to help young learners develop proficiency in theatre content and critical thinking.

Title
Diverse Learners

Tags
210549, 0, 4

Learning Outcome
Students will create a nurturing and motivating learning environment that helps diverse learners succeed.

Title
Lesson Planning and Pedagogical Strategies

Tags
210550, 0, 5

Learning Outcome
Students will plan lessons, units and courses based on the understanding of theatre content and theatre standards, as well as pedagogical strategies.

Title
Assessment Development and Use

Tags
210551, 0, 6

Learning Outcome
Students will generate and use assessments to evaluate learners as well as the effectiveness of their own instruction.

TMA 477R - Issues in Film

Course Information

Teaching Area (new)
TMA

Course Number
477R

Teaching Area
TMA

Course Title
Issues in Film

Course Description
In-depth study of key media arts issues, within context of gospel principles.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Other Prerequisites
TMA 291, 292; media arts major status.

Learning Outcomes

Title
New Media and Cultural Development

Tags
188676, 1

Learning Outcome
Explore the ways this significant media arts issue developed over time.

Title
Literature Review

Tags
188677, 4

Learning Outcome
Clarify definitions and practical functioning of significant concepts and paradigms.

Title
Analysis of key texts

Tags
188678, 7

Learning Outcome
Analyze key texts and their relationship to culture in relationship to key concerns.

Title
Nurturing Spirituality

Tags
188679, 8

Learning Outcome
Consider ethical and spiritual implcations of the issue.

Title
Collaboration/Discussion

Tags
188680, 10

Learning Outcome
Collaboratively identify and share information on current relating to the specific issue.

TMA 479R - Advanced Design

Course Information

Teaching Area (new)
TMA

Course Number
479R

Teaching Area
TMA

Course Title
Advanced Design

Course Description
Advanced techniques in performance design.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Technical Training

Tags
189208, 0, 1

Learning Outcome
Students will use skills and knowledge in advanced design.

TMA 480R - Special Topics in Theatre Research

Course Information

Teaching Area (new)
TMA

Course Number
480R

Teaching Area
TMA

Course Title
Special Topics in Theatre Research

Course Description
Special topics in focused historical, theoretical, or critical areas of performance research.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 395 - Dramatic Literature 1

Other Prerequisites
Or instructor consent

Learning Outcomes

Title
Conduct Original Research

Tags
188861, 3

Learning Outcome
Students will conduct original research under the guidance of an expert in the subject area.

Title
Professional Development

Tags
188871, 4

Learning Outcome
Students will become aware of the various ethical considerations that scholarship demands.

Title
Stay Current in Field

Tags
188945, 1

Learning Outcome
Students will become aware of and explore newly devloping ideas in theatre and performance studies.

Title
Practical Experience

Tags
188959, 0

Learning Outcome
Students will gain in-depth practical experience in performance/research practices and methodologies not similarly treated elsewhere in the TMA curriculum.

Title
Develop Research Strategies

Tags
189100, 2

Learning Outcome
Students will experience how a professional scholar deals with various research-related concerns: archives, methodologies, current academic conversations, etc.

TMA 483 - New Play Dramaturgy

Course Information

Teaching Area (new)
TMA

Course Number
483

Teaching Area
TMA

Course Title
New Play Dramaturgy

Course Description
Develop further research and hands-on theatrical skills in four critical studies areas: literary management, production dramaturgy, new play development, educational outreach.

Department
Theatre and Media Arts

When Taught
Winter.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 380 - Production Dramaturgy

Learning Outcomes

Title
Evaluate Dramaturgy

Tags
189147, 1

Learning Outcome
Students will evaluate dramaturgical documents, presentations, and practices.

Title
Collaboration

Tags
189148, 2

Learning Outcome
Students will collaborate with others in dramaturgical exercises.

Title
Do Dramaturgy

Tags
189149, 3

Learning Outcome
Students will generate dramaturgical documents.

Title
Self-Assessment

Tags
189150, 4

Learning Outcome
Students will assess their own dramaturgical work and practices.

TMA 484R - Advanced Special Projects

Course Information

Teaching Area (new)
TMA

Course Number
484R

Teaching Area
TMA

Course Title
Advanced Special Projects

Course Description
This is a course that provides mentoring and inspiring learning for advanced students collaborating with a faculty member on a professional media project.

Department
Theatre and Media Arts

When Taught
Fall, Winter, Spring

Credit Hours

Min:
0.5

Fixed/Max:
4

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Recommended
Advanced production and/or post-production skills

TMA 485R - Dramaturgy Practicum

Course Information

Teaching Area (new)
TMA

Course Number
485R

Teaching Area
TMA

Course Title
Dramaturgy Practicum

Course Description
Experience as lead dramaturg for main-stage productions; building casebooks and overseeing audience education efforts. Rehearsal and production meeting attendance required.

Department
Theatre and Media Arts

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
1

Fixed/Max:
3

Lecture Hours

Fixed:
2

Other Prerequisites
TMA 380 and instructor's consent

Learning Outcomes

Title
Production Casebook Development

Tags
188920, 2

Learning Outcome
Students will process, document, and archive their production dramaturgy experience by creating a production casebook.

Title
Production Team Support

Tags
188984, 1

Learning Outcome
Students will generate research, conceptual, and textual support as needed and requested by the production team.

Title
Collaborative Experience

Tags
189026, 1

Learning Outcome
Students will collaborate as a member of a production team and will collaborate with other dramaturgs in their production experiences.

TMA 489R - Production Leads

Course Information

Teaching Area (new)
TMA

Course Number
489R

Teaching Area
TMA

Course Title
Production Leads

Course Description
Practical experience working as performance designers, or related topics.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
6

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Professional Skills

Tags
214508, 0, 1, 2023-08-29 13:12:59

Learning Outcome
Students will create fully realized designs for season productions, to include all required supporting materials.

Title
Collaboration

Tags
214509, 0, 2, 2023-08-29 13:13:00

Learning Outcome
Students will practice advanced collaborative skills through hands-on participation on realized production teams.

Title
Communication

Tags
214510, 0, 3, 2023-08-29 13:13:01

Learning Outcome
Students will employ effective communication skills through pre-production meetings, shop interactions and post-production reviews.

Title
Portfolio

Tags
214511, 0, 4, 2023-08-29 13:13:02

Learning Outcome
Students will generate effective materials for their personal portfolios.

TMA 491 - Theatre & The Gospel

Course Information

Teaching Area (new)
TMA

Course Number
491

Teaching Area
TMA

Course Title
Theatre & The Gospel

Course Description
Analyzing and considering interrelationships of ethical, aesthetic, and theological dimensions of creating and performing media arts and theatre texts.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Other Prerequisites
BFA in Acting or MDT Majors only.

Learning Outcomes

Title
Ethical Decision Making

Tags
188556, 0, 1

Learning Outcome
Students will examine, define, and clarify an individual process of ethical decision making.

Title
Aesthetic Sensibility

Tags
188557, 0, 2

Learning Outcome
Students will define and clarify aesthetic sensibility in relationship to the creation and performance of dramatic art.

Title
Theological Connection

Tags
188559, 0, 4

Learning Outcome
Students will explore the relationship between God and humankind, specifically as it relates to artistic aesthetical and ethical practice.

TMA 492R - Film Genres

Course Information

Teaching Area (new)
TMA

Course Number
492R

Teaching Area
TMA

Course Title
Film Genres

Course Description
Intensive analysis of a single major traditional media genre (i.e., western, musical, sitcom, or melodrama) with consideration of contextual, subtextual, and textual issues.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
TMA 291 or 292; media arts major or minor status

Learning Outcomes

Title
Horror Genre Studies

Tags
188681, 1

Learning Outcome
To listen to a ton of lectures, read a ton of stories, and see a ton of films relating to a given genre. We will also learn about some of the social and historical factors that have informed narratives within that genre, as well as some of their many and evolving styles and conventions.

Title
Analysis of a Specific Genre

Tags
188682, 2

Learning Outcome
Explore a specific genre as a microcosm of larger aesthetic and social development of popular cultural artifacts.

Title
Scholarly Genre Study

Tags
188683, 3

Learning Outcome
Identify scholarly material related to genre study.

Title
Context relationships

Tags
188684, 4

Learning Outcome
Consider the relationship of text, subtext, and context in genre film.

Title
Analyze Conventions

Tags
188685, 5

Learning Outcome
Analyze the significance of conventions and themes both diachronically and synchronically.

TMA 494R - Transcendence: Religion and Film

Course Information

Teaching Area (new)
TMA

Course Number
494R

Teaching Area
TMA

Course Title
Transcendence: Religion and Film

Course Description
Historical, stylistic, and thematic survey of approaches to religious and spiritual subject matter in film.

Department
Theatre and Media Arts

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
6

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TMA 291 - Film History 1

OR

Prerequisites

Complete ALL of the following Courses:

- TMA 292 - Film History 2

Other Prerequisites
media arts major or minor status.

Learning Outcomes

Title
Explore film in the context of the Gospel of Jesus Christ

Tags
188686, 1

Learning Outcome
Students will explore ways that the Gospel of Jesus Christ impacts their personal understandings and creation of film.

Title
Analyze film texts using religious and spiritual paradigms

Tags
188687, 2

Learning Outcome
Students will critically analyze how films present and represent diverse perspectives on religion, spirituality, and applied ethics.

Title
Compare and correlate approaches to religion/spirituality in film

Tags
188688, 3

Learning Outcome
Students will compare and correlate historical, theoretical, and stylistic approaches to religion, spirituality, and ethics across a range of cinematic traditions and genres.

Title
Interpret film through discussion and writing

Tags
188689, 4

Learning Outcome
Students will articulate informed interpretations of films that engage with questions of meaning making, morality, and human values through discussion and writing.

TMA 496R - Academic Internship

Course Information

Teaching Area (new)
TMA

Course Number
496R

Teaching Area
TMA

Course Title
Academic Internship

Course Description
Off-campus experience or internship in theatre or media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
0.5

Fixed/Max:
12

Other Prerequisites
Theatre Arts Studies and BFA Acting students: TMA 115; by application only. Theatre education students: completion of all course work or departmental approval; requires a GPA of 3.0 or higher; requires a C or higher in all education-related and major-required courses. Media students: TMA 114 and 185/105; by application only.

Note
An approved Internship Application is required before adding.

Learning Outcomes

Title
Expanding Knowledge

Tags
188560, 1

Learning Outcome
Students will improve their capacity as storytellers and filmmakers by observing and assisting in professional settings outside of BYU.

Title
Effective Communication

Tags
188561, 2

Learning Outcome
Collaborate effectively with other professionals in the creation of a film, television series, or other media production.

TMA 497R - The Motion Picture: Mirror of Our Times

Course Information

Teaching Area (new)
TMA

Course Number
497R

Teaching Area
TMA

Course Title
The Motion Picture: Mirror of Our Times

Course Description
Interdisciplinary approach to media texts as aesthetic and historical documents expressing a people, place, and time.

Department
Theatre and Media Arts

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
3

Other Prerequisites
TMA 291 or 292; media arts major or minor status

Learning Outcomes

Title
Understand and Explore Culture and Social Values

Tags
188690, 1

TMA 498R - Special Topics in Film

Course Information

Teaching Area (new)
TMA

Course Number
498R

Teaching Area
TMA

Course Title
Special Topics in Film

Course Description
Consideration of compelling issues in media arts practice, theory, history, and criticism.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
3

Other Prerequisites
TMA 291 or 292; media arts major or minor status

Learning Outcomes

Title
Analysis

Tags
188691, 1

Learning Outcome
In-depth textual, contextual, and subtextual analyses of a compelling topic in media arts.

Title
Paradigm Exploration

Tags
188692, 2

Learning Outcome
Paradigmatic exploration of emerging media arts issues in practice, theory and history.

Title
Aesthetic and Historical implications

Tags
188693, 3

Learning Outcome
Thoughtful consideration of aesthetic and historical implications of special media arts topics.

Title
Review of Applicable Texts

Tags
188694, 4

Learning Outcome
Consideration of representative texts of the media arts special topic.

TMA 515R - Special Projects 3

Course Information

Teaching Area (new)
TMA

Course Number
515R

Teaching Area
TMA

Course Title
Special Projects 3

Course Description
Advanced special projects in theatre or media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
6

Other Prerequisites
Theatre and media arts students: by application.

Learning Outcomes

Title
Statement on Outcomes

Tags
189199, 1

Learning Outcome
Because this course serves as an umbrella for a number of different sections that provide a variety of learning experiences, the instructor of each section will list at least three (3) course-level learning outcomes for that section that are in line with the applicable program-level learning outcomes.

TMA 536R - Special Projects in Stage Directing

Course Information

Teaching Area (new)
TMA

Course Number
536R

Teaching Area
TMA

Course Title
Special Projects in Stage Directing

Course Description
Advanced experience in stage directing.

Department
Theatre and Media Arts

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
0.5

Fixed/Max:
3

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 436 - Stage Directing 2: Advanced Directing Practicum

Other Prerequisites
application required.

TMA 551R - Playwriting 4

Course Information

Teaching Area (new)
TMA

Course Number
551R

Teaching Area
TMA

Course Title
Playwriting 4

Course Description
Workshop course designed to assist more advanced students in furthering their playwriting skills by writing or rewriting a play.

Department
Theatre and Media Arts

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
4

Lab Hours

Fixed:
0

Other Prerequisites
TMA 451 or instructor's consent

Learning Outcomes

Title
Writing Processes

Tags
189055, 0, 1

Learning Outcome
Students will develop their own process for adapting content for the stage.

Title
Theatrical Storytelling

Tags
189070, 0, 1

Learning Outcome
Students demonstrate their ability to adapt stories to the stage.

Title
Script Analysis

Tags
189007, 0, 3

Learning Outcome
Students will demonstrate the skills to accurately and thoughtfully analyze and re-write their theatrical adaptations.

TMA 590R - Master Seminar

Course Information

Teaching Area (new)
TMA

Course Number
590R

Teaching Area
TMA

Course Title
Master Seminar

Course Description
Special topics seminar on topics relevant to the fields of media and/or performance studies.

Department
Theatre and Media Arts

When Taught
Fall and Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Contemporary Theatre Scholarship

Tags
188856, 0

Learning Outcome
Graduates will have an introduction to contemporary theatre scholarship

Title
Western Theatre History

Tags
188929, 0

Learning Outcome
Graduates will have a basic working knowledge of the major points of Western theatre history

Title
General Global Historical Context

Tags
188961, 0

Learning Outcome
Graduates will have a general global historical context in which to place performance events

Title
Personal Exploration

Tags
188985, 0

Learning Outcome
Graduates will have a space to explore your own interests and disciplines

TMA 599R - Academic Internship

Course Information

Teaching Area (new)
TMA

Course Number
599R

Teaching Area
TMA

Course Title
Academic Internship

Course Description
Off-campus experience or internship in theatre or media arts.

Department
Theatre and Media Arts

When Taught
All Semesters/Terms

Credit Hours

Min:
1

Fixed/Max:
9

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TMA 114 - Reading and Constructing Narratives
  AND TMA 185 - Basic Film Production

Other Prerequisites

Theatre students: TMA 115; by application only. Media students: TMA 112 and 114 and 185/105; by application only. TMA graduate student: by application only.

Note

An APPROVED Internship Application is required before adding.

Learning Outcomes

Title
Individual Experience Outcomes

Tags
188916, 0

Learning Outcome
Because of the individual nature of the internship course students work with their advisor to list at least three (3) objectives they hope to achieve that are in line with the program level learning outcomes.

TML 400 - Foundations in Teaching Multilingual Learners

Course Information

Teaching Area (new)
TELL

Course Number
400

Teaching Area
TML

Course Title
Foundations in Teaching Multilingual Learners

Course Description
Explores how gospel principles and Christlike virtues enrich content and language instruction for multilingual learners through the TEAML instructional vision, fostering effective and meaningful learning opportunities for multilingual learners.

Department
Teacher Education

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Gospel Foundations

Tags
178717, 5

Learning Outcome
Explore connections between principles of the restored gospel of Jesus Christ with what it means to teach multilingual learners in effective and meaningful ways.

Title
TEAML Core Practices

Tags
178726, 0

Learning Outcome
Understand how these connections are manifest in the TEAML Instructional Vision and its core practices.

Title
Teaching Dispositions

Tags
178773, 3

Learning Outcome
Articulate with nuance how TEAML core practices demand the exercise of Christlike virtue.

TML 410 - Disciplinary Literacy in an Additional Language

Course Information

Teaching Area (new)
TELL

Course Number
410

Teaching Area
TML

Course Title
Disciplinary Literacy in an Additional Language

Course Description
Explores how children learn English as an additional language in and beyond school. Focuses on assisting multilingual learners to participate in learning activities through modeled disciplinary language and targeted linguistic support.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Declare a Teaching Major

Recommended
TML 400

Learning Outcomes

Title
English Language Development

Tags
178827, 1

Learning Outcome
Understand key concepts from theory and research regarding how children develop English as an additional language in and out of school (including WIDA proficiency levels).

Title
Content Instruction

Learning Outcome
Understand the role of language to develop proficiency in disciplinary content and provide means of assisting English development of multilingual learners.

Title
Modeling and Input

Learning Outcome
Persist in assisting the participation of multilingual learners in the disciplinary practices (e.g., language arts, math, social studies, science) by (a) modeling disciplinary language structures and forms and (b) providing input as needed.

TML 420 - Assessment and Planning for Multilingual Learners

Course Information

Teaching Area (new)
TELL

Course Number
420

Teaching Area
TML

Course Title
Assessment and Planning for Multilingual Learners

Course Description
Prepares educators to integrate language development with content instruction. Focuses on designing formative assessments, using data to guide teaching, and collaborating with other educators to improve learning activities for multilingual learners.

Department
Teacher Education

When Taught
Fall

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
TML 400

Learning Outcomes

Title
Planning Instruction

Tags
178828, 1

Learning Outcome
Integrate content learning and language development standards (listening, speaking, reading, writing) for MLs within the same lesson, and plan activities to achieve these goals

Title
Assessment for Planning

Learning Outcome
Be aware of the purposes, affordances, and constraints of different types of assessment, and use assessment data to plan activities for MLs.

Title
Formative Assessment

Learning Outcome
Develop, plan for, and administer formative assessments of what MLs know and are able to do with language and in the content areas, and use this information to make instructional decisions.

Title
Professional Collaboration

Learning Outcome
Collaborate with teachers and other school-based staff to plan and study lesson activities and interactions that renew classroom learning activities for MLs.

TML 430 - Adolescent Literacy in an Additional Language

Course Information

Teaching Area (new)
TELL

Course Number
430

Teaching Area
TML

Course Title
Adolescent Literacy in an Additional Language

Course Description
Examines how adolescent learners develop disciplinary literacy in English as an additional language. Integrates literacy and language theories to design strategies that support participation across content areas through social, cultural, and cognitive dimensions of learning.

Department
Teacher Education

When Taught
Winter

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
TML 400

Learning Outcomes

Title
Adolescent Language Development

Tags
178829, 1

Learning Outcome
Integrate theories of (a) adolescent literacy development and (b) developing English as an additional language to understand how adolescent MLs develop interpretive and expressive modes of communication.

Title
Disciplinary Language

Learning Outcome
Be aware of the social, cultural, and cognitive ways in which literacy in English (as an additional language) intersects with disciplinary ideas and practices (in math, language arts, science, history, etc.) for adolescent MLs.

Title
Modeling and Input for Adolescents

Learning Outcome
Assist adolescent MLs to actively participate in speaking, listening, reading, and writing by (a) eliciting, affirming, and extending their ideas; (b) modeling disciplinary literacy practice, and (b) modeling and providing input as needed.

TML 442R - TEAML Practicum

Course Information

Teaching Area (new)
TELL

Course Number
442R

Teaching Area
TML

Course Title
TEAML Practicum

Course Description
Candidates develop and demonstrate competence in seven TEAML core teaching practices during supervised field placement, by enacting instruction with multilingual learners and receiving formative feedback across varied instructional content.

Department
Teacher Education

When Taught
Fall, Winter, and Spring

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
0

Lab Hours

Fixed:
0

Simple Requisites

Prerequisite

Type
Prerequisite

Prerequisite

Complete ALL of the following Courses:

- TML 400 - Foundations in Teaching Multilingual Learners
  OR TML 410 - Disciplinary Literacy in an Additional Language

Other Prerequisites
FBI fingerprint background clearance.

Note
Successful completion of this practicum is required for the TEAML teaching minor.

Learning Outcomes

Title
Lesson Plans

Tags
178831, 1

Learning Outcome
Plan instructional activities for multilingual learners that address language and content learning goals based on core practices of the TEAML instructional vision.

Title
Enacted Activities

Learning Outcome
Enact instructional activities that demonstrate competence in (a) supporting agentic student expression, (b) assisting English language development, (c) modeling and inputting, (d) connecting curricular content with students' lives, (e) fostering productive student collaborations, (f) formative assessment, and (g) promoting meaningful participation for every multilingual learner.

TML 450 - Family, Home, and Community Partnerships

Course Information

Teaching Area (new)
TELL

Course Number
450

Teaching Area
TML

Course Title
Family, Home, and Community Partnerships

Course Description
Prepares educators to engage with families and communities of multilingual learners. Examines cultural, social, and structural influences, identifies equity barriers, and develops practices that connect curriculum to students' everyday lives.

Department
Teacher Education

When Taught
Fall, Winter, Spring

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Recommended
TML 400

Learning Outcomes

Title
Learning from Families

Tags
179090, 2

Learning Outcome
Position yourself as a learner from the families and communities of multilingual learners.

Title
Family and Community Influences

Tags
179091, 1

Learning Outcome
Understand how families and communities shape the routines, interests, relationships, perspectives, expertise, values, and traditions of multilingual leaders.

Title
Structural Barriers

Learning Outcome
Identify and navigate structural barriers affecting multilingual learners and their families to partner with them and their communities

Title
Contextualizing Curriculum

Learning Outcome
Develop teaching practices that contextualize the curriculum in terms of what multilingual learners know and do in their everyday lives.

TONGA 100 - Language Study: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
100

Teaching Area
TONGA

Course Title
Language Study: Tongan

Course Description
Survival-level conversation, reading, listening, and culture skills in Tongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196662, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196664, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196678, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TONGA 101 - First-Year Language Study: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
101

Teaching Area
TONGA

Course Title
First-Year Language Study: Tongan

Course Description
Beginning speaking, listening, reading, and writing skills in Tongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196651, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196653, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196655, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196657, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TONGA 102 - First-Year Language Study: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
102

Teaching Area
TONGA

Course Title
First-Year Language Study: Tongan

Course Description
Second-semester speaking, listening, reading, and writing skills in Tongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TONGA 101 - First-Year Language Study: Tongan

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196636, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196637, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196638, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196639, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TONGA 201 - Second-Year Language Study: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
201

Teaching Area
TONGA

Course Title
Second-Year Language Study: Tongan

Course Description
Intermediate speaking, listening, reading, and writing skills in Tongan.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TONGA 102 - First-Year Language Study: Tongan

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196629, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196630, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196631, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196633, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TONGA 202 - Second-Year Language Study: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
202

Teaching Area
TONGA

Course Title
Second-Year Language Study: Tongan

Course Description
Continued emphasis on Tongan communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:
- TONGA 201 - Second-Year Language Study: Tongan

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196622, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196624, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196626, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196628, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TONGA 305 - Language Skills Development: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
305

Teaching Area
TONGA

Course Title
Language Skills Development: Tongan

Course Description
Increasing proficiency in one or more of the following Tongan language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196618, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196619, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196621, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TONGA 321 - Advanced Grammar: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
321

Teaching Area
TONGA

Course Title
Advanced Grammar: Tongan

Course Description
Advance your Tongan through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196612, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196613, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196616, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
330

Teaching Area
TONGA

Course Title
Advanced Language Proficiency Through Cultural Studies: Tongan

Course Description
Study of Tongan culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Tonga 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196605, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196606, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196608, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196610, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TONGA 340 - Introduction to Literature: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
340

Teaching Area
TONGA

Course Title
Introduction to Literature: Tongan

Course Description
Explore Tongan culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196599, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196600, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196602, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196603, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TONGA 350 - Advanced Language Study for Career Purposes: Tongan

Course Information

Teaching Area (new)
TONGA

Course Number
350

Teaching Area
TONGA

Course Title
Advanced Language Study for Career Purposes: Tongan

Course Description
Concentration on Tongan language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TONGA 330 - Advanced Language Proficiency Through Cultural Studies: Tongan

Learning Outcomes

Title
Defined Career Purposes

Tags
196591, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196593, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196594, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196595, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196597, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TRM 199R - Academic Internship: Practicum

Course Information

Teaching Area (new)
TRM

Course Number
199R

Teaching Area
TRM

Course Title
Academic Internship: Practicum

Course Description
Internship or cooperative education experience evaluated by supervisor and posted on student's transcript.

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
3

Lecture Hours

Fixed:
1

TRM 400 - Inclusion and Disabilities in Therapeutic Recreation

Course Information

Teaching Area (new)
TRM

Course Number
400

Teaching Area
TRM

Course Title
Inclusion and Disabilities in Therapeutic Recreation

Course Description
Making recreation / leisure services available to all populations. Analyzing implications of the Americans with Disabilities Act in recreational settings. Preparing recreation providers with knowledge and practical experience to enable them to include people from populations that have historically been underserved.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
For Therapeutic Recreation and Management majors only.

Learning Outcomes

Title
Inclusive Recreation Services

Tags
175429, 1

Learning Outcome
Have entry-level knowledge related to providing inclusive recreation services for individuals with disabilities in therapeutic recreation settings.

Title
Americans with Disabilities Act (ADA)

Tags
175430, 2

Learning Outcome
Have a basic understanding of the Americans with Disabilities Act (ADA) and how it relates to Therapeutic Recreation and inclusive recreation services.

Title
History of Individuals with Disabilities

Tags
175431, 3

Learning Outcome
Have a basic knowledge and understanding of the history of individuals with disabilities, how they have been treated, and what services they have received over time.

Title
Process

Tags
175432, 4

Learning Outcome
Use the Therapeutic Recreation process (assessment, planning, implementation, evaluation, and documentation) in an inclusive recreation environment.

Title
Models

Tags
175433, 5

Learning Outcome
Apply Therapeutic Recreation models in an inclusive recreation environment.

Title
Practice Settings

Tags
175434, 6

Learning Outcome
Use Therapeutic Recreation practice settings to provide inclusive recreation services for people with disabilities.

TRM 401 - Introduction to Therapeutic Recreation

Course Information

Teaching Area (new)
TRM

Course Number
401

Teaching Area
TRM

Course Title
Introduction to Therapeutic Recreation

Course Description
Introduction to therapeutic recreation definitions, philosophies, practice models, history, processes, professional organizations, healthcare; and therapeutic recreation delivery systems, medical terminology, credentialing requirements, disability/diagnostic groups, and settings.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Other Prerequisites
For Therapeutic Recreation and Management majors only

Learning Outcomes

Title
Topics in TR

Tags
175435, 1

Learning Outcome
Define and explain TR, TR practice models, TR history, healthcare and TR delivery systems, credentialing requirements, and the TR process.

Title
Skills and Abilities

Tags
175436, 2

Learning Outcome
Use skills and abilities needed to practice TR and develop therapeutic relationships.

Title
Populations Served by TR

Tags
175437, 3

Learning Outcome
Demonstrate basic knowledge of characteristics of populations served by TR professionals including:

specific illnesses, disabilities, and diagnostic groups
social attitudes towards illness & disability
effects on quality of life a leisure functioning
legislation
related TR services & benefits
related terminology

TRM 410 - Assessment and the Therapeutic Recreation Process

Course Information

Teaching Area (new)
TRM

Course Number
410

Teaching Area
TRM

Course Title
Assessment and the Therapeutic Recreation Process

Course Description
Gaining knowledge and ability in client assessment, theory-based and evidence-based treatment/program planning, and program/outcome evaluation.

Department
Experience Design and Management

When Taught
Winter

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRM 400 - Inclusion and Disabilities in Therapeutic Recreation **AND** TRM 401 - Introduction to Therapeutic Recreation

Other Prerequisites
For Therapeutic Recreation and Management majors only.

Learning Outcomes

Title
Processes and Techniques

Tags
175438, 1

Learning Outcome
Demonstrate a basic understanding of key TR processes and techniques.

Title
Assessment, Treatment Plans and Evaluation

Tags
175439, 2

Learning Outcome
Demonstrate the ability to assess, plan, implement, document, and evaluate therapeutic recreation services that facilitate targeted outcomes, and that embrace personal and cultural dimensions of diversity.

TRM 420 - Programming and Interventions in Therapeutic Recreation

Course Information

Teaching Area (new)
TRM

Course Number
420

Teaching Area
TRM

Course Title
Programming and Interventions in Therapeutic Recreation

Course Description
Hands-on and traditional educational experiences designed to facilitate the acquisition of skills in planning and implementing therapeutic recreation interventions and programs for a variety of clientele, including the appropriate use of intervention strategies and facilitation techniques.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
2

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRM 410 - Assessment and the Therapeutic Recreation Process

Learning Outcomes

Title
Models of service delivery and best practices

Tags
175440, 1

Learning Outcome
Demonstrate entry-level knowledge of the scope and practice of therapeutic recreation models of service delivery and best practices in the profession.

Title
Techniques and processes

Tags
175441, 2

Learning Outcome
Demonstrate entry-level knowledge of the techniques and processes of the therapeutic recreation profession in decision-making through the use of best professional practices based on theoretical, philosophical, and scientific foundations of the field

Title
Planning of services

Tags
175442, 3

Learning Outcome
Demonstrate the ability to conduct individualized planning of therapeutic recreation services clearly reflecting application of knowledge from relevant facets of contemporary professional therapeutic recreation practice, science, and philosophy and use culturally relevant evidence-based interventions, strategies, facilitation techniques, modalities, activities, and adaptations.

Title
Interventions and services for diverse clientele

Tags
175443, 4

Learning Outcome
Demonstrate the ability to implement and facilitate therapeutic recreation interventions and services for diverse clientele, settings, cultures, and contexts including:

Individual and group leadership skills
Helping relationship skills
A variety of common therapeutic recreation interventions, facilitation techniques, activities, and modalities
Activity/task analysis, adaptation, and assistive technologies
Team and family participation
Advocacy
Contextualization to the service delivery system (e.g., health care, human services, recreation, education)

TRM 421 - Issues in Administration of Therapeutic Recreation

Course Information

Teaching Area (new)
TRM

Course Number
421

Teaching Area
TRM

Course Title
Issues in Administration of Therapeutic Recreation

Course Description
Hands-on and traditional educational experiences designed to facilitate the acquisition of skills in personnel/clinical supervision, standards of practice, ethical behavior, program evaluation, quality management and accreditation, financing, organization and service administration, written plan of operations, documentation, safety policies, and credentialing in therapeutic recreation.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRM 410 - Assessment and the Therapeutic Recreation Process

Learning Outcomes

Title
Healthcare or community based setting

Tags
175444, 1

Learning Outcome
Demonstrate entry-level knowledge related to developing and managing a complete Therapeutic Recreation program/department in a healthcare or community based setting.

Title
Philosophy, mission statement etc.. for services.

Tags
175445, 2

Learning Outcome
Demonstrate ability to develop & present a TR dept. philosophy, mission statement etc.. upon which to base all TR services.

Title
Processes

Tags
175446, 3

Learning Outcome
Develop and structure all assessment, treatment planning, programming (including protocols), documentation, quality management/accreditation, and staff/personnel management processes.

Title
Standards of practice

Tags
175447, 4

Learning Outcome
Ability to apply current standards of practice, codes of ethics/ethical behavior, and develop and defend a Written Plan of Operations to an external accrediting body.

TRM 422 - Leadership and Facilitation Techniques in Therapeutic Recreation

Course Information

Teaching Area (new)
TRM

Course Number
422

Teaching Area
TRM

Course Title
Leadership and Facilitation Techniques in Therapeutic Recreation

Course Description
Experiential and traditional educational experiences designed to facilitate acquisition of theoretical and practical knowledge and abilities in the therapeutic use of recreation and experiential interventions from both a client and therapist perspective. Focuses include leadership/facilitation skills, group dynamics and development, sequencing, processing skills, activity adaptation, etc.

Department
Experience Design and Management

When Taught
Fall

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRM 410 - Assessment and the Therapeutic Recreation Process

Learning Outcomes

Title
Applying different leadership styles

Tags
175231, 2

Learning Outcome
Use different leadership styles and facilitation techniques based on population and situational characteristics.

Title
Designing TR and experiential activities

Tags
175232, 3

Learning Outcome
Plan and facilitate therapeutic recreation and experiential activities considering different group dynamics (stages of group development) and sequencing needs.

Title
Applying therapeutic processing skills

Tags
175233, 4

Learning Outcome
Effectively use a variety of therapeutic processing skills.

Title
Students will demonstrate theoretical knowledge and practical ability to:

Tags
175465, 1

Learning Outcome
a- Use different leadership styles and faciliataion techniques based on population and situational characteristics.
b- Plan and facillitate therapeutic recreation and experiential activites considering different group dynamics (stages of group development) and sequencing needs.
c- Effectively adapt activities and use adaptive equipment for different populations and abilities.
d- Effectivelly use a variety of therapeutic processing skills.

TRM 490R - Topics in Therapeutic Recreation and Management

Course Information

Teaching Area (new)
TRM

Course Number
490R

Teaching Area
TRM

Course Title
Topics in Therapeutic Recreation and Management

Course Description
Special topics, mentored research, and learning experiences, including attending professional conferences, Study Abroad participation, and other learning experiences.

Department
Experience Design and Management

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
4

Lab Hours

Fixed:
0

Other Prerequisites
Instructor's consent.

TRM 496R - Senior Internship

Course Information

Teaching Area (new)
TRM

Course Number
496R

Teaching Area
TRM

Course Title
Senior Internship

Course Description
Work experience in a therapeutic recreation agency under the supervision of a certified therapeutic recreation specialist. Applying academic skills and knowledge to solve problems and stimulate innovation.

Department
Experience Design and Management

When Taught
Fall and Winter

Credit Hours

Min:
0.5

Fixed/Max:
12

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRM 420 - Programming and Interventions in Therapeutic Recreation
  AND TRM 421 - Issues in Administration of Therapeutic Recreation

Other Prerequisites
For Therapeutic Recreation and Management majors only.

Note
An APPROVED Internship Application is required before adding.

TRUKS 100 - Language Study: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
100

Teaching Area
TRUKS

Course Title
Language Study: Trukese

Course Description
Survival-level conversation, reading, listening, and culture skills in Trukese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196585, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196586, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196589, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TRUKS 101 - First-Year Language Study: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
101

Teaching Area
TRUKS

Course Title
First-Year Language Study: Trukese

Course Description
Beginning speaking, listening, reading, and writing skills in Trukese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196574, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196575, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196577, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196580, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TRUKS 102 - First-Year Language Study: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
102

Teaching Area
TRUKS

Course Title
First-Year Language Study: Trukese

Course Description
Second-semester speaking, listening, reading, and writing skills in Trukese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 101 - First-Year Language Study: Trukese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196564, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196565, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196569, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196572, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TRUKS 201 - Second-Year Language Study: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
201

Teaching Area
TRUKS

Course Title
Second-Year Language Study: Trukese

Course Description
Intermediate speaking, listening, reading, and writing skills in Trukese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 102 - First-Year Language Study: Trukese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196549, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196552, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196554, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196556, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TRUKS 202 - Second-Year Language Study: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
202

Teaching Area
TRUKS

Course Title
Second-Year Language Study: Trukese

Course Description
Continued emphasis on Trukese communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 201 - Second-Year Language Study: Trukese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196538, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196540, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196542, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196544, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TRUKS 305 - Language Skills Development: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
305

Teaching Area
TRUKS

Course Title
Language Skills Development: Trukese

Course Description
Increasing proficiency in one or more of the following Trukese language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196530, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196533, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196534, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TRUKS 321 - Advanced Grammar: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
321

Teaching Area
TRUKS

Course Title
Advanced Grammar: Trukese

Course Description
Systematic review of grammar and syntax of Trukese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 202 - Second-Year Language Study: Trukese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
196521, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196523, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196527, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
330

Teaching Area
TRUKS

Course Title
Advanced Language Proficiency Through Cultural Studies: Trukese

Course Description
Study of Trukese culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Truks 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196510, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196513, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196515, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196518, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TRUKS 340 - Introduction to Literature: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
340

Teaching Area
TRUKS

Course Title
Introduction to Literature: Trukese

Course Description
Advanced study of Trukese literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
196501, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196502, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196504, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196506, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TRUKS 350 - Advanced Language Study for Career Purposes: Trukese

Course Information

Teaching Area (new)
TRUKS

Course Number
350

Teaching Area
TRUKS

Course Title
Advanced Language Study for Career Purposes: Trukese

Course Description
Concentration on Trukese language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TRUKS 330 - Advanced Language Proficiency Through Cultural Studies: Trukese

Learning Outcomes

Title
Defined Career Purposes

Tags
196493, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
196496, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
196498, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196499, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196500, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TURK 100 - Language Study: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
100

Teaching Area
TURK

Course Title
Language Study: Turkish

Course Description
Survival-level conversation, reading, listening, and culture skills in Turkish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
196460, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
196461, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
196464, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TURK 101 - First-Year Language Study: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
101

Teaching Area
TURK

Course Title
First-Year Language Study: Turkish

Course Description
Beginning speaking, listening, reading, and writing skills in Turkish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
196467, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196468, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196471, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196472, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TURK 102 - First-Year Language Study: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
102

Teaching Area
TURK

Course Title
First-Year Language Study: Turkish

Course Description
Second-semester speaking, listening, reading, and writing skills in Turkish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TURK 101 - First-Year Language Study: Turkish

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
196476, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
196478, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
196481, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
196484, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TURK 201 - Second-Year Language Study: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
201

Teaching Area
TURK

Course Title
Second-Year Language Study: Turkish

Course Description
Intermediate speaking, listening, reading, and writing skills in Turkish.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Fulfill ANY of the following requirements:

Prerequisites

Complete ALL of the following Courses:

- TURK 102 - First-Year Language Study: Turkish

OR

Prerequisites

Complete ALL of the following Courses:

- FLANG 102R - First-Year Language Study

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
196069, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
196071, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
196073, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
196075, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TURK 202 - Second-Year Language Study: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
202

Teaching Area
TURK

Course Title
Second-Year Language Study: Turkish

Course Description
Continued emphasis on Turkish communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TURK 201 - Second-Year Language Study: Turkish

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
196060, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
196061, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196063, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
196065, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TURK 305 - Language Skills Development: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
305

Teaching Area
TURK

Course Title
Language Skills Development: Turkish

Course Description
Increasing proficiency in one or more of the following Turkish language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
196055, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
196056, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
196057, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TURK 321 - Advanced Grammar: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
321

Teaching Area
TURK

Course Title
Advanced Grammar: Turkish

Course Description
Advance your Turkish through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
196048, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
196050, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
196052, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
330

Teaching Area
TURK

Course Title
Advanced Language Proficiency Through Cultural Studies: Turkish

Course Description
Study of Turkish culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Turk 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
196024, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
196026, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
196031, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
196035, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TURK 340 - Introduction to Literature: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
340

Teaching Area
TURK

Course Title
Introduction to Literature: Turkish

Course Description
Explore Turkish culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
196002, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
196003, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
196007, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
196009, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TURK 350 - Advanced Language Study for Career Purposes: Turkish

Course Information

Teaching Area (new)
TURK

Course Number
350

Teaching Area
TURK

Course Title
Advanced Language Study for Career Purposes: Turkish

Course Description
Concentration on Turkish language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TURK 330 - Advanced Language Proficiency Through Cultural Studies: Turkish

Learning Outcomes

Title
Defined Career Purposes

Tags
195997, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195998, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195999, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
196000, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
196001, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

TWI 100 - Language Study: Twi

Course Information

Teaching Area (new)
TWI

Course Number
100

Teaching Area
TWI

Course Title
Language Study: Twi

Course Description
Survival-level conversation, reading, listening, and culture skills in Twi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195994, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195995, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195996, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

TWI 101 - First-Year Language Study: Twi

Course Information

Teaching Area (new)
TWI

Course Number
101

Teaching Area
TWI

Course Title
First-Year Language Study: Twi

Course Description
Beginning speaking, listening, reading, and writing skills in Twi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195988, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195990, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195992, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195993, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TWI 102 - First-Year Language Study: Twi

Course Information

Teaching Area (new)
TWI

Course Number
102

Teaching Area
TWI

Course Title
First-Year Language Study: Twi

Course Description
Second-semester speaking, listening, reading, and writing skills in Twi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TWI 101 - First-Year Language Study: Twi

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195982, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195983, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195985, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195986, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

TWI 201 - Second-Year Language Study: Twi

Course Information

Teaching Area (new)
TWI

Course Number
201

Teaching Area
TWI

Course Title
Second-Year Language Study: Twi

Course Description
Intermediate speaking, listening, reading, and writing skills in Twi.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TWI 102 - First-Year Language Study: Twi

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195974, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195976, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195978, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195980, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

TWI 202 - Second-Year Language Study: Twi

Course Information

Teaching Area (new)
TWI

Course Number
202

Teaching Area
TWI

Course Title
Second-Year Language Study: Twi

Course Description
Continued emphasis on Twi communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TWI 201 - Second-Year Language Study: Twi

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195966, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195969, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195970, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195972, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TWI 305 - Language Skills Development: Twi

Course Information

Teaching Area (new)
TWI

Course Number
305

Teaching Area
TWI

Course Title
Language Skills Development: Twi

Course Description
Increasing proficiency in one or more of the following Twi language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195957, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195959, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195961, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

TWI 321 - Advanced Grammar: Twi

Course Information

Teaching Area (new)
TWI

Course Number
321

Teaching Area
TWI

Course Title
Advanced Grammar: Twi

Course Description
Advance your Twi through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TWI 202 - Second-Year Language Study: Twi

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195950, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195951, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195953, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi

Course Information

Teaching Area (new)
TWI

Course Number
330

Teaching Area
TWI

Course Title
Advanced Language Proficiency Through Cultural Studies: Twi

Course Description
Study of Twi culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Twi 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195942, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195943, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195945, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195948, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

TWI 340 - Introduction to Literature: Twi

Course Information

Teaching Area (new)
TWI

Course Number
340

Teaching Area
TWI

Course Title
Introduction to Literature: Twi

Course Description
Explore Twi culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195933, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195934, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195936, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195937, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

TWI 350 - Advanced Language Study for Career Purposes: Twi

Course Information

Teaching Area (new)
TWI

Course Number
350

Teaching Area
TWI

Course Title
Advanced Language Study for Career Purposes: Twi

Course Description
Concentration on Twi language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- TWI 330 - Advanced Language Proficiency Through Cultural Studies: Twi

Learning Outcomes

Title
Defined Career Purposes

Tags
195924, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195925, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195927, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195928, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195929, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

UKRAI 100 - Language Study: Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
100

Teaching Area
UKRAI

Course Title
Language Study: Ukrainian

Course Description
Survival-level conversation, reading, listening, and culture skills in Ukrainian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195917, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195919, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195920, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

UKRAI 101 - First-Year Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
101

Teaching Area
UKRAI

Course Title
First-Year Ukrainian

Course Description
Beginning speaking, listening, reading, and writing skills in Ukrainian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
193260, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
193261, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
193277, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193285, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

UKRAI 102 - First-Year Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
102

Teaching Area
UKRAI

Course Title
First-Year Ukrainian

Course Description
Second-semester speaking, listening, reading, and writing skills in Ukrainian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- UKRAI 101 - First-Year Ukrainian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Speaking

Tags
193294, 1

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193303, 2

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Writing

Tags
193311, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
193312, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

UKRAI 201 - Second-Year Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
201

Teaching Area
UKRAI

Course Title
Second-Year Ukrainian

Course Description
Intermediate speaking, listening, reading, and writing skills in Ukrainian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- UKRAI 102 - First-Year Ukrainian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Vocabulary

Tags
193328, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193337, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Grammar

Tags
193346, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
193354, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

UKRAI 211R - Second-Year Conversation

Course Information

Teaching Area (new)
UKRAI

Course Number
211R

Teaching Area
UKRAI

Course Title
Second-Year Conversation

Course Description
Intermediate listening comprehension and speaking skills in Ukrainian.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
0.5

Fixed/Max:
5

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- UKRAI 201 - Second-Year Ukrainian

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Conversations

Tags
193365, 1

Learning Outcome
Speak comfortably about predictable, familiar topics related to daily activities; this includes the ability to Initiate, maintain, and close simple conversations and to ask and respond to simple questions.

Title
Survival Transactions

Tags
193374, 2

Learning Outcome
Carry out "survival" transactions (shopping, getting directions, ordering meals, etc.)

Title
Pronunciation and Accuracy

Tags
194901, 3

Learning Outcome
Be understood by native speakers accustomed to dealing with non-native speakers.

UKRAI 305 - Language Skills Development: Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
305

Teaching Area
UKRAI

Course Title
Language Skills Development: Ukrainian

Course Description
Increasing proficiency in one or more of the following Ukrainian language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195907, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195908, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195909, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

UKRAI 321 - Advanced Grammar: Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
321

Teaching Area
UKRAI

Course Title
Advanced Grammar: Ukrainian

Course Description
Advance your Ukrainian through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195904, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195905, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195906, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

UKRAI 330 - Cultural History of Ukraine

Course Information

Teaching Area (new)
UKRAI

Course Number
330

Teaching Area
UKRAI

Course Title
Cultural History of Ukraine

Course Description
Study of Ukrainian culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
1

Other Prerequisites
Ukrai 201 or foreign residence experience

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
General Education Requirements

Tags
192045, 7

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

Title
Communication Skills

Tags
193193, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well educated members of the target-culture about real-world activities.

Title
Cultural Knowledge

Tags
193213, 4

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
Comprehension

Tags
193232, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

UKRAI 340 - Introduction to Literature: Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
340

Teaching Area
UKRAI

Course Title
Introduction to Literature: Ukrainian

Course Description
Explore Ukrainian culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195892, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195893, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195894, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195895, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

UKRAI 350 - Advanced Language Study for Career Purposes: Ukrainian

Course Information

Teaching Area (new)
UKRAI

Course Number
350

Teaching Area
UKRAI

Course Title
Advanced Language Study for Career Purposes: Ukrainian

Course Description
Concentration on Ukrainian language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- UKRAI 330 - Cultural History of Ukraine

Learning Outcomes

Title
Defined Career Purposes

Tags
195887, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195888, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195889, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195890, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195891, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

UNIV 101 - BYU Foundations for Student Success

Course Information

Teaching Area (new)
UNIV

Course Number
101

Teaching Area
UNIV

Course Title
BYU Foundations for Student Success

Course Description
UNIV 101 focuses on the mission and aims of a BYU education, the balanced development of the total person, the purposes of a university education, preparing for a life of service, and making the transition to life as a BYU student. Topics include but are not limited to: becoming a Christ-centered disciple-scholar, service, managing expectations, relationships with faculty, healthy mindsets, belonging, working with diverse ideas and opinions, and planning next steps.

Department
Undergraduate Education

When Taught
Fall and Winter

Credit Hours

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
BYU Mission & Aims

Tags
214793, 0, 1

Learning Outcome

Recognize and value the unique community, purpose, and Mission and Aims of BYU and connect the BYU experience to their own educational and spiritual goals.

Title
Campus Resources

Tags
214796, 0, 2

Learning Outcome

Identify and feel confident in accessing campus resources that provide support for academic success and personal resiliency in addition to physical, social, and financial well-being.

Title
Disciple-Scholarship

Tags
214797, 0, 3

Learning Outcome

Develop the character essential to lifelong disciple-scholarship using gospel-centered learning, intellectual humility, and respectful engagement with others.

Title
Belonging

Tags
214798, 0, 4

Learning Outcome

Be able to articulate the value of both contributing and belonging to the BYU community by embracing the Honor Code, the Dress and Grooming Principles & Expectations, the Statement on Belonging, and current prophetic guidance; participating in activities and events; and serving others.

UNIV 210R - Topics in Global and Cultural Awareness

Course Information

Teaching Area (new)
UNIV

Course Number
210R

Teaching Area
UNIV

Course Title
Topics in Global and Cultural Awareness

Course Description
Survey or introductory approach to issues of global and cultural awareness.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Global and Cultural Awareness requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212481, 0, 1

Learning Outcome
By the end of this course, students will be able to
Demonstrate understanding of the complexity of elements important to members of another culture in relation to its history, values, politics, communication styles, economy, or beliefs and practices.
Ask complex questions about other cultures, seek out and articulate answers to these questions that reflect multiple cultural perspectives.
Recognize and integrate other ways of knowing, including approaches rooted in the gospel of Jesus Christ, and demonstrate ability to act in a supportive manner that recognizes the feelings of another cultural group.
Communicate and interact effectively and appropriately in intercultural situations.

UNIV 213R - Topics in Quantitative Reasoning

Course Information

Teaching Area (new)
UNIV

Course Number
213R

Teaching Area
UNIV

Course Title
Topics in Quantitative Reasoning

Course Description
Introduction to principles of mathematics, statistics, quantitative reasoning, finance and/or accounting.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Quantitative Reasoning requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212487, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply concepts of sampling and data collection to reach accurate conclusions.
Critically evaluate quantitative argument and underlying assumptions.
Recognize and integrate other ways of knowing, including approaches rooted in the gospel of Jesus Christ, and demonstrate ability to act in a supportive manner that recognizes the feelings of another cultural group.
Communicate conclusions in oral, visual, or written format using judicious interpretation of evidence.

UNIV 214R - Topics in the Arts

Course Information

Teaching Area (new)
UNIV

Course Number
214R

Teaching Area
UNIV

Course Title
Topics in the Arts

Course Description
Survey or introductory approach to issues in the arts. Topics may include but are not limited to music, dance, fine art, design, film, interdisciplinary humanities, or area studies.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Arts requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212482, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply relevant knowledge and methods from the arts, the humanities, and other creative fields to explore a question, theme, or topic.
Frame questions, locate and evaluate evidence, and develop critically nuanced work that accounts for opposing views, relevant historical or cultural contexts, and personal and cultural biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

UNIV 215R - Topics in Literature

Course Information

Teaching Area (new)
UNIV

Course Number
215R

Teaching Area
UNIV

Course Title
Topics in Literature

Course Description
Survey or introductory approach to issues in literature.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Letters requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212483, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply relevant knowledge and methods from the study of literature to explore a question, theme or topic.
Frame questions, locate and evaluate evidence, and develop critically nuanced work that accounts for opposing views, relevant historical or cultural contexts, and personal and cultural biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme or topic.
Communicate conclusions in oral, visual or written format using relevant vocabulary and judicious interpretation of evidence.

UNIV 216R - Topics in Biological Sciences

Course Information

Teaching Area (new)
UNIV

Course Number
216R

Teaching Area
UNIV

Course Title
Topics in Biological Sciences

Course Description
Survey or introduction to principles of biological sciences; topics may include but are not limited to human, environmental, micro or molecular biology, health and disease, nutrition, genetics, etc.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Biological Science requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212484, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply methods and tools from the biological sciences to explore a question, theme, or topic.
Evaluate evidence, data, and opinions through analysis and scrutiny of methodologies, experimental results, personal, disciplinary, and societal biases, and stakeholder priorities.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

UNIV 217R - Topics in Physical Science

Course Information

Teaching Area (new)
UNIV

Course Number
217R

Teaching Area
UNIV

Course Title
Topics in Physical Science

Course Description
Survey or introduction to principles of physical sciences; topics may include but are not limited to chemistry, physics, geology, etc.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
The course will fill the GE Physical Science requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212485, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply methods and tools from the physical sciences to explore a question, theme or topic.
Evaluate evidence, data, and opinions through analysis and scrutiny of methodologies, experimental results, personal, disciplinary, and societal biases, and stakeholder priorities.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

UNIV 218R - Topics in Social Science

Course Information

Teaching Area (new)
UNIV

Course Number
218R

Teaching Area
UNIV

Course Title
Topics in Social Science

Course Description
Survey or introductory approach to issues in the social sciences; topics may include but are not limited to anthropology, archaeology, economics, government, history, psychology, sociology, social work, etc.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
This course will fill the GE Social Science requirement.

Learning Outcomes

Title
Learning Outcomes

Tags
212486, 0, 1

Learning Outcome
By the end of this course, students will be able to
Apply relevant historical knowledge and social science disciplinary methods to explore a question, theme, or topic.
Frame questions, locate and evaluate evidence, and develop arguments that account for relevant historical and societal contexts, opposing views, and personal and disciplinary biases.
Recognize and integrate different ways of knowing, including approaches rooted in the gospel of Jesus Christ, as they analyze a question, theme, or topic.
Communicate conclusions in oral, visual, or written format using relevant vocabulary and judicious interpretation of evidence.

UNIV 295R - Special Topics

Course Information

Teaching Area (new)
UNIV

Course Number
295R

Teaching Area
UNIV

Course Title
Special Topics

Course Description
Survey or introductory course on various approved topics with appeal or application to a broad undergraduate audience. May include one-time offerings, study abroad related courses, or other university-wide topics.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

UNIV 310R - Studies in Global and Cultural Awareness

Course Information

Teaching Area (new)
UNIV

Course Number
310R

Teaching Area
UNIV

Course Title
Studies in Global and Cultural Awareness

Course Description
Intensive examination of issues from a global or cultural perspective. Presumes some level of foundational content knowledge of familiarity with this approach.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

UNIV 314R - Studies in the Arts

Course Information

Teaching Area (new)
UNIV

Course Number
314R

Teaching Area
UNIV

Course Title
Studies in the Arts

Course Description
Intensive examination of issues in the arts. Topics may include but are not limited to music, dance, fine art, design, film, interdisciplinary humanities, or area studies. Presumes foundational or content knowledge, familiarity with principles of analysis, theory, vocabulary, etc.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

UNIV 315R - Studies in Literature

Course Information

Teaching Area (new)
UNIV

Course Number
315R

Teaching Area
UNIV

Course Title
Studies in Literature

Course Description
Intensive examination of topics in literature. Presumes foundational knowledge in literary theory, criticism, and analysis.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

UNIV 316R - Studies in Biological Sciences

Course Information

Teaching Area (new)
UNIV

Course Number
316R

Teaching Area
UNIV

Course Title
Studies in Biological Sciences

Course Description
Intermediate level study of principles of biological sciences requiring some foundational content knowledge; topics may include but are not limited to human, environmental, micro or molecular biology, health and disease, nutrition, genetics, etc.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

UNIV 317R - Studies in Physical Science

Course Information

Teaching Area (new)
UNIV

Course Number
317R

Teaching Area
UNIV

Course Title
Studies in Physical Science

Course Description
Intensive examination of issues and topics in physical sciences requiring some foundation content knowledge; topics may include but are not limited to chemistry, physics, geology, etc.

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

UNIV 318R - Studies in Social Science

Course Information

Teaching Area (new)
UNIV

Course Number
318R

Teaching Area
UNIV

Course Title
Studies in Social Science

Course Description
Intensive examination of issues in the social sciences requiring familiarity with social science methods and vocabulary; topics may include but are not limited to anthropology, archaeology, economics, government, history, psychology, sociology, social work, etc.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

UNIV 395R - Special Topics

Course Information

Teaching Area (new)
UNIV

Course Number
395R

Teaching Area
UNIV

Course Title
Special Topics

Course Description
Upper-level course on various approved topics with appeal or application to a broad undergraduate audience. May include one-time offerings, study abroad related courses, or other university-wide topics.

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
3

URDU 100 - Language Study: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
100

Teaching Area
URDU

Course Title
Language Study: Urdu

Course Description
Survival-level conversation, reading, listening, and culture skills in Urdu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195884, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195885, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195886, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

URDU 101 - First-Year Language Study: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
101

Teaching Area
URDU

Course Title
First-Year Language Study: Urdu

Course Description
Beginning speaking, listening, reading, and writing skills in Urdu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195880, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195881, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195882, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195883, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

URDU 102 - First-Year Language Study: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
102

Teaching Area
URDU

Course Title
First-Year Language Study: Urdu

Course Description
Second-semester speaking, listening, reading, and writing skills in Urdu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 101 - First-Year Language Study: Urdu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195876, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195877, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195878, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195879, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

URDU 201 - Second-Year Language Study: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
201

Teaching Area
URDU

Course Title
Second-Year Language Study: Urdu

Course Description
Intermediate speaking, listening, reading, and writing skills in Urdu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 102 - First-Year Language Study: Urdu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195872, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195873, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195874, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195875, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

URDU 202 - Second-Year Language Study: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
202

Teaching Area
URDU

Course Title
Second-Year Language Study: Urdu

Course Description
Continued emphasis on Urdu communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 201 - Second-Year Language Study: Urdu

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195868, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195869, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195870, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195871, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

URDU 305 - Language Skills Development: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
305

Teaching Area
URDU

Course Title
Language Skills Development: Urdu

Course Description
Increasing proficiency in one or more of the following Urdu language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195865, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195866, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195867, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

URDU 321 - Advanced Grammar: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
321

Teaching Area
URDU

Course Title
Advanced Grammar: Urdu

Course Description
Systematic review of grammar and syntax of Urdu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 202 - Second-Year Language Study: Urdu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195862, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195863, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195864, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
330

Teaching Area
URDU

Course Title
Advanced Language Proficiency Through Cultural Studies: Urdu

Course Description
Study of Urdu culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Urdu 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195858, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195859, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195860, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195861, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

URDU 340 - Introduction to Literature: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
340

Teaching Area
URDU

Course Title
Introduction to Literature: Urdu

Course Description
Advanced study of Urdu literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
195854, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195855, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195856, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195857, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

URDU 350 - Advanced Language Study for Career Purposes: Urdu

Course Information

Teaching Area (new)
URDU

Course Number
350

Teaching Area
URDU

Course Title
Advanced Language Study for Career Purposes: Urdu

Course Description
Concentration on Urdu language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- URDU 330 - Advanced Language Proficiency Through Cultural Studies: Urdu

Learning Outcomes

Title
Defined Career Purposes

Tags
195849, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195850, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195851, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195852, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195853, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

VANTU 100 - Language Study: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
100

Teaching Area
VANTU

Course Title
Language Study: Vanuatu

Course Description
Survival-level conversation, reading, listening, and culture skills in Vanuatu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195846, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195847, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195848, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

VANTU 101 - First-Year Language Study: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
101

Teaching Area
VANTU

Course Title
First-Year Language Study: Vanuatu

Course Description
Beginning speaking, listening, reading, and writing skills in Vanuatu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195842, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195843, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195844, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195845, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

VANTU 102 - First-Year Language Study: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
102

Teaching Area
VANTU

Course Title
First-Year Language Study: Vanuatu

Course Description
Second-semester speaking, listening, reading, and writing skills in Vanuatu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 101 - First-Year Language Study: Vanuatu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195804, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195805, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195806, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195807, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

VANTU 201 - Second-Year Language Study: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
201

Teaching Area
VANTU

Course Title
Second-Year Language Study: Vanuatu

Course Description
Intermediate speaking, listening, reading, and writing skills in Vanuatu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 102 - First-Year Language Study: Vanuatu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195838, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195839, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195840, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195841, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

VANTU 202 - Second-Year Language Study: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
202

Teaching Area
VANTU

Course Title
Second-Year Language Study: Vanuatu

Course Description
Continued emphasis on Vanuatu communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 201 - Second-Year Language Study: Vanuatu

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195834, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195835, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195836, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195837, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

VANTU 305 - Language Skills Development: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
305

Teaching Area
VANTU

Course Title
Language Skills Development: Vanuatu

Course Description
Increasing proficiency in one or more of the following Vanuatu language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195831, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195832, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195833, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

VANTU 321 - Advanced Grammar: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
321

Teaching Area
VANTU

Course Title
Advanced Grammar: Vanuatu

Course Description
Systematic review of grammar and syntax of Vanuatu.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 202 - Second-Year Language Study: Vanuatu

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195828, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195829, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195830, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
330

Teaching Area
VANTU

Course Title
Advanced Language Proficiency Through Cultural Studies: Vanuatu

Course Description
Study of Vanuatu culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Vantu 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195824, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195825, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195826, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195827, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

VANTU 340 - Introduction to Literature: Vanuatu

Course Information

Teaching Area (new)
VANTU

Course Number
340

Teaching Area
VANTU

Course Title
Introduction to Literature: Vanuatu

Course Description
Advanced study of Vanuatu literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

Learning Outcomes

Title
Recognize and Analyze

Tags
195820, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195821, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195822, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195823, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

VANTU 350 - Advanced Language Study for Career Purposes: Vanuatau

Course Information

Teaching Area (new)
VANTU

Course Number
350

Teaching Area
VANTU

Course Title
Advanced Language Study for Career Purposes: Vanuatau

Course Description
Concentration on Vanuatu language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VANTU 330 - Advanced Language Proficiency Through Cultural Studies: Vanuatu

Learning Outcomes

Title
Defined Career Purposes

Tags
195815, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195816, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195817, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195818, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195819, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

VIET 100 - Language Study: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
100

Teaching Area
VIET

Course Title
Language Study: Vietnamese

Course Description
Survival-level conversation, reading, listening, and culture skills in Vietnamese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195812, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195813, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195814, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

VIET 101 - First-Year Language Study: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
101

Teaching Area
VIET

Course Title
First-Year Language Study: Vietnamese

Course Description
Beginning speaking, listening, reading, and writing skills in Vietnamese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195808, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195809, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195810, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195811, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

VIET 102 - First-Year Language Study: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
102

Teaching Area
VIET

Course Title
First-Year Language Study: Vietnamese

Course Description
Second-semester speaking, listening, reading, and writing skills in Vietnamese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VIET 101 - First-Year Language Study: Vietnamese

Note
Teacher may waive prerequisite based on prior experience.

VIET 201 - Second-Year Language Study: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
201

Teaching Area
VIET

Course Title
Second-Year Language Study: Vietnamese

Course Description
Intermediate speaking, listening, reading, and writing skills in Vietnamese.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VIET 102 - First-Year Language Study: Vietnamese

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195800, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195801, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195802, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195803, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

VIET 202 - Second-Year Language Study: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
202

Teaching Area
VIET

Course Title
Second-Year Language Study: Vietnamese

Course Description
Continued emphasis on Vietnamese communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VIET 201 - Second-Year Language Study: Vietnamese

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195796, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195797, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195798, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195799, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

VIET 305 - Language Skills Development: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
305

Teaching Area
VIET

Course Title
Language Skills Development: Vietnamese

Course Description
Increasing proficiency in one or more of the following Vietnamese language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195793, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195794, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195795, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

VIET 321 - Advanced Grammar: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
321

Teaching Area
VIET

Course Title
Advanced Grammar: Vietnamese

Course Description
Advance your Vietnamese through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy. Fulfills the language component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Analyze

Tags
195790, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195791, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195792, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
330

Teaching Area
VIET

Course Title
Advanced Language Proficiency Through Cultural Studies: Vietnamese

Course Description
Study of Vietnamese culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Viet 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195786, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195787, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195788, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195789, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

VIET 340 - Introduction to Literature: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
340

Teaching Area
VIET

Course Title
Introduction to Literature: Vietnamese

Course Description
Explore Vietnamese culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works. Fulfills the literature component of the Language Certificate.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195782, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195783, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195784, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195785, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

VIET 350 - Advanced Language Study for Career Purposes: Vietnamese

Course Information

Teaching Area (new)
VIET

Course Number
350

Teaching Area
VIET

Course Title
Advanced Language Study for Career Purposes: Vietnamese

Course Description
Concentration on Vietnamese language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- VIET 330 - Advanced Language Proficiency Through Cultural Studies: Vietnamese

Learning Outcomes

Title
Defined Career Purposes

Tags
195777, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195778, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195779, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195780, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195781, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

WARAY 100 - Language Study: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
100

Teaching Area
WARAY

Course Title
Language Study: Waray-Waray

Course Description
Survival-level conversation, reading, listening, and culture skills in Waray-Waray.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195774, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195775, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195776, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

WARAY 101 - First-Year Language Study: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
101

Teaching Area
WARAY

Course Title
First-Year Language Study: Waray-Waray

Course Description
Beginning speaking, listening, reading, and writing skills in Waray-Waray.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195770, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195771, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195772, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195773, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

WARAY 102 - First-Year Language Study: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
102

Teaching Area
WARAY

Course Title
First-Year Language Study: Waray-Waray

Course Description
Second-semester speaking, listening, reading, and writing skills in Waray-Waray.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 101 - First-Year Language Study: Waray-Waray

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195766, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195767, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195768, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195769, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

WARAY 201 - Second-Year Language Study: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
201

Teaching Area
WARAY

Course Title
Second-Year Language Study: Waray-Waray

Course Description
Intermediate speaking, listening, reading, and writing skills in Waray-Waray.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 102 - First-Year Language Study: Waray-Waray

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195762, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195763, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195764, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195765, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

WARAY 202 - Second-Year Language Study: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
202

Teaching Area
WARAY

Course Title
Second-Year Language Study: Waray-Waray

Course Description
Continued emphasis on Waray-Waray communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 201 - Second-Year Language Study: Waray-Waray

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195738, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195739, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195741, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195742, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

WARAY 305 - Language Skills Development: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
305

Teaching Area
WARAY

Course Title
Language Skills Development: Waray-Waray

Course Description
Increasing proficiency in one or more of the following Waray-Waray language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195733, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195734, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195735, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

WARAY 321 - Advanced Grammar: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
321

Teaching Area
WARAY

Course Title
Advanced Grammar: Waray-Waray

Course Description
Systematic review of grammar and syntax of Waray-Waray.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 202 - Second-Year Language Study: Waray-Waray

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195725, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195726, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195730, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
330

Teaching Area
WARAY

Course Title
Advanced Language Proficiency Through Cultural Studies: Waray-Waray

Course Description
Study of Waray-Waray culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Waray 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195710, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195712, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195714, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195719, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

WARAY 340 - Introduction to Literature: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
340

Teaching Area
WARAY

Course Title
Introduction to Literature: Waray-Waray

Course Description
Advanced study of Waray-Waray literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

Learning Outcomes

Title
Recognize and Analyze

Tags
195702, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195703, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195704, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195706, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

WARAY 350 - Advanced Language Study for Career Purposes: Waray-Waray

Course Information

Teaching Area (new)
WARAY

Course Number
350

Teaching Area
WARAY

Course Title
Advanced Language Study for Career Purposes: Waray-Waray

Course Description
Concentration on Waray-Waray language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WARAY 330 - Advanced Language Proficiency Through Cultural Studies: Waray-Waray

Learning Outcomes

Title
Defined Career Purposes

Tags
195695, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195696, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195698, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195699, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195700, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

WELSH 100 - Language Study: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
100

Teaching Area
WELSH

Course Title
Language Study: Welsh

Course Description
Survival-level conversation, reading, listening, and culture skills in Welsh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195692, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195693, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195694, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

WELSH 101 - First-Year Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
101

Teaching Area
WELSH

Course Title
First-Year Welsh

Course Description
Beginning speaking, listening, reading, and writing skills in Welsh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
0

Note
Not for native or advanced speakers.

Learning Outcomes

Title
Writing

Tags
193126, 2

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Speaking

Tags
193127, 0

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193134, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Culture

Tags
193242, 3

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

WELSH 102 - First-Year Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
102

Teaching Area
WELSH

Course Title
First-Year Welsh

Course Description
Second-semester speaking, listening, reading, and writing skills in Welsh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WELSH 101 - First-Year Welsh

Note
NOTE: Not for native or advanced speakers. NOTE: Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
193212, 3

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

Title
Writing

Tags
193214, 2

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Speaking

Tags
193231, 0

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Comprehension

Tags
193239, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

WELSH 201 - Second-Year Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
201

Teaching Area
WELSH

Course Title
Second-Year Welsh

Course Description
Intermediate speaking, listening, reading, and writing skills in Welsh.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WELSH 102 - First-Year Welsh

Other Prerequisites
Welsh 101 and 102; or equivalents.

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Culture

Tags
193129, 3

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

Title
Grammar

Tags
193183, 2

Learning Outcome
Review and increase understanding of basic language structures.

Title
Vocabulary

Tags
193192, 1

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Elaboration

Tags
193201, 0

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

WELSH 202 - Second-Year Language Study: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
202

Teaching Area
WELSH

Course Title
Second-Year Language Study: Welsh

Course Description
Continued emphasis on Welsh communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WELSH 201 - Second-Year Welsh

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195681, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195682, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195684, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195687, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

WELSH 305 - Language Skills Development: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
305

Teaching Area
WELSH

Course Title
Language Skills Development: Welsh

Course Description
Increasing proficiency in one or more of the following Welsh language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195673, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195675, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195679, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

WELSH 321 - Advanced Grammar: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
321

Teaching Area
WELSH

Course Title
Advanced Grammar: Welsh

Course Description
Advance your Welsh through interactive grammar and syntax review. Engage in readings, discussions, and real-world tasks to build confidence and accuracy.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WELSH 202 - Second-Year Language Study: Welsh

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195658, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195659, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195662, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
330

Teaching Area
WELSH

Course Title
Advanced Language Proficiency Through Cultural Studies: Welsh

Course Description
Study of Welsh culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Welsh 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195647, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195649, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195652, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195654, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

WELSH 340 - Introduction to Literature: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
340

Teaching Area
WELSH

Course Title
Introduction to Literature: Welsh

Course Description
Explore Welsh culture through stories, music, and history. Develop advanced proficiency using authentic materials, including film, literature, and other creative works.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Learning Outcomes

Title
Recognize and Analyze

Tags
195635, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195638, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195640, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195642, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

WELSH 346R - Welsh Choir

Course Information

Teaching Area (new)
WELSH

Course Number
346R

Teaching Area
WELSH

Course Title
Welsh Choir

Course Description
Enhance cultural appreciation and language skills through choral singing.

Department
Language Studies

When Taught
Fall and Winter

Credit Hours

Min:
1

Fixed/Max:
1

Lecture Hours

Fixed:
1

Lab Hours

Fixed:
1

Note
Conversational proficiency in Welsh not required to join the choir.

WELSH 350 - Advanced Language Study for Career Purposes: Welsh

Course Information

Teaching Area (new)
WELSH

Course Number
350

Teaching Area
WELSH

Course Title
Advanced Language Study for Career Purposes: Welsh

Course Description
Concentration on Welsh language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- WELSH 330 - Advanced Language Proficiency Through Cultural Studies: Welsh

Learning Outcomes

Title
Defined Career Purposes

Tags
195620, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195623, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195625, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195630, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195631, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.

WRTG 150 - Writing and Rhetoric

Course Information

Teaching Area (new)
WRTG

Course Number
150

Teaching Area
WRTG

Course Title
Writing and Rhetoric

Course Description
Writing and research with a focus on inquiry, information literacy, rhetorical awareness, genre knowledge, and reflection. Emphasizes writing as a flexible process and writers as curious, open, and charitable.

Department
English

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Note
Fulfills General Education First-Year Writing requirement. Additional seats for specific sections may be available to First-Year Mentoring participants through envelopes. NOTE: Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required.

Learning Outcomes

Title
Rhetorical and Genre Knowledge

Tags
206523, 3

Learning Outcome
. Students will be able to analyze rhetorical situations, use and adapt genres, write for a specified audience and purpose, and adopt a style, tone, and level of formality suited to the purpose and audience.

Title
Processes of Writing

Tags
206544, 0

Learning Outcome
Students will be able to use productive and flexible individual and collaborative writing processes, including prewriting, drafting, revising, editing and proofreading, reflecting, and employing writing technologies like generative artificial intelligence effectively and ethically.

Title
Inquiry and Reading

Tags
206551, 4

Learning Outcome
Students will be able to engage in inquiry as an iterative process as they understand and participate in ongoing scholarly conversations, suspending judgment until larger contexts are understood. They will be able to read and use written materials in a variety of genres and from a variety of sources, including information gathered from digital sources like databases, search engines, social media, and generative artificial intelligence.

Title
Processes of Library Research and Information Literacy

Learning Outcome
In collaboration with the library, students will begin to develop the ability to critically evaluate sources; construct effective search strategies; and investigate, analyze, interpret, and synthesize information from diverse perspectives to ask questions, learn, generate new knowledge, and solve problems.

Title
Style and Knowledge of Conventions

Learning Outcome
Students will be able to use appropriate language, genre conventions, and citation practices to write effectively in different contexts.

Title
Reflection

Learning Outcome
Students will be able to practice a systematic reflective process that includes describing prior or current writing experiences; evaluating the meaning and relevance of those experiences, including the consequences of their writing choices; and thinking ahead to future writing contexts.

WRTG 311 - Writing about the Arts and Humanities

Course Information

Teaching Area (new)
WRTG

Course Number
311

Teaching Area
WRTG

Course Title
Writing about the Arts and Humanities

Course Description
Writing for both academic and mass audiences about the functions, meanings, values, and qualities of art and the humanities. Library research paper.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-year writing, junior or senior status.

Note
Carries GE Advanced Written and Oral Communication credit.

Learning Outcomes

Title
Process

Tags
191262, 0, 1, 2021-09-28 12:43:39

Learning Outcome
Employ informed and flexible processes for writing and speaking, including creating and/or finding ideas, evidence, and data to write about; planning and drafting; revising; editing; and designing or presenting a message so that it is successfully understood by a specified audience.

Title
Structure

Tags
191263, 0, 2, 2021-09-28 12:43:39

Learning Outcome
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

Title
Rhetorical Situation

Tags
191264, 0, 3, 2021-09-28 12:43:39

Learning Outcome
Use various methods of invention, organization, and style to adapt written and oral forms of communication to a specific rhetorical situation.

Title
Sources

Tags
191265, 0, 4, 2021-09-28 12:43:39

Learning Outcome
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

Title
Style

Tags
191266, 0, 5, 2021-09-28 12:43:39

Learning Outcome
Write in a correct, clear, and graceful prose style.

Title
Peer Revision

Tags
206550, 0, 5, 2021-09-28 12:43:39

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

Title
Audience

Tags
206538, 0, 6, 2021-09-28 12:43:39

Learning Outcome
Write and speak effectively about the arts to academic and general audiences and for a variety of purposes.

Title
Critical Reading

Tags
206554, 0, 7, 2021-09-28 12:43:39

Learning Outcome
Critically read and evaluate different artistic mediums as well as scholarship in the humanities.

WRTG 312 - Persuasive Writing

Course Information

Teaching Area (new)
WRTG

Course Number
312

Teaching Area
WRTG

Course Title
Persuasive Writing

Course Description
Expository and persuasive writing focusing on practical reasons for evaluating audiences, generating and structuring an argument, and making stylistic decisions. Library research paper.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-year writing, junior or senior status.

Note
Carries GE Advanced Written and Oral Communication credit. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Process

Tags
191271, 0, 1, 2021-09-28 12:43:58

Learning Outcome
Employ informed and flexible processes for writing and speaking, including creating and/or finding ideas, evidence, and data to write about; planning and drafting; revising; editing; and designing or presenting a message so that it is successfully understood by a specified audience.

Title
Structure

Tags
211521, 0, 6, 2021-09-28 12:43:58

Learning Outcome
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

Title
Rhetorical Situation

Tags
191273, 0, 2, 2021-09-28 12:43:58

Learning Outcome
Use various methods of invention, organization, and style to adapt written and oral forms of communication to a specific rhetorical situation.

Title
Sources

Tags
191671, 0, 3, 2021-09-28 12:43:58

Learning Outcome
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

Title
Style

Tags
191715, 0, 5, 2021-09-28 12:43:58

Learning Outcome
Write in a correct, clear, and graceful prose style.

Title
Critical Reading

Tags
191707, 0, 4, 2021-09-28 12:43:58

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

Title
Ethos

Tags
211522, 0, 7, 2021-09-28 12:43:58

Learning Outcome
Create an appropriate ethos in both writing and speaking.

Title
Argument

Tags
211523, 0, 8, 2021-09-28 12:43:58

Learning Outcome
Analyze the parts of an argument; evaluate them in terms of the intended audience; and generate a reasonable argument for a specific audience.Anticipate and effectively respond to audience objections and counterarguments.

WRTG 313 - Advanced Writing for Educators

Course Information

Teaching Area (new)
WRTG

Course Number
313

Teaching Area
WRTG

Course Title
Advanced Writing for Educators

Course Description
Writing 313 is an advanced course in composition with the purpose of teaching research, writing, and oral communication skills needed for careers in education and teaching.

Department
English

When Taught
Fall; Winter; Spring; Summer.

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-year writing, junior or senior status.

Note
Carries GE Advanced Written and Oral Communication credit.

Learning Outcomes

Title
Structure

Tags
191276, 0, 2, 2021-09-28 12:44:18

Learning Outcome
Write coherent and unified texts with a correct, clear, and graceful prose style, including effective introductions, clear thesis statements, support, smooth transitions, and strong conclusions.

Title
Sources

Tags
191277, 0, 3, 2021-09-28 12:44:18

Learning Outcome
Utilize library and electronic resources to locate relevant information, assess reliability and usefulness, and effectively and ethically incorporate it into your writing using APA documentation.

Title
Revision

Tags
191278, 0, 4, 2021-09-28 12:44:18

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

Title
Writing Instruction Project

Tags
191280, 0, 6, 2021-09-28 12:44:18

Learning Outcome
Write a well-argued, persuasive discussion on a focused, significant issue in K-12 instructional practices including appropriate counter-arguments and evidence.

Title
Social Change

Tags
191281, 0, 7, 2021-09-28 12:44:18

Learning Outcome
Understand how strong writing abilities and integrated language arts skills will help educators provide vital leadership within the schools they serve and their communities at large.

Title
Process

Tags
206531, 0, 0, 2021-09-28 12:44:18

Learning Outcome
Employ informed and flexible processes for writing and speaking, including creating or finding ideas, evidence, and data; planning and drafting; revising; editing; and designing and presenting a successful message for a specific rhetorical situation.

WRTG 315 - Writing in the Social Sciences

Course Information

Teaching Area (new)
WRTG

Course Number
315

Teaching Area
WRTG

Course Title
Writing in the Social Sciences

Course Description
Writing characteristic of disciplines that inquire into human behavior and institutions; correspondence, proposals, library paper, empirical research, and reviews.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-year writing, junior or senior status.

Note
Carries GE Advanced Written and Oral Communication credit. Also offered by BYU Independent Study; enroll anytime throughout year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Process

Tags
191718, 0, 0, 2021-09-28 12:44:42

Learning Outcome
Employ informed and flexible processes for writing and speaking, including: creating and/or finding ideas about which to write; collecting evidence and data; planning and drafting; revising; editing; and designing or presenting a message so that it is successfully understood by a specified audience.

Title
Structure

Tags
191717, 0, 1, 2021-09-28 12:44:42

Learning Outcome
Write coherent and unified texts, including effective introductions, clear thesis statements, supporting details, transitions, and strong conclusions.

Title
Rhetorical Situation

Tags
191688, 0, 2, 2021-09-28 12:44:42

Learning Outcome
Use various methods of invention, organization, and style to adapt written and oral forms of communication to specific rhetorical situations.

Title
Sources

Tags
191667, 0, 3, 2021-09-28 12:44:42

Learning Outcome
Utilize the library and electronic resources to locate relevant information, assess its reliability and usefulness, and effectively and ethically incorporate it into their own writing by following an appropriate style of documentation.

Title
Style

Tags
191689, 0, 4, 2021-09-28 12:44:42

Learning Outcome
Write in a correct, clear, and graceful prose style.

Title
Library

Tags
191678, 0, 5, 2021-09-28 12:44:42

Learning Outcome
Successfully complete the library tour, tutorial, and tests (if not completed as part of the first-year writing requirement). Successfully complete a library mini-course taught for their major area and demonstrate the ability to use the library effectively.

Title
Tables and Figures

Tags
191282, 0, 7, 2021-09-28 12:44:42

Learning Outcome
Demonstrate the ability to create, number, and label tables and figures.

Title
Revision

Tags
191714, 0, 8, 2021-09-28 12:44:42

Learning Outcome
Effectively evaluate and comment on the writing of others to facilitate revision.

WRTG 316 - Technical Communication

Course Information

Teaching Area (new)
WRTG

Course Number
316

Teaching Area
WRTG

Course Title
Technical Communication

Course Description
Effective processes of written, oral, and visual technical communication, including collaborative processes. Writing for academic and professional audiences.

Department
English

When Taught
All Semesters/Terms

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
First-year writing, junior or senior status.

Note
Carries GE Advanced Written and Oral Communication credit. Offered by BYU Independent Study; enroll anytime throughout the year; one year to complete; additional tuition required; register at is.byu.edu.

Learning Outcomes

Title
Project Management and Collaboration

Tags
191710, 0, 0, 2021-09-28 12:45:09

Learning Outcome
Employ flexible strategies and processes, both individual and collaborative, for planning, researching, drafting, and revising written and oral technical communication, including effective and ethical use of GenAI tools.

Title
Rhetorical Situation

Tags
191700, 0, 1, 2021-09-28 12:45:09

Learning Outcome
Identify aspects of professional cultures, contexts, and audiences that inform the creation of effective technical communication, and compose documents tailored to the needs of a variety of expert and non-expert audiences.

Title
Genre

Tags
191675, 0, 2, 2021-09-28 12:45:09

Learning Outcome
Recognize and analyze the factors that shape various technical communication genres. Implement that understanding in producing various technical writing genres.

Title
Ethics

Tags
191694, 0, 3, 2021-09-28 12:45:09

Learning Outcome
Compose technical documents that strive for universal design and that account for the myriad ethical complexities of effective technical communication.

Title
Research and Information Literacy

Tags
191685, 0, 4, 2021-09-28 12:45:09

Learning Outcome
Develop discipline-specific information literacy skills in identifying, evaluating, and ethically incorporating research of various kinds-including library research-into technical communication.

Title
Style

Tags
191687, 0, 5, 2021-09-28 12:45:09

Learning Outcome
Write coherent, unified texts using a voice, tone, and level of formality that effectively communicates technical information to expert and non-expert audiences

Title
Design

Tags
191701, 0, 6, 2021-09-28 12:45:09

Learning Outcome
Apply basic principles of document design to technical documents, including effective use of tables, figures, and other forms of data visualization.

Title
Reflection

Tags
191712, 0, 7, 2021-09-28 12:45:09

Learning Outcome
Reflect on and develop their identity as writers by evaluating the rhetorical effectiveness and ethical implications of all technical communication decisions.

XHOSA 100 - Language Study: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
100

Teaching Area
XHOSA

Course Title
Language Study: Xhosa

Course Description
Survival-level conversation, reading, listening, and culture skills in Xhosa.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
2

Fixed/Max:
2

Lecture Hours

Fixed:
2

Lab Hours

Fixed:
0

Learning Outcomes

Title
Speaking

Tags
195611, 1

Learning Outcome
Speak target language well enough to ask for instructions and to carry out simple, routine survival-type transactions.

Title
Social Situations

Tags
195613, 2

Learning Outcome
Function appropriately in familiar, routine social situations in the target culture.

Title
Follow Instructions

Tags
195615, 3

Learning Outcome
Understand spoken and written target language well enough to follow simple instructions.

XHOSA 101 - First-Year Language Study: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
101

Teaching Area
XHOSA

Course Title
First-Year Language Study: Xhosa

Course Description
Beginning speaking, listening, reading, and writing skills in Xhosa.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Learning Outcomes

Title
Comprehension

Tags
195599, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195601, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195604, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195606, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

XHOSA 102 - First-Year Language Study: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
102

Teaching Area
XHOSA

Course Title
First-Year Language Study: Xhosa

Course Description
Second-semester speaking, listening, reading, and writing skills in Xhosa.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 101 - First-Year Language Study: Xhosa

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Comprehension

Tags
195589, 1

Learning Outcome
Understand written and spoken target language relating to familiar topics.

Title
Speaking

Tags
195591, 2

Learning Outcome
Speak the target language well enough to satisfy immediate needs related to basic social situations, simple transactions, basic food and lodging, and routine travel.

Title
Writing

Tags
195594, 3

Learning Outcome
In the target language, write short, simple messages consisting of structurally-accurate sentences on familiar topics.

Title
Culture

Tags
195596, 4

Learning Outcome
Function appropriately in routine, familiar situations in the target culture.

XHOSA 201 - Second-Year Language Study: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
201

Teaching Area
XHOSA

Course Title
Second-Year Language Study: Xhosa

Course Description
Intermediate speaking, listening, reading, and writing skills in Xhosa.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 102 - First-Year Language Study: Xhosa

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Elaboration

Tags
195581, 1

Learning Outcome
Create structurally-accurate, elaborated utterances and begin to group utterances into paragraphs and narratives. Do this in present, past and future time.

Title
Vocabulary

Tags
195583, 2

Learning Outcome
Broaden vocabulary for both reception (listening and reading comprehension) and production (speaking and writing).

Title
Grammar

Tags
195586, 3

Learning Outcome
Review and increase understanding of basic language structures.

Title
Culture

Tags
195588, 4

Learning Outcome
Discuss in the target language common products and practices related to every-day life in the target culture.

XHOSA 202 - Second-Year Language Study: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
202

Teaching Area
XHOSA

Course Title
Second-Year Language Study: Xhosa

Course Description
Continued emphasis on Xhosa communication skills, vocabulary building, and cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
4

Fixed/Max:
4

Lecture Hours

Fixed:
5

Lab Hours

Fixed:
1

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 201 - Second-Year Language Study: Xhosa

Note
Teacher may waive prerequisite based on prior experience. Culminating course for GE Languages of Learning requirement. Not an entry course for returned missionaries.

Learning Outcomes

Title
Communication Skills

Tags
195570, 1

Learning Outcome
In both written and spoken target language, communicate with reasonable accuracy about real-world activities with well-educated members of the target-culture accustomed to dealing with non-native speakers.

Title
Comprehension

Tags
195573, 2

Learning Outcome
Understand every-day written and verbal instructions. Comprehend concrete details and global meaning of intermediate-level written and spoken passages related to familiar topics that native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195576, 3

Learning Outcome
Discuss in the target language cultural practices related to every-day life in the target culture. Acquire basic background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.).

Title
General Education Requirements

Tags
195577, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

XHOSA 305 - Language Skills Development: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
305

Teaching Area
XHOSA

Course Title
Language Skills Development: Xhosa

Course Description
Increasing proficiency in one or more of the following Xhosa language and culture skills: speaking, listening, reading, writing, cultural awareness.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
1

Fixed/Max:
4

Other Prerequisites
Instructor's consent.

Learning Outcomes

Title
Defined Special Purpose

Tags
195561, 1

Learning Outcome
Develop the overall language and cultural competence to meet the needs of a "special" purpose identified by the Center for Language Studies.

Title
Communication

Tags
195563, 2

Learning Outcome
Communicate effectively enough to function in a variety of situations likely to be encountered when dealing with native speakers associated with the special purpose. This may include interpersonal, interpretive, and presentational (written and oral) modes of communication.

Title
Cultural Competence

Tags
195565, 3

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers associated with the special purpose.

XHOSA 321 - Advanced Grammar: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
321

Teaching Area
XHOSA

Course Title
Advanced Grammar: Xhosa

Course Description
Systematic review of grammar and syntax of Xhosa.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 202 - Second-Year Language Study: Xhosa

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Analyze

Tags
195554, 1

Learning Outcome
Analyze target language morphology and syntax.

Title
Apply

Tags
195556, 2

Learning Outcome
Apply grammar rules with accuracy to a variety of advanced grammatical and communicative tasks.

Title
Independent Learning

Tags
195558, 3

Learning Outcome
Function as independent learners of the target language by using proper terms and appropriate resources for language analysis.

XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
330

Teaching Area
XHOSA

Course Title
Advanced Language Proficiency Through Cultural Studies: Xhosa

Course Description
Study of Xhosa culture using interpersonal, presentational, and interpretive skills in the target language.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Other Prerequisites
Xhosa 202 or equivalent.

Note
Entry course for returned missionaries or others of equivalent language experience. Required course for obtaining language credit by examination. May fulfill the GE Languages of Learning requirement.

Learning Outcomes

Title
Communication Skills

Tags
195545, 1

Learning Outcome
In both written and spoken target language, communicate accurately with well-educated members of the target-culture about real-world activities.

Title
Comprehension

Tags
195547, 2

Learning Outcome
Understand detailed written and verbal instructions. Comprehend historical passages, newspaper and magazine articles, and broadcast news reports well educated native speakers encounter routinely in their daily life.

Title
Cultural Knowledge

Tags
195548, 3

Learning Outcome
Acquire background knowledge of important achievements related to the target culture (historical figures and events, major literary and artistic movements, government and religious institutions, etc.). Discuss in the target language cultural practices related to major life events in the target culture (birth, marriage, death, etc.).

Title
General Education Requirements

Tags
195551, 4

Learning Outcome
Complete Languages of Learning and Global & Cultural Awareness for General Education.

XHOSA 340 - Introduction to Literature: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
340

Teaching Area
XHOSA

Course Title
Introduction to Literature: Xhosa

Course Description
Advanced study of Xhosa literature. Continued emphasis on communication skills and culture.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

Note
Teacher may waive prerequisite based on prior experience.

Learning Outcomes

Title
Recognize and Analyze

Tags
195533, 1

Learning Outcome
Recognize and analyze the most important genres in target-language literature.

Title
Key Characteristics

Tags
195536, 2

Learning Outcome
Identify and discuss key characteristics of the most important literary movements in the target culture.

Title
Context

Tags
195538, 3

Learning Outcome
Place literature in a meaningful cultural and historical context.

Title
Language Skills

Tags
195541, 4

Learning Outcome
Improve target-language reading, writing, and speaking skills.

XHOSA 350 - Advanced Language Study for Career Purposes: Xhosa

Course Information

Teaching Area (new)
XHOSA

Course Number
350

Teaching Area
XHOSA

Course Title
Advanced Language Study for Career Purposes: Xhosa

Course Description
Concentration on Xhosa language and culture issues for specific careers.

Department
Language Studies

When Taught
Contact Department

Credit Hours

Min:
3

Fixed/Max:
3

Lecture Hours

Fixed:
3

Lab Hours

Fixed:
0

Simple Requisites

Prerequisites

Type
Prerequisite

Prerequisites

Complete ALL of the following Courses:

- XHOSA 330 - Advanced Language Proficiency Through Cultural Studies: Xhosa

Learning Outcomes

Title
Defined Career Purposes

Tags
195515, 1

Learning Outcome
Develop overall language and cultural competence needed to study and begin entry into a career agreed upon by the Center for Language Studies.

Title
Knowledge

Tags
195517, 2

Learning Outcome
Carry out research to identify, understand, and discuss standards, processes, people and cultural norms associated with the target career.

Title
Interpretive Competence

Tags
195520, 3

Learning Outcome
Understand, interpret and analyze advanced-level written and oral texts on topics related to the target career.

Title
Communicative Competence

Tags
195524, 4

Learning Outcome
Communicate effectively at the advanced-level in order to function in a variety of situations likely to be encountered when dealing with native speakers who are associated with the target career. This will include interpersonal communication and both written and oral presentational communication.

Title
Cultural Competence

Tags
195526, 5

Learning Outcome
Interact with cultural competence and understanding when dealing with native speakers who are associated with the target career.